

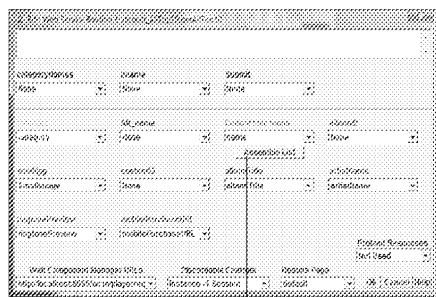
When Editing a Web Component, as shown to the right, the class of output type is shown with a color coding methodology.

[Cancel](#) [Collection List](#)

Control List

**Size:** Child Output Object

Black: Other



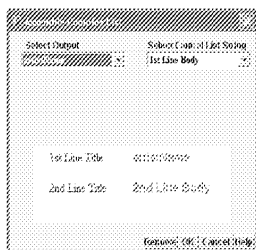
54112

If there is a Control List assigned to the Web Component, then an "Assemble List" button becomes available.

Firing will open the Assemble Complex List Dialog Box. All available Child Objects under the control of the Control List can now be selected and placed in any of the following places within the Control List:

- First Line Body
- Second Line Title
- Second Line Body

If a second line text attribute is selected then the item layout for all items in the control list will each have two lines.



50 11-01

1st and 2nd line Titles will use the Control List's Text Font and Color.

The 1st and 2nd line Body Text will use the Item Font and Color.

Touching the "Remove" button will cause the Child Object's value to be removed from the Item.

The choices made in the Assembly Complex List Dialog Box will be reflected in the List Attributes tab of the Resource inspector.

The settings for activating the Titles and Strings are only available through the Assembly Complex List Dialog Box. The settings for activating icons are not currently supported.

There are several additional controls that are available for Control Lists that will affect its appearance.

Either Line can be right justified.

The List Item Typeface can be changed.

The List Color can be changed.

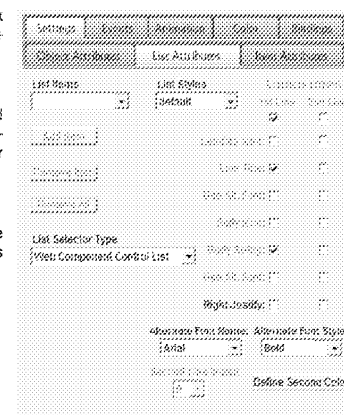


Fig. 11-39

For course, the Object's Text Font and color can be changed under the Object Attribute tab. Any change to the Font Size will be automatically be adopted by the List Item Font.

## B: Behaviors

The graphic to the right shows how the Control List will be drawn based on the setting as shown in the example below. When the item is selected the Object and List item fonts will display but the Text Color will be white and the background blue.

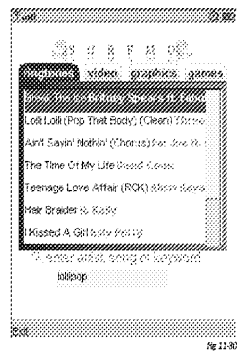


Fig 11.30

## K: Working with Collection Lists:

Collection Lists will be identified by having their symbolic name drawn in **Symbolic**. Collection Lists are only available if the Web Component defines it and there is a Control List associated with it.

A Collection List will have one and one one Child UI Object, and that Object must be a Control List.

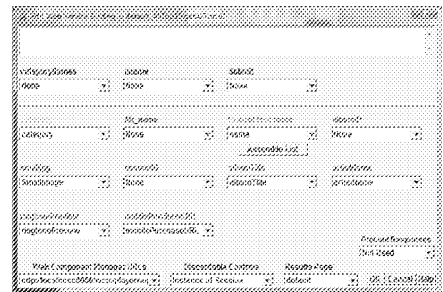


Fig 11.31

Either Slide Shows or Complex Lists can be assigned to a Collection List although the default will be a Slide Show. There will be a symbolic reference to each element of the Slide Show or Complex List to a Control List definition, which will also include and the attributes for each Control List set of Child UI Objects.



Fig 11.32

In the example below, the Tabs are actually a Slide Show, as shown in the "Working With Slides" Dialog Box to the right.

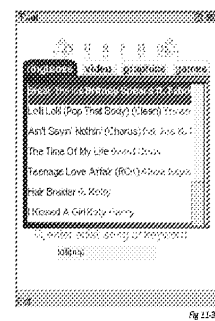


Fig 11.33

Touching the Right Arrow Key will cause the Slide Show to advance one slide. As each slide contains a symbolic reference to a different Control List definition the Control List is repopulated with that definition.

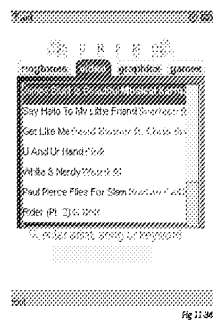


Fig 11.34

At any time, touching the down arrow key will cause a navigation event to first select, and then navigate to the next item in the Control List as shown to the right.

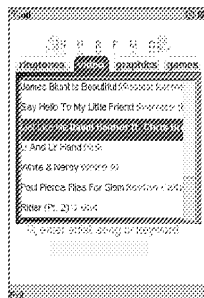


Fig 11-39

If a Right or Left Arrow Key is pressed while navigating through the Control List the Collection List moves to the next element (Slide). This Slide's symbolic reference to a Control List definition is then activated and the Control List is repopulated as expected.

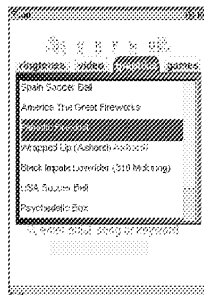


Fig 11-38

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## L: Collection List Keys and Complex List Indexes

### 1: Collection Lists:

Collection Lists can be auto-generated or manually created. If automatically generated, then their keys are generated and placed as hidden attributes for each Slide (if a Slide show) or each List item (if a complex list).

For example, using the Thimbleplay AlltopTen Store Front Web Component, if the Web Component was auto-generated, then a Slide Show would be generated with a Slide for each key. This information was retrieved from the Model Definition as shown below.

```
ServiceMapping="/ms2/contentItemResponse/contentItemRequest/moduleCode"
name="category" dataType="CollectionList" use="required">
<Comment>The category like ringtones, video, games, graphics</Comment>
<ListValues value="ringtone-chart">RingTone Chart</ListValues>
<ListValues value="video-chart">Video Chart</ListValues>
<ListValues value="graphic-chart">Graphic Chart</ListValues>
<ListValues value="game-chart">Game Chart</ListValues>
```

The generated Slide Show will start with a blank slide for each key. The author can then assign the imagery they wish to visualize the meaning of each Control List.

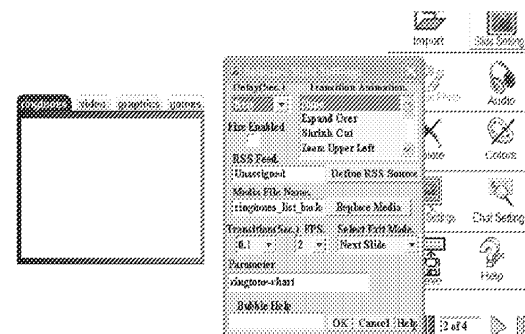


Fig 11-37

Note that the generated parameter is "ringtone-chart" and the author assigned an image to the slide that has the ringtones tab selected.

This process could have also been done manually by entering each key from the Model to the parameter field for each slide.

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## 1: Complex Lists:

Control Lists may also have hidden attributes which to define one or more values for requesting to the Web Service (as an Input List Data Type) or, as an index for visualization as an Output Data Type of various field values as part of a set of data records.

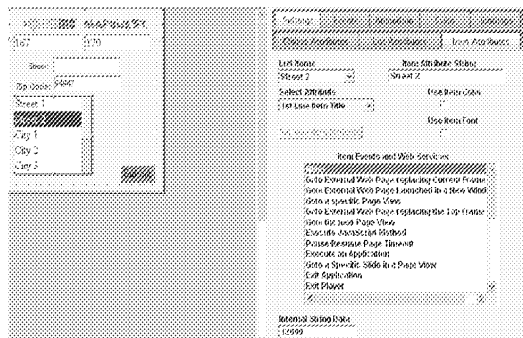


Fig 11-38

In the case above, the MapQuest Web Component generated a Complex List for each zoom level that would be supported. The Internal String Data for each item on the list was retrieved from the Model. And defined below and placed appropriately for each list item.

```
<ListValues value="6000">Street 1</ListValues>
<ListValues value="12000">Street 2</ListValues>
<ListValues value="24000">City 1</ListValues>
<ListValues value="48000">City 2</ListValues>
<ListValues value="96000">City 3</ListValues>
<ListValues value="192000">Country 1</ListValues>
<ListValues value="384000">Country 2</ListValues>
<ListValues value="768000">Country 3</ListValues>
<ListValues value="1536000">State 1</ListValues>
```

This process could have also been done manually by entering each index from the Model to the Internal String Data for each List item.

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## M: Sharing a Web Component.

Section H, "Enhancing Web Components with Persistent Variables" described a powerful way to combine, extend and mash up various Web Components to create great Services. However, sometimes the requirement is just to use a single Web Component, but extend it through sharing to make it much more interactive and usable. For example:

Using the example of Yahoo Maps, the graphic below shows the state after the Optional Inputs for Street, City, State, Zip, Image\_Height, Image\_Width and Zoom have been selected.

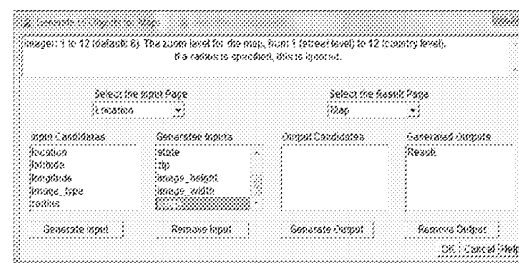


Fig 11-39

The generated "Location" page is shown below.



Fig 11-39

The generated "Map" page is shown to the right.

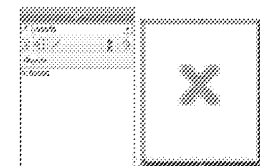


Fig 11-40

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1. Go to the Results Page ("Map") of this application.
2. Add appropriate UI Objects for further interactions with the Web Component. (We might add a Slide Show UI Object that would be assigned to the Zoom Symbolic Field Name of a mapping Web Component. In this case we will use Yahoo Maps as shown below)
3. Touch the "Bindings" Tab and Select "Maps"

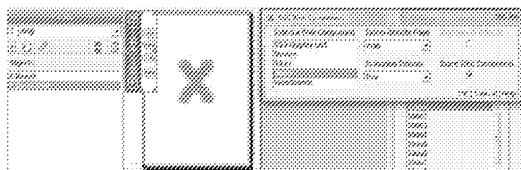


Fig 11-41

Note that "Generate UI Objects" is not available, and "Share Web Component" is available and Selected.

When you touch "OK" the Dialog Box below will appear.

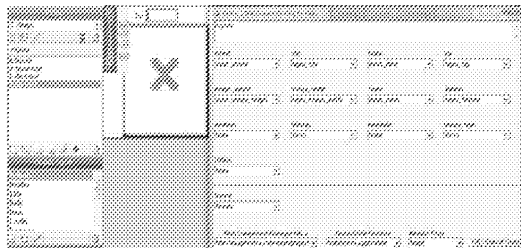


Fig 11-42

Note:

As seen above, it is possible to assign a Slide Show as a "List" Output Object, so that you can produce graphical controls for various types of Web Components. In addition, there is now an exit event for Slides that permit you to assign "Previous Slide" as well as "Next Slide". This means that functions such as "Zoom In" or "Zoom Out" can be implemented in various interesting ways. Now assign the Submit Symbolic Field and the Zoom Symbolic Field to the Slide Show UI Object and the Location Symbolic Field to the Location Text Field as shown below. Also, since location will be used for the target map, Street, City, State and Zip can now be assigned to "None".

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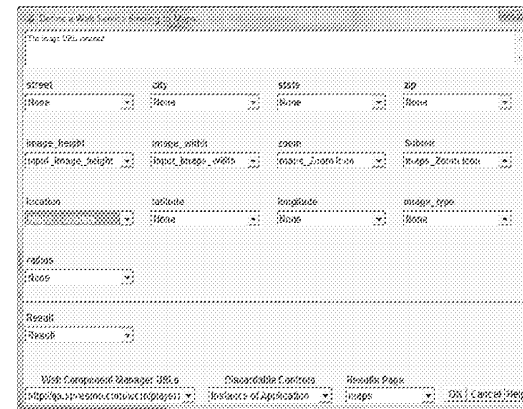


Fig 11-43

After touching "OK" the "Map" the Extended Web component 3:map\_Maps will be assigned to the Slide Show UI Object.



Fig 11-44

Now save the application and view the results on a phone or in a MIDP 2.0 Emulator.

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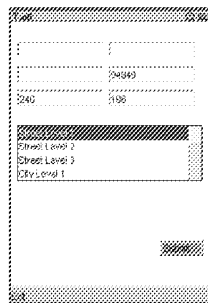


Fig 11-45

Initial View

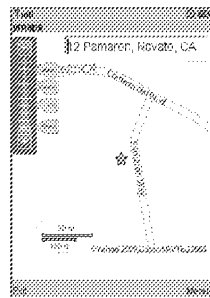


Fig 11-46

Result

- Initial mode will be to Zoom In if not on the Maximum zoom level.
- FIRE or, if Enable Fire is selected, the forward and next navigation keys, will Zoom In the Map One Level and move the Slide Indicator.
- If a navigation Key is touched that reverses direction, that will switch the mode to that direction.
- FIRE or, if Enable Fire is selected, the forward and next navigation keys, will then Zoom Out or Zoom In One Level the Map but the Slide Indicator will not move.
- The next FIRE or, if Enable Fire is selected, the forward and next navigation keys, will both Zoom Out/In and move the slide indicator.
- Hitting the maximum or minimum zoom will cause an automatic direction change.



Fig 11-47



Fig 11-48

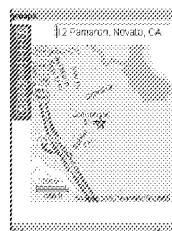


Fig 11-49

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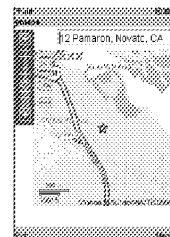


Fig 11-50

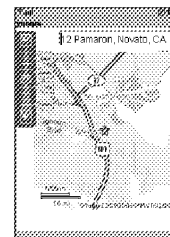


Fig 11-51

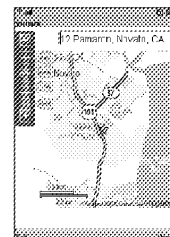


Fig 11-52

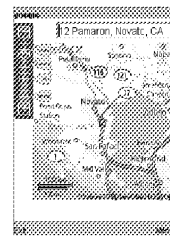


Fig 11-53

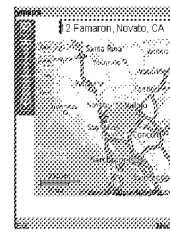


Fig 11-54

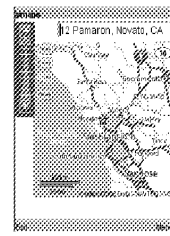


Fig 11-55

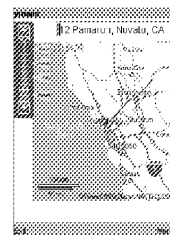
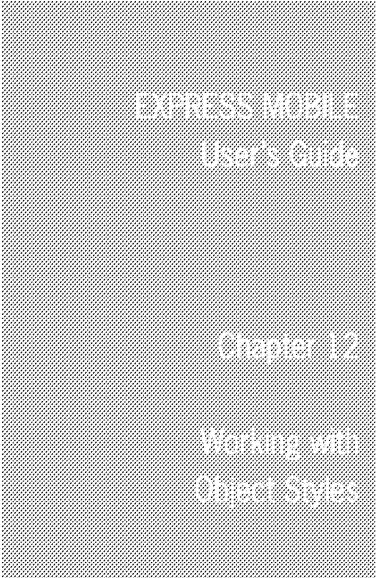


Fig 11-56

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N: How to create a Web Component Model:

See Appendix C.



Chapter 12: Working with Object Styles

A:	Introduction	12.04
B:	Object Styles	12.05

## Chapter 12: Glossary

## Styles

The underlying set of default appearance attributes or behaviors that define any object that is attached to a style. A very convenient way for quickly creating complex objects, and for changing a whole collection of objects by just modifying their common style.

## A: Introduction:

Object styles are used to define a certain default set of attributes for any given object when it is created. They are extremely useful if you are building pages that have multiple objects and you want them all to have the same attributes. For example, if you are building a Web page and want identical navigation buttons, using this feature will let you click on the style you've defined – font size, color, type, effects, background color, etc. – and all future buttons you add will be identical. You can also modify the style and all existing objects with that style will be changed, even if they are on multiple Web pages. You can also assign a different style to an existing object. This will cause all the attributes of the new style to be assigned to that object.

Page styles are useful if you want the same attributes on each page, including objects. For example, a company Website may want their logo and a navigation bar in the same position as well as the same background color on each page. Using page styles means you can create a style once and each subsequent page added will contain the same objects versus having to create the same style for each individual page while working on this site.

Using these features can save an enormous amount of time – and frustration!

## B: Object Styles:

### 1: How to Create an Object Style:

Object styles can be defined for any object (text, picture, shape, etc.) and then applied to an object already on the page or to objects yet to be added. There are currently 10 object styles pre-defined.

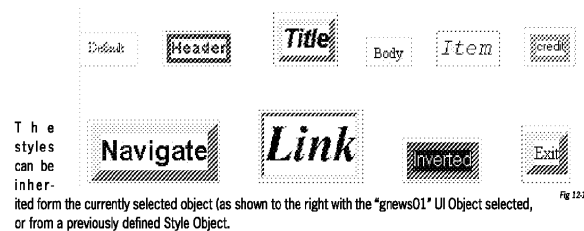


Fig 12.1

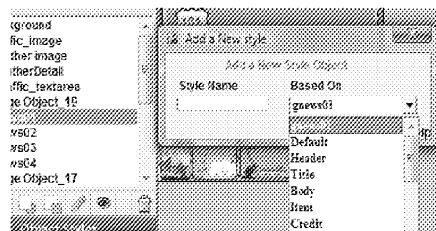


Fig 12.2

### 2: How to Modify an Object Style:

To modify an existing object style select the style from the Layout Inspector and touch the Edit icon. The current definition of the selected style will display. In the example below, the "Title" style has been selected.

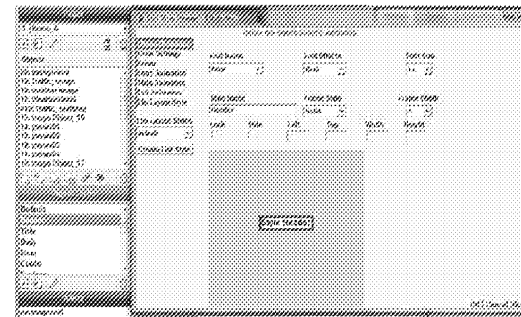


Fig 12.3

Change several of the attributes – font name, effects, size, frame style and width and click "ok".

Note that the feedback box shows what the changes look like.

### 3: How to Save an Object Style:

Touch the Save icon from the Command Floating Palette or select "Save As..." from the File Menu.

The dialog box to the right will appear. Once this object style is saved it can be imported in another editing session as described below.

### 4: How to Import an Object Style from the Styles Library:

To access this style in the future, select

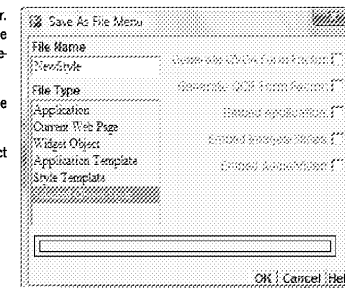
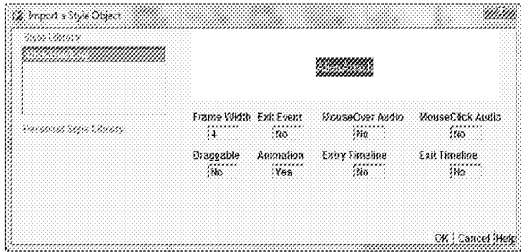


Fig 12.4

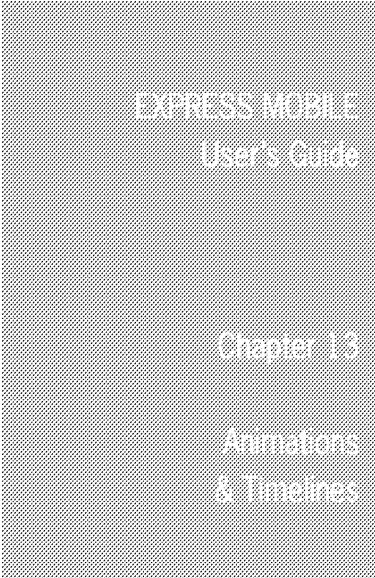
"Styles" and then click on "Import", or Select the Import Icon in the Layer Inspector for Object Styles.



The "import an Object Style" dialog box appears; select "ArialAttach.sps" and click "OK". This object style will now appear in the "Style" List in the Layout Inspector.

5: Inheritance:

Once you create an object using a style and then change some attribute of the object while onscreen without modifying the style itself – if you go back & then modify the style and change that same attribute to reflect something else, the attribute for that object won't change. For example, you created a button created using a style that had a red font. You then – onscreen (by using "Edit" or the color drop down menu) - change the font color to blue. You then modify the style to a font color of yellow. The font color of the button onscreen will remain blue.



Chapter 13: Animations & Timelines

A:	Introduction	13.04
B:	How to Define	13.06
C:	Child Object Animations & Behaviors	13.09
D:	Defining Object Entry Timelines	13.11
E:	Defining Object Exit Timelines	13.12
F:	Tips	13.13



Chapter 13: Glossary

Slide Show Animations	The transition animations that can occur when changing from one slide to another.
Waypoints	The vertices for any object that has an animation trajectory path defined. Each waypoint can have numerous attributes and behaviors assigned to it, so that the user experience can be enhanced in significant ways.

A: Introduction

Text objects, images, videos, slide shows, shapes and form objects (with the exception of complex lists) can have both directions and animations assigned to them. In addition, directions and animations can be assigned to all of these object types that are defined as child objects. Note that Form Objects cannot be assigned as a child object. To animate the object, be sure that the object is selected and select one of the methods below:

- Touch the "Animation" tab of the resource inspector.
- Touch the Edit Icon from the Layer Inspector and select the "Animation" tab.
- Select "Animations..." from Events off the Menu Bar.

As a shortcut, animations can be defined without activating the timeline.

- Delay:  
This is the time, in seconds, that defines when the animation should start relative to when the page comes into view.
- Direction:  
This defines the location of the object over time. The choices vary depending upon the object type. Generally these types of animations will work quite well, even on fairly low end feature phones.

- Movement:  
This defines the animation effect, and these choices also vary by object type. It is permissible to have both a direction and/or movement assigned simultaneously to the same object.

- Duration:  
This represents the time that the animation will remain active from start to finish.

- Frames:  
These are the maximum number of frames per second that the animation will be drawn. In the event that the device does not have the processing power to perform at this frame rate then the frame rate will automatically be reduced so that the animation finishes within its allotted time.

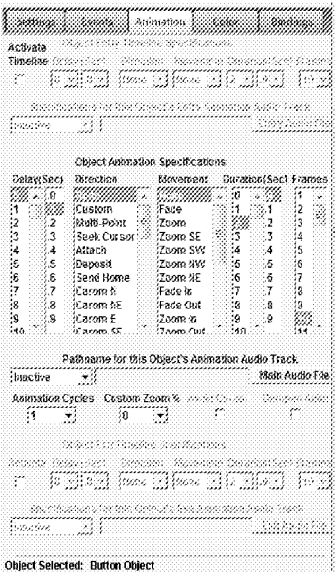


Fig 13.1

- Animation Audio:

An audio can be assigned to the animation. It is possible to set the audio to play once or to continue to loop until the animation has been completed.

- Animation Cycles:

Any number of animation cycles can be set. This would cause the animation to repeat itself based on the number of cycles chosen.

- Custom Zoom %:

Normally a zoom will zoom the object from zero up to 100 percent of its size. It is possible to increase the maximum size up to 10 times its normal size. This feature is not recommended for feature phones.

## B: How to Define

### 1: Define Form Objects, Text Button or Paragraph Animations

Any of 31 different directions and 18 different animations can be assigned (See Appendix B).

Select either the "Edit" or "Animate" icons as described above. Choose the desired delay time, direction and/or animation, the time you want the animation to last, the number of animation frames that will be drawn per second, and the number of times the animation should occur. The time for the animation can be set from 0.5 seconds to 1 minutes, the number of frames per second from 1 to 50, and the number of animation cycles from 1 to 50 or to a continuous ("loop") setting.

To choose a custom zoom level for zooming animations, the range can be from zero to 1000 percent of the defined size for the button or paragraph. 1% means it will zoom to a very small level; 100% means it will remain the same size and anything above 100% will zoom larger.

Avoid Cursor: if the object, during its animation, comes in contact with the cursor it is repelled in such a way that it never intrudes upon the cursor's location. When the cursor is removed from the object's trajectory, the animation resumes as expected. During the time that the object is being repelled by the cursor, no animation time lapses, so that when the animation resumes, it continues as if the collision with the cursor had not occurred, with the exception of the delay.

To add an audio track, select one from the Express Mobile Library or add your own (must be in ".au" or ".wav" formats). You can have the audio track play once or loop. An audio stream can also be added.

Click on the "OK" icon to complete the animation. With the exception of the "Custom" animation, the animation will then be executed for confirmation.

### 2: Define Image or Slide Show Animations.

Any of 31 different directions and 26 different animations can be assigned (See Appendix B). The process for defining the animation is the same as for buttons and paragraphs above.

## 3. Define Shape Animations.

Any of 31 different directions and 28 different animations can be assigned (See Appendix B). The process for defining the animation is the same as for buttons, paragraphs and images above.

## b: Define General Directions

## 1: Custom Animation

When the "Custom" animation is selected, a "Define Animation Path" button will appear. After clicking on this button, a message saying "Recording Custom track" will display. Drag the mouse across the Canvas to draw the desired animation. A blue line will be drawn to show the animation (see example below). To stop drawing, right click the mouse and release.

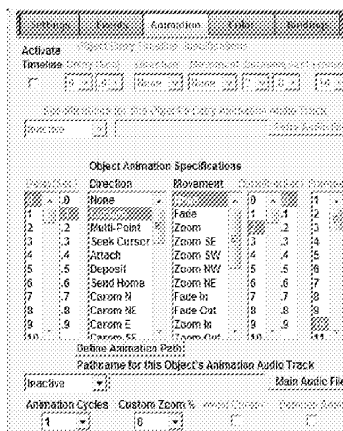


Fig 132

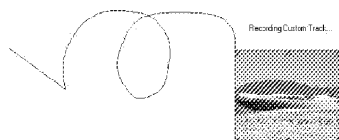


Fig 133

Immediately the trajectory (all the points on the screen that the object will move through) will disappear. The number of frames per second setting is ignored.

To use waypoints, see the explanation in the "Events" chapter - Waypoints.

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## 2: Multi-Point

The same as Custom, but with straight lines only. To create, click where you want the line to end. To stop drawing, right click your mouse and release.

To use waypoints, see the explanation in the "Events" chapter - Waypoints.



Fig 134

## 3: Seek Cursor Movement

The object immediately moves towards the cursor. The speed of movement is calculated to be the time that the object would cross the entire Web page within the time set for the animation. When the object reaches the cursor it immediately jumps to its home location and the animation is completed. It is permissible to assign an animation that will execute simultaneously while the object is seeking the cursor.

## 4: Attach

The object immediately jumps to the cursor and stays attached to the cursor during the time that the animation is alive. When the time for the animation has lapsed the object will jump to its home position. It is permissible to assign an animation that will execute simultaneously while the object is attached to the cursor.

## 5: Deposit

The object immediately jumps to the cursor and stays attached to the cursor during the time that the animation is alive or until the user presses the mouse button, whichever occurs sooner. If the time for the animation elapses without a mouse click the object will jump to its home position. If a mouse click occurs while the animation is alive then the object is deposited at the location of the mouse click and the animation is terminated. It is permissible to assign an animation that will execute simultaneously while the object is attached to the cursor.

## 6: Send Home

The object immediately jumps to the cursor and stays attached to the cursor during the time that the animation is alive or until the user presses the mouse button, whichever occurs sooner. If the time for the animation elapses without a mouse click the object will jump to its home position. If a mouse click occurs while the animation is alive then the object immediately jumps to its home position and the animation is terminated. It is permissible to assign an animation that will execute simultaneously while the object is attached to the cursor.

## 7: Hover

This is used when you want to play an audio track for a specified period of time for a specific object. The object will hover (remain stationary) and not perform any animations.

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## c. Define General Animations

Most are self-explanatory, with the exception of Spin, Rotate, Swing and Swivel. These 4 animations, around either a vertical axis or a horizontal axis, are available for shapes and images.

Spin is a clockwise or counter-clockwise movement.

Rotate is a 360-degree horizontal or vertical (west to east or north to south) rotation using the vertical or horizontal center of the image as the axis of rotation.

Swing is a 360-degree horizontal or vertical (west to east or north to south) rotation using the right or bottom edge of the image as the axis of rotation.

Swivel is a 180-degree horizontal or vertical (west to east or north to south) rotation and then a 180-degree horizontal or vertical clockwise rotation using the vertical or horizontal center of the image as the axis of rotation.

## d. Continuous ("Loop") Animation

When selected, the animation will continue to repeat itself until any of the following conditions occur.

The Web page is terminated either because its time setting has been reached or the Web page is left because of an exit event.

The object had been assigned the "Deposit" or "Send Home" movement and a mouse click had occurred.

## C: Child Object Animations and Behaviors

## 1: Application Page Initialization

When an Application Page becomes available all Parent Object Animations immediately begin to execute for that Page. If Child Animations had been defined for the Parent Object, then those animations will begin immediately after the parent object animation concludes. When the child animations conclude, the Child Objects will disappear.

## 2: Parent Object Selected

If a Parent Object is selected in which the "Timeline Activation" event (see chapter 14) has not been selected, then the following would happen. Assuming that this Object has Child Objects which have defined animations, then these animations will begin immediately. The Child Objects will disappear when the Parent Object is no longer selected, or when their animations conclude, whichever occurs first.

## 3: FIRE on Parent Object

If a FIRE event occurs on a Parent Object in which the "Timeline Activation" event (see chapter 14) has been selected, then the following would happen. Assuming that this Object has Child Objects which have defined animations, then these animations will begin immediately. The Child Objects will disappear when their animations conclude.

## D: Defining Object Entry Timelines

Then the Activate Timeline Check Box is selected, all of the Object Entry Animation choices become available.

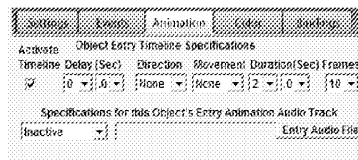


Fig 13.5

## 1: Delay

This is the time that will elapse from the moment a Page has become active until the Object appears. This delay can be set to up to 100 seconds.

## 2: Direction

The way an Object enters the Page can be set. Choose "None" if no direction animation is desired. See Appendix B for the list of the direction entry direction animations available.

## 3: Movement

The Object's entry to the Page can be extended with movement animations. Choose "None" if no movement animation is desired. See Appendix B for the list of the movement entry direction animations available.

## 4: Duration

Time is the length of time in seconds that the entry animation will take to complete. It can be set from immediate to up to 100 seconds.

## 5: Frames (Frames per Second)

The number of frames per second is the number of animations that will occur per second during the entire entry animation process. This can be set from 1 to 50. The higher the number of frames, the smoother the animation will appear.

## 6: Audio Track

If an audio track has been added to the entry animation, it will start simultaneously with the beginning of the animation. The track can either play once or loop.

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## E: Defining Object Exit Timelines

Selecting the "Activate" check box will immediately make available all of the Exit Timeline Settings.

## 1: Delay

This determines whether the Object will remain on the Page until the Page is unloaded (stay), or whether it should depart after a certain period of time. This time begins from the moment that the object's animation(s) has been completed and all the child timelines, if any, have also been completed. The departure delay time can range up to 100 seconds.

## 2: Direction

The depart direction is how the Object departs the Page. It can be set to depart immediately (none) or by means of an exit direction. See Appendix B for the list of the exit directions available.

## 3: Movement

The Object's departure can be enhanced with a Movement animation. See Appendix B for the list of 6 exit methods/animations available.

## 4: Duration

Depart time is the time in seconds that the exit animation will take to complete. It can be set from immediate to up to 100 seconds.

## 5: Frames (Frames per Second)

The number of frames is the number of animations that will occur per second during the entire exit animation process. This can be set from 1 to 50.

## 6: Audio Track

If an audio track has been added to the exit animation, it will start simultaneously with the beginning of the animation. The track can either play once or loop.

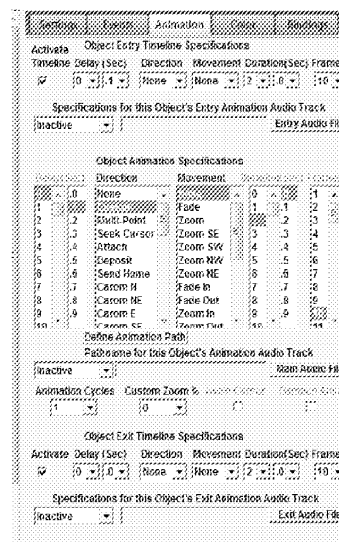


Fig 13.6

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## F: Tips

### 1: Number of frames for button or paragraph zooming animations:

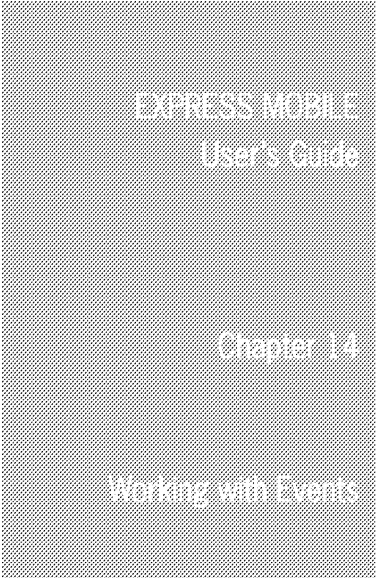
Be sure that the number of frames is less than the point size minus 5 otherwise unpredictable results could occur.

### 2: Different Animation Effects:

Changing the number of frames to a very small number can dramatically affect the animation effect. Changing the attributes of the object, such as changing the point size and background color for buttons, will create very different visual effects.

### 3: Animations applied to Animated GIFs:

Animations can also be applied to animated GIFs. Certain animations will work better than others, and the animation effects will be most effective if the timing of the animated GIFs transitions are well synchronized with the speed and the number of frames of the animation. The "Fade In" and "Fade Out" animations will only be effective if the animated GIF's time settings are precisely synchronized with the frames per second of the "fade" animations.



Chapter 14: Working with Events

A:	Child Object Events	14.04
B:	Exit Events	14.05
C:	Select and Fire Events	14.10
D:	Waypoints	14.13

## Chapter 14: Glossary

### A: Child Object Events

#### I: Visibility:

There are three possible techniques for causing child objects to change their visibility.

##### a. Selection of the Parent Object

Upon selection all child objects will appear (subject to their timeline definitions, if any) and will disappear when the parent object is deselected.

##### b. Toggle Children on FIRE

When this attribute is selected for the parent object then selection or deselection itself will have no effect. The first FIRE on the parent object the child objects will become visible and remain that way until another FIRE event occurs on that parent object, or when another Parent Object is FIRED on that has the "Hide non-related Children" attribute selected.

##### c. Child Slide Shows, Timelines and Animations

Child objects can be assigned all the timeline and animation attributes that a parent object can be assigned, and a Child Slide Show can be assigned all the slide transition animations that a Parent Slide Show can be assigned.

The activation of these visual and audio effects begin when the child object becomes visible and ends whenever the child object loses visibility or the timeline is completed, whichever occurs first.



## B: Exit Events

### I: Discussion:

There are currently 28 possible exit events that can be assigned to an Express Mobile Object, which have made the UI very complicated and unwieldy. Although internally the exit events will be stored as per Appendix A, for the UI, the following changes are proposed.

In addition, there are now four new Events:

#### 1: Send IM Alert (Push Rich Content Messaging)

For Sending an IM Alert Message. This can occur by:

- firing on a basic object that has a logical link to a text field or text area
- firing on a List or Dropdown Item .
- firing on a slide with an attached Chat (chat room)

An IM Alert Message will generate, from the Content Server, an IM Alert Page (I may use the System Alert Object if the Alert Page cannot be found).

An IM Alert will have a Text Message defined, which will be extracted from either a designated text field or text area. Optionally, an Avatar, which could be an Image or Video, can be linked to the Alert Page. For Chat, the Avatar will be the Slide Media Object. If the Player is open the IM Alert will immediately Appear as a Modal Alert with Fire enabled for dismissing. If the player is not active, when the player later becomes active there will be an indication of the number of pending IM alerts. The method or methods for browsing the pending alerts is yet to be defined.

#### 2: Set Starting Page

For personalizing the starting page by the consumer. This can occur by firing on a basic object or firing on a List or Dropdown Item. For any subsequent uses of the application, or any "Change View" events in the current session, if the "Change View to Starting Page" is defined, then the consumer-chosen "starting page" will appear.

#### 3: Send String on FIRE

This exit event is available for Text Fields and Text Areas. It will execute the Submit Button Listener so that the current string will be sent to the content Server for processing.

#### 4: Send String on FIRE or Numeric Keys

This exit event is available for Text Fields and Text Areas. It will execute the Submit Button Listener so that the current string will be sent to the content Server for processing.

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### II: User Interface:

There will be up to six dropdown menus for defining an Event. A subset of these choices will be available, depending upon the type of Object that is selected.

#### 1: Alerts:

- None
- Display on Fire
- Display with Synchronization on Fire
- Display/Hide OnFocus/Offfocus

#### 2: Communication

- None
- Place Phone Call
- Send SMS Message
- Send IM alert

#### 3 Share:

- None
- Share peer to peer
- Share multiple selection
- Share all

#### 4 Personalization:

- Set Add Icon to Icon Strip
- Remove Icon from Icon Strip
- Logical First (Starting) Page
- Set Persistent Variable

#### 5 Change View

- None (next slide)
  - Goto External Page (WAP or HTML)
- Change View options
- Replace Current View
  - Launch New Window
  - Replace Top View
  - Goto Internal Page

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## Change View Options

- Next Internal Page
- Specific Internal Page
- Specific Internal Page w/Slide Number
- Goto Widget
- Goto Logical First (Starting) Page
- Execute an Xpressmo Application
- Exit Application
- Exit Player
- Execute Scripting Method
  - Pause/Resume Page Timeout

## III: Object Specific Implementations:

As before, events can be assigned to three different object classes. For each class, the following events would be available.

## A: All Object Classes and Page Timeout

- 0=None (or Next Slide)
- 1=Goto External Page (WAP or HTML)
- 2=Goto Internal web Page
- 3=Execute an Xpressmo Application
- 27=Send IM Alert

## B: The Basic Object

- 4=Place Phone Call
- 5=Send SMS Message
- 6=Exit Application
- 7=Exit Player
- 8=Execute Scripting Method
- 9=Pause/Resume Page Timeout
- 28=Set Starting Page
- 29=Set Persistent Variable

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## C: An Item in a List or Dropdown Object

- 4=Place Phone Call
- 5=Send SMS Message
- 10= Dropdown: Add Icon to Icon Strip  
List: Display/Hide Icon toggle
- 11= Dropdown: Remove Icon from Icon Strip
- 28=Set Starting Page
- 29=Set Persistent Variable

## D: A Slide in a Slide Show

- 12=Goto Specific Slide

## E: Web Page

- 8=Execute Scripting Method

"Goto New View Options" will only be available for the following Exit Events:

- 1=Goto External Page (WAP/HTML)
- 2=Goto Internal web Page

"Share Options" will only be available for the following Exit Events:

- 4=Place Phone Call
- 5=Send SMS Message

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## IV: Mapping to Current Player Event Manager:

The Table Below describes what choices will be available by exit event for the six dropdown option menus, and how that maps to the possible list of 28 events.

UI Exit Event	Alert Options	Change View Options	Personalize	Communicate	Share	Internal Exit Event
None	None Display w/Fire Display OnFocus Hide OffFocus Display w/Sync			Send IM Phone Call Phone Call Phone Call Send SMS Send SMS Send SMS	None Share All None Share All	17 19 22 27 12 24 26 18 23 25 13 14 28
Goto External Page		Replace Current View Launch New Window Replace Top View				1 2 4
Goto Internal Page	None Display w/Sync None None	Specific/Next Page Specific/Next Page Logical 1st Page Specific w/Slide #				3,5 15 21 9
Execute Application-Widget	None Display None					8 20 16
Exit Application						10
Exit Player						11
Execute Script						6
Pause/Resume Page						7
Goto Slide						10
Send IM Alert						27
Send String on FIRE						13
Send String on FIRE or Numeric Keys						14
Set Persistent Variable						29

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## C: Select and Fire Events

## 1: Select Events:

The following select events are available.

## • Display and activate Children:

If "Toggle Children on FIRE" is not selected, then all children will become visible as soon as the parent object is selected. If any of those children have animations or timelines assigned to them then those animations will begin immediately.

## • Object Selected Audio:

If an object selected audio track has been assigned to this object then this audio track will immediately start to play. There are four possible settings as shown in the graphic below.

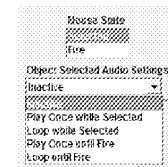


Fig 14-2

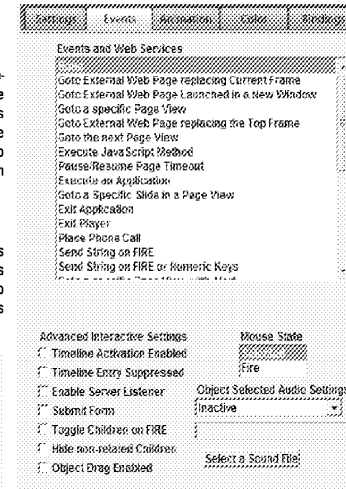


Fig 14-1

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## 2: Fire Events:

The following fire events are available.

- **Timeline Activation**
- If the "Timeline Activation Enabled" check box is selected, then the parent's animations and timelines will begin upon the detection of a FIRE event. The activation of these animations will not occur simply because the page has become available.
- **Timeline Entry Suppressed.**
- If the "Timeline Entry Suppressed" check box is selected, then, if there is an entry timeline defined, it will be executed when the page becomes available. It will, however, be suppressed when a FIRE event is detected.
- **Display and activate Children:**
- If "Toggle Children on FIRE" is selected, then all children will become visible as soon as a FIRE event is detected on the parent object. If any of those children have animations or timelines assigned to them then those animations will begin immediately. A subsequent FIRE event will cause those children to disappear.
- **Hide non-related Children**
- If the "Hide non-related Children" check box is selected, then any other children that were visible because of the "Display and Activate Children" event described above, then they will immediately disappear.
- **Object FIRE Audio:**

If an object Fire audio track has been assigned to this object then this audio track will immediately start to play. There are four possible settings as shown in the graphic below.

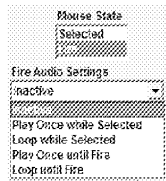


Fig 14.3

## 3: Tips

## a: Using Both Timelines and Exit Events:

Because the timeline events will be completed before the exit event for button and image objects, interesting farewell messages can be constructed.

## b: Advanced Event based Visual and Audio Effects:

In previous chapters, features and techniques have been discussed which utilized the static and timeline based overlapping of objects with the utilization of various audio and visual attributes that can be specified for these objects. With events, a new universe of user interactions can now be implemented using these dynamic visual and audio interactions between objects, and between the objects' children.

## c: Multiple Simultaneous Timeline Events:

You can overlay button and/or image objects on top of each other, each of which may have timeline events associated with them. When the mouse is clicked over these objects all associated timelines will be activated simultaneously.

## D: Waypoints

When an object has an animation direction of either custom or multi-point, waypoints are the starting points, points where there was a pause or direction change and the ending points of an object's course or path. They are identified by blue squares.

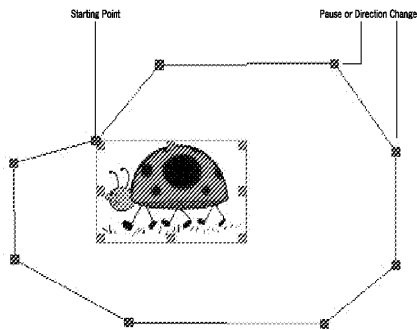


Fig 144

### 1: How to Create:

To create waypoints, first select the object to be animated and then choose either the "Custom" or "Multi-Point" animation direction and create your path.

### 2: How to Define:

To define waypoints, make sure the object is selected and then either choose the "Events" menu and click on "Waypoints" or right click on the object and choose "Waypoints".

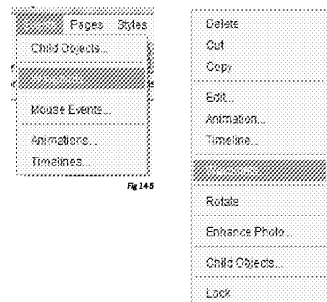


Fig 145

Fig 146

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The "Define Waypoints" dialog box will appear. The items in this dialog box tell you what values have been assigned to a particular waypoint.

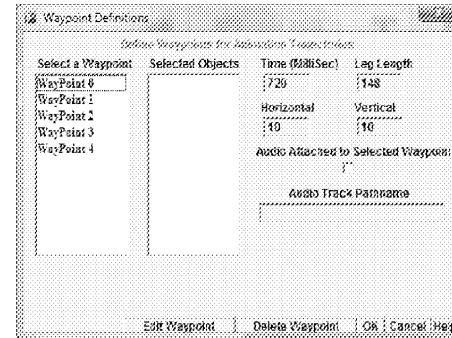


Fig 147

"Select a Waypoint" shows all the waypoints for the object.

"Selected Objects" shows which object is currently selected for defining, if there are multiple objects on the web page.

"Time" is the length of time the object takes to traverse that leg in the path.

"Horizontal" and "Vertical" shows the current position of that waypoint.

"Leg Length" is the length of the leg beginning with the selected waypoint to the next one.

The "Audio Attached" check box tells you if an audio has been assigned, and, if so, which audio track has been assigned to the selected waypoint.

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### 3: How to Edit:

The "Edit Waypoint" button allows you to change the above positions and lengths. After selecting a waypoint, clicking this button takes you to the "Edit WayPoints" dialog box (below).

The values of the selected waypoint are displayed and can be changed by typing in a new value. An audio track for each waypoint can be changed or added; choose from the Express Mobile audio library or import your own track.

Also any number of objects can be selected for this waypoint. When that waypoint is reached while the object is moving along its trajectory, then any waypoint selected objects, if they have a timeline associated with them, will have their timeline activated.

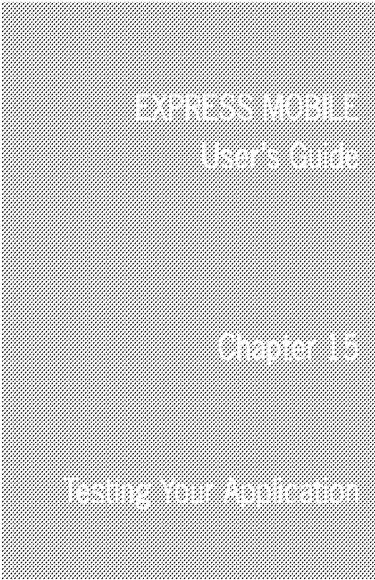
Selected Objects	Object candidates	Lag Length
second base	Home	190
third base	Time (000Sec)	500
second base	first base	500

Fig 14.8

### 4: How to Delete a WayPoint:

Select the desired waypoint and then touch the "Delete Waypoint" button.

"Audio" tells you which audio track (if any) has been assigned to the selected waypoint.



## Chapter 15: Testing Your Application

Testing an Application created in Publisher	15.04
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## Chapter 15 : Glossary

Emulator	Any tool that will, more or less, produce a similar result as what would occur on the Mobile Device itself.
WTK	Sun Java Wireless Toolkit for CLDC

## Testing an Application Created in Publisher

A very convenient way to observe how an application will perform is to select the "Launch" command from the View Menu. As long as one of the supported browsers is available (Opera, Internet Explorer, or FireFox) then the application will be launched in that browser. Note that the Express Mobile Java J2SE Player will be invoked, but the operations will be quite similar, except that the mouse will become the pointing device. If the intention is to run this application on a Java CDC device (such as Set top Boxes, Google Android devices, or Java-based telematic devices, then this will demonstrate almost perfectly how the application will run in these different environments.

Once you have saved an application in Publisher you may wish to see how it would appear on a phone or on a phone emulator. To run the application on a device, the player portion of the application must be downloaded at least once. Once the player is available on the device, you can modify the application, and in most cases, will not need to download the player again. Simply re-launching the application will instantly display the changes.

This discussion assumes a development and test environment. An application that has been edited may not be immediately available to the end user, as stated here, due to procedural requirements. However, in general, designers and developers should have immediate access to updated applications so that the applications can be tested and validated.

## Required Information

You need the following information before continuing with the player download:

- The username for Publisher (from the Log In dialog box)
- The server to which Publisher client is connected (from the Log In dialog box)
- The name given to the application (from the Save or Save As dialog box)

For this example let us use the following names:

- Username: myname
- Server: publisher.com
- Application: MyApp

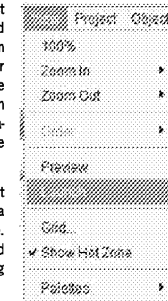


Fig 15.1



#### Address of Application

The web address (also called URL or Uniform Resource Locator) of the mobile application for Java enabled devices has two distinct constructions.

##### Accessing Applications via Response Director

Response Director provides a single URL for a given application. The Response Director will determine the proper player files to send to the device that is requesting the application.

The construct of a URL for an application is:

`http://server/get/username/appname`

where:

`server` is the domain name or IP address of the Publisher server

`username` is the author's Publisher username

`appname` is the name given by the author to the mobile application.

For example:

`http://publisher.com/get/myname/MyApp`

This URL is case sensitive. This URL construct is the preferred method for accessing applications. However, this method may not work for all phones, nor will it work for the phone emulator. If this method does not work, use the alternate method discussed in the following section.

#### Accessing Applications via Direct URL

This URL construct accesses the .jad file directly. This should be used when testing via the emulator and when the Response Director method does not work for a device. Note that this method may not be available to end users for security reasons. Contact your System Administrator to see if the Direct URL method is available to you.

The Direct URL construct has several options. Initially the most common URL will be described. The format is:

`http://server/%7eusername/WebSites/appname/bin/appname.jad`

where:

`server` is the domain name or IP address of the Publisher server

`username` is the application author's Publisher username

`appname` is the name given by the author to the mobile application.

For example:

`http://publisher.com/%7emyname/WebSites/MyApp/bin/MyApp.jad`

This URL is case sensitive. This URL is normally for a QVGA sized application with code signing certificate.

All variations of URL are listed in the table below. Note that the QCIF variations may not be available if the author did not explicitly request auto-generation of QCIF version from QVGA version during a Save As operation.

Device Requirements	URL
QVGA Normal	<code>http://server/%7eusername/WebSites/appname/bin/appname.jad</code>
QVGA No Certificate	<code>http://server/%7eusername/WebSites/appname/bin/appnameNC.jad</code>
QVGA No File Access	<code>http://server/%7eusername/WebSites/appname/bin/appnameNF.jad</code>
QVGA No Certificate & No File Access	<code>http://server/%7eusername/WebSites/appname/bin/appnameNCNF.jad</code>
BlackBerry	<code>http://server/%7eusername/WebSites/appname/bin/appnameBB.jad</code>
PC Browser	<code>http://server/%7eusername/WebSites/appname/bin/appname.html</code>
QCIF Normal	<code>http://server/%7eusername/WebSites/appnameQCIF/bin/appnameQCIF.jad</code>
QCIF No Certificate	<code>http://server/%7eusername/WebSites/appnameQCIF/bin/appnameQCIFNC.jad</code>
QCIF No File Access	<code>http://server/%7eusername/WebSites/appnameQCIF/bin/appnameQCIFNF.jad</code>
QCIF No Certificate & No File Access	<code>http://server/%7eusername/WebSites/appnameQCIF/bin/appnameQCIFNCNF.jad</code>

### Using the Emulator

To use the phone emulator, you must download and install the Sun Java Wireless Toolkit for CLDC (WTK). This is available at:

<http://java.sun.com/products/sjwtoolkit/>

Your PC account must have privileges to install applications. At present, the WTK is only available for Windows and Linux environments.

Once you have installed the WTK, the recommended configuration for the emulator is as follows:

1. From Taskbar, go to Start→All Programs→Sun Java (TM) Wireless Toolkit 2.5.2 for CLDC→Preferences.
2. Go to the Security Category. For Security Policy, select JTWI; for Security Domain, select maximum.
3. Select the OK button and exit the Preferences utility.

Next select the device type that best matches the phone type you want to test. For the most general emulation the recommended setting is as follows:

1. From Taskbar, go to Start→All Programs→Sun Java (TM) Wireless Toolkit 2.5.2 for CLDC→Default Device Selection.
2. For Default Device, select DefaultColorPhone.
3. Select OK to exit the Default Device Selection utility.

To run a mobile Java application in the phone emulator, use your PC browser and type in the URL (web address) of the mobile application using the Direct URL construct. See section **Accessing Applications via Direct URL** for construction of the URL.

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### Downloading Over the Air (OTA) to a Mobile Device

When available, use the Response Director construct of the URL, as this is the preferred method. (As of this writing, BlackBerry devices must use the Direct URL method to access the player).

Typing in a long URL is tedious on mobile devices with a limited text entry capability. The simplest method is to use SMS to send the URL of the application to the device. For this, you will need the 10-digit NANPA (North American Numbering Plan Area) phone number, or if your SMS service allows, the country code and phone number of your mobile device with which you wish to load and test the application.

First, locate a suitable SMS service. There are several free services available from the PC to send SMS, including Yahoo! and AOL. Not all phones are reachable from some of these free services.

Once the appropriate SMS service has been located, enter in or select the phone number of the mobile device and type the URL of the application into the message area, as described in either section **Accessing Applications via Response Director** or section **Accessing Applications via Direct URL** above.

When your mobile device receives the SMS, open the message and select the URL within the message. Then select the menu option that allows you to link to the URL. These are variously labeled as "Link to" or "Go to" in the device's menu.

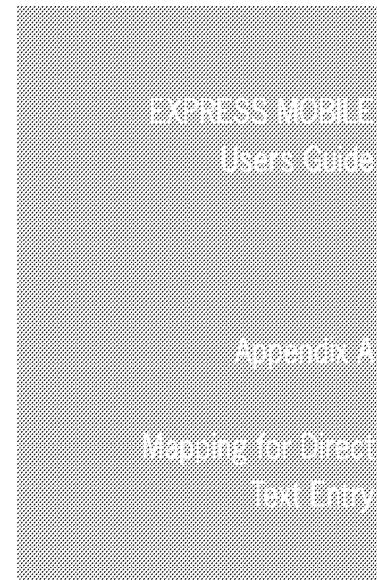
Along the way you may encounter some or all of these types of messages, worded differently based on device model:

Type of Message	Appropriate Answer
Confirm download of application MyApp?	Yes
Choice of connection type?	Choose the appropriate highest speed connection. The choice will depend on your operator settings.
Application MyApp is untrusted. Download OK?	Yes
Application MyApp version xxx already exists. Overwrite with version yyy?	Yes
Remove Previous Data?	If you retain the data, the state of the last run of the application will remain, such as the cache — which will speed up the access. If on the other hand you want to test the pristine state of the application, removal of the application data is recommended.

Table 1 - Types of Messages during Application Player Download

If SMS is not available, you can key in the URL in the mobile device's browser. If you plan to download new versions frequently, you may want to use a bookmarking feature available on most browsers.

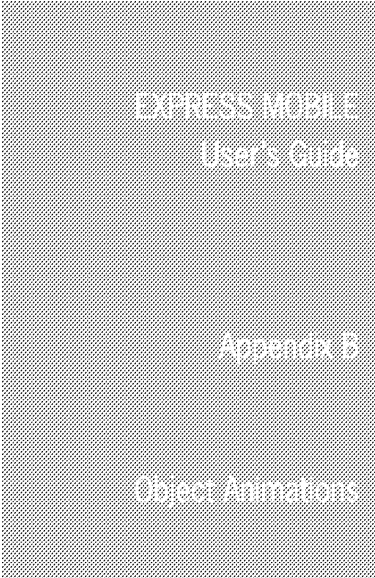
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Consecutive presses on the same key without pause allow entry of the following characters.

Pressing one more than the number of defined consecutive keystrokes returns to the first character.

Number of keypresses on same key without pause→									
Key↓	1	2	3	4	5	6	7	8	9
0	space	0	+						
1	.	,	@	1	?	!	*	#	/
2 abc	a	b	c	2					
3 def	d	e	f	3					
4 ghi	g	h	i	4					
5 jkl	j	k	l	5					
6 mno	m	n	o	6					
7 pqrs	p	q	r	s	7				
8 tuv	t	u	v	8					
9 wxyz	w	x	y	z	9				
*	(reserved for launch strip use)								
#	(reserved for launch strip use)								



General Directions:

- |                |              |
|----------------|--------------|
| 1. Custom      | 17. Enter E  |
| 2. Multi-Point | 18. Enter SE |
| 3. Seek Cursor | 19. Enter S  |
| 4. Attach      | 20. Enter SW |
| 5. Deposit     | 21. Enter W  |
| 6. Send Home   | 22. Enter NW |
| 7. Carom N     | 23. Exit N   |
| 8. Carom NE    | 24. Exit NE  |
| 9. Carom E     | 25. Exit E   |
| 10. Carom SE   | 26. Exit SE  |
| 11. Carom S    | 27. Exit S   |
| 12. Carom SW   | 28. Exit SW  |
| 13. Carom W    | 29. Exit W   |
| 14. Carom NW   | 30. Exit NW  |
| 15. Enter N    | 31. Hover    |
| 16. Enter NE   |              |

General Animations for Text Objects:

- |             |               |
|-------------|---------------|
| 1. Fade     | 10. Zoom Out  |
| 2. Zoom     | 11. Grow NW   |
| 3. Zoom SE  | 12. Grow NE   |
| 4. Zoom SW  | 13. Grow SE   |
| 5. Zoom NW  | 14. Grow SW   |
| 6. Zoom NE  | 15. Shrink SE |
| 7. Fade in  | 16. Shrink SW |
| 8. Fade Out | 17. Shrink NW |
| 9. Zoom In  | 18. Shrink NE |

## General Animations for Shapes &amp; Images:

- |                             |               |
|-----------------------------|---------------|
| 1. Spin Left                | 15. Zoom NW   |
| 2. Spin Right               | 16. Zoom NE   |
| 3. Flip Left     for shapes | 17. Fade In   |
| 4. Flip Right     only      | 18. Fade Out  |
| 5. Fade                     | 19. Zoom In   |
| 6. Rotate W-E               | 20. Zoom Out  |
| 7. Swing W-E                | 21. Grow NW   |
| 8. Swivel W-E               | 22. Grow NE   |
| 9. Rotate N-S               | 23. Grow SE   |
| 10. Swing N-S               | 24. Grow SW   |
| 11. Swivel N-S              | 25. Shrink SE |
| 12. Zoom                    | 26. Shrink SW |
| 13. Zoom SE                 | 27. Shrink NW |
| 14. Zoom SW                 | 28. Shrink NE |

## Entry Motions:

- |             |             |
|-------------|-------------|
| 1. Enter N  | 5. Enter S  |
| 2. Enter NE | 6. Enter SW |
| 3. Enter E  | 7. Enter W  |
| 4. Enter SE | 8. Enter NW |

## Entry Methods:

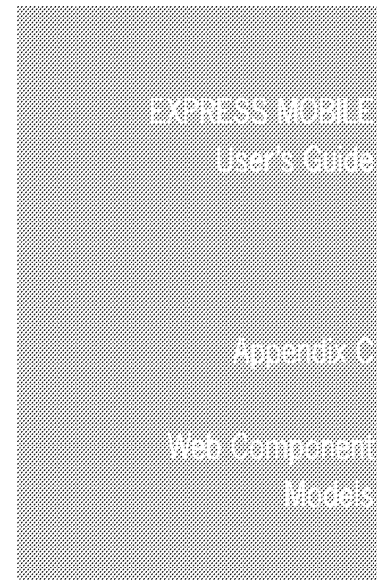
- |            |            |
|------------|------------|
| 1. Fade In | 4. Grow NE |
| 2. Zoom In | 5. Grow SE |
| 3. Grow NW | 6. Grow SW |

## Exit Motions:

- |            |            |
|------------|------------|
| 1. Exit N  | 5. Exit S  |
| 2. Exit NE | 6. Exit SW |
| 3. Exit E  | 7. Exit W  |
| 4. Exit SE | 8. Exit NW |

## Exit Methods:

- |              |              |
|--------------|--------------|
| 1. Fade Out  | 4. Shrink NE |
| 2. Zoom Out  | 5. Shrink SE |
| 3. Shrink NW | 6. Shrink SW |



## 1: RSS: USA Today Top Stories

```

<?xml version="1.0" encoding="utf-8" ?>
<WebComponentModel xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:
schemaLocation="http://webcomponents.xpressmo.com ../webcomponentmodel.xsd" xmlns="http://
webcomponents.xpressmo.com" name="RSS1" group="Examples" PlayerURL="http://localhost:8080/
wcm/playerreq" ServiceURL="http://rssfeeds.usatoday.com/usatoday-NewsTopStories">
<Inputs />
<Outputs>
<Parameter name="channel-title" dataType="ChannelTitle" paramType="response" ServiceMap-
ping="//rss/channel/title" use="optional">
<Comment>RSS Channel Title</Comment>
</Parameter>
<Parameter name="channel-description" dataType="ChannelDescription" paramType="response"
ServiceMapping="//rss/channel/description" use="optional">
<Comment>RSS Channel Description</Comment>
</Parameter>
<Parameter name="channel-image-uri" dataType="ChannelImageURI" paramType="response" Ser-
viceMapping="//rss/channel/image/uri" use="optional">
<Comment>RSS Channel Image URL</Comment>
</Parameter>
<List ServiceMapping="//rss/channel/item" name="rssitems" controlParam="item-title">
<Parameter name="item-title" dataType="RSSList" paramType="response"
ServiceMapping="title" use="required">
<Comment>RSS Feed Item title</Comment>
</Parameter>
<Parameter name="item-link" dataType="String" paramType="response"
ServiceMapping="link" use="optional">
<Comment>RSS Feed Item title</Comment>
</Parameter>
<Parameter name="item-description" dataType="multilineString" paramType="response"
ServiceMapping="description" use="optional">
<Comment>RSS Feed Item title</Comment>
</Parameter>
</List>
</Outputs>
</WebComponentModel>

```

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## 2: Yahoo Search

```

<?xml version="1.0" encoding="utf-8" ?>
<WebComponentModel xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:
schemaLocation="http://webcomponents.xpressmo.com ../webcomponentmodel.xsd" xmlns="http://
webcomponents.xpressmo.com" name="WebSearch" group="Yahoo" XpathNS="urn:yahoo:srch"
PlayerURL="http://localhost:8080/wcm/playerreq" ServiceURL="http://api.search.yahoo.com/Web-
SearchService/V1/webSearch?appid=dg5C0s_V34EXXzvP1a_evRtoETocFkDl9KImJlHlAKy7hmZ3Of-
usRnThelnl8">
<Inputs>
<Parameter name="in1" dataType="String" paramType="request" use="required"
ServiceMapping="query">
<Comment>the search term string</Comment>
</Parameter>
<Parameter name="in2" dataType="int" paramType="request" use="optional" ServiceMapping="results"
defaultValue="10">
<Comment>The number of results to return, defaults to 10</Comment>
</Parameter>
</Inputs>
<Outputs>
<Parameter ServiceMapping="//ns:ResultSet/@totalResultsAvailable" name="totalResultsAvail"
dataType="int" use="optional">
<Comment>The total results available</Comment>
</Parameter>
<Parameter ServiceMapping="//ns:ResultSet/@totalResultsReturned" name="totalResultsReturned"
dataType="int" use="optional">
<Comment>The total results returned</Comment>
</Parameter>
<List ServiceMapping="//ns:ResultSet/ns:Result" name="searchResults" controlParam="Title">
<Parameter name="Title" dataType="ComplexList" use="optional" ServiceMapping="Title">
<Comment>The title of the search result link</Comment>
</Parameter>
<Parameter name="URL" dataType="String" ServiceMapping="Uri" use="optional">
<Comment>The URL to the search result</Comment>
</Parameter>
<Parameter name="ClickURL" dataType="String" use="optional" ServiceMapping="ClickUri">
<Comment>The click thru URL to the search result</Comment>
</Parameter>
<Parameter name="DisplayURL" dataType="String" use="optional" ServiceMapping="DisplayU-
ri">
<Comment>A display URL for the user to see for the search result</Comment>
</Parameter>
<Parameter name="Summary" dataType="multilineString" use="optional" ServiceMapping="S-
ummary">
<Comment>Short paragraph of the search result page</Comment>
</Parameter>
</List>
</Outputs>
</WebComponentModel>

```

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## 3: Yahoo Maps

```
<?xml version="1.0" encoding="utf-8" ?>
<WebComponentModel xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:
schemaLocation="http://webcomponents.xpressmo.com ./webcomponentmodel.xsd" xmlns="http://
webcomponents.xpressmo.com" name="Maps" group="Yahoo" PlayerURL="http://localhost:8080/
wcm/playerreq" ServiceURL="http://local.yahooapis.com/MapsService/V1/mapImage?appid=dgSG0s.
V34EXxvP1a_evRroETooFKDl9KlmJiHlAKy7hmZ3Of.usRnThel1n.l8->
<Inputs>
<Parameter name="street" dataType="String" paramType="request" use="optional"
ServiceMapping="street">
<Comment>Street Address</Comment>
</Parameter>
<Parameter name="city" dataType="String" paramType="request" use="optional"
ServiceMapping="city">
<Comment>City</Comment>
</Parameter>
<Parameter name="state" dataType="String" paramType="request" use="optional"
ServiceMapping="state">
<Comment>2 Letter state code</Comment>
</Parameter>
<Parameter name="zip" dataType="Int" paramType="request" use="optional" ServiceMapping="zip">
<Comment>5 digit zip or 5-4 zip</Comment>
</Parameter>
<Parameter name="location" dataType="String" paramType="request" use="optional" ServiceMapping
="location">
<Comment>street city state zip location</Comment>
</Parameter>
<!-- need new data type for decimal values -->
<Parameter name="latitude" dataType="String" paramType="request" use="optional" ServiceMapping=
"latitude">
<Comment>float: -90 to 90 The latitude of the starting location.</Comment>
</Parameter>
<Parameter name="longitude" dataType="String" paramType="request" use="optional" ServiceMapping
="longitude">
<Comment>float: -180 to 180 The longitude of the starting location. If both latitude and longitude
are specified, they will take priority over all other location data. If only one of latitude or longi-
tude is specified, both will be ignored.</Comment>
</Parameter>
<Parameter name="image_type" dataType="String" paramType="request" use="optional"
ServiceMapping="image_type">
<Comment>png (default) or gif The image format for the map.</Comment>
</Parameter>
<Parameter name="image_height" dataType="Int" paramType="request" use="optional"
ServiceMapping="image_height">
<Comment>integer: 10 to 2000 (default: 500) The height of the image being generated, in pixels.</
Comment>
</Parameter>
<Parameter name="image_width" dataType="Int" paramType="request" use="optional"
ServiceMapping="image_width">
<Comment>integer: 10 to 2000 (default: 620) The width of the image being generated, in pixels.</
Comment>
</Parameter>
```

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```
<Parameter name="zoom" dataType="List" paramType="request" use="optional"
ServiceMapping="zoom">
<Comment>integer: 1 to 12 (default: 6) The zoom level for the map, from 1 (street level) to 12
(country level). If a radius is specified, this is ignored.</Comment>
<ListValues value="1">Street Level 1</ListValues>
<ListValues value="2">Street Level 2</ListValues>
<ListValues value="3">Street Level 3</ListValues>
<ListValues value="4">City Level 1</ListValues>
<ListValues value="5">City Level 2</ListValues>
<ListValues value="6">City Level 3</ListValues>
<ListValues value="7">County Level 1</ListValues>
<ListValues value="8">County Level 2</ListValues>
<ListValues value="9">State Level 1</ListValues>
<ListValues value="10">State Level 1</ListValues>
<ListValues value="11">State Level 2</ListValues>
<ListValues value="12">Country Level 1</ListValues>
</Parameter>
<Parameter name="radius" dataType="String" paramType="request" use="optional"
ServiceMapping="radius">
<Comment>float How far (in miles) from the specified location to display on the map. The default
radius varies according to the location given and the zoom level.</Comment>
</Parameter>
<Inputs>
<Outputs>
<Parameter ServiceMapping="//Result" name="Result" dataType="ImageURL" use="required">
<Comment>The image URL returned.</Comment>
</Parameter>
</Outputs>
</WebComponentModel>
```

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## 4: Movies

```
<?xml version="1.0" encoding="utf-8" ?>
<WebComponentModel xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:
schemaLocation="http://webcomponents.xpressmo.com ./webcomponentmodel.xsd" xmlns="http://
webcomponents.xpressmo.com" name="Movies" group="Examples" PlayerURL="http://localhost:8080/
wcm/playerreq" ServiceURL="http://inx.xpressmo.com/movies_rss.xml">
<Inputs />
<Outputs>
<Parameter name="channel-title" dataType="ChannelTitle" paramType="response" ServiceMap-
ping="//rss/channel/title" use="optional">
  <Comment>RSS Channel Title </Comment>
</Parameter>
<Parameter name="channel-description" dataType="ChannelDescription" paramType="response"
ServiceMapping="//rss/channel/description" use="optional">
  <Comment>RSS Channel Description </Comment>
</Parameter>
<Parameter name="channel-image-url" dataType="ChannelImageURL" paramType="response" Ser-
viceMapping="//rss/channel/image/url" use="optional">
  <Comment>RSS Channel Image URL </Comment>
</Parameter>
<List ServiceMapping="//rss/channel/item" name="rsitems" controlParam="item-title">
  <Parameter name="item-title" dataType="RSSList" paramType="response"
ServiceMapping="title" use="required">
    <Comment>RSS Item title of video </Comment>
  </Parameter>
  <Parameter name="item-link" dataType="VideoURL" paramType="response"
ServiceMapping="link" use="optional">
    <Comment>RSS Item link - RTSP video URL </Comment>
  </Parameter>
  <Parameter name="item-description" dataType="multilineString" paramType="response"
ServiceMapping="description" use="optional">
    <Comment>RSS Item short description of video </Comment>
  </Parameter>
</List>
</Outputs>
</WebComponentModel>
```

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## 5: Accuweather

```
<?xml version="1.0" encoding="utf-8" ?>
<WebComponentModel xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:
schemaLocation="http://webcomponents.xpressmo.com ./webcomponentmodel.xsd" xmlns="http://
webcomponents.xpressmo.com" removeHTML="true" name="Weather2" group="Examples"
ServiceURL="http://rss.accuweather.com/rss/liveweather_rss.asp?metric=0">
<Managers>
<Manager type="qa" url="http://qa.xpressmo.com/wcm/playerreq" />
<Manager type="dev" url="http://dev.xpressmo.com/wcm/playerreq" />
<Manager type="local" url="http://localhost:8080/wcm/playerreq" />
<Manager type="staging" url="http://stg.xpressmo.com/wcm/playerreq" />
<Manager type="product" url="http://cst.xpressmo.com/wcm/playerreq" />
</Managers>
<Inputs>
<Parameter ServiceMapping="locCode" name="zip" use="required" dataType="Int">
  <Comment>The ZIP code to get weather </Comment>
</Parameter>
</Inputs>
<Outputs>
<Parameter name="channel-title" dataType="ChannelTitle" paramType="response" ServiceMap-
ping="//rss/channel/title" use="optional">
  <Comment>RSS Channel Title </Comment>
</Parameter>
<Parameter name="channel-description" dataType="ChannelDescription" paramType="response"
ServiceMapping="//rss/channel/description" use="optional">
  <Comment>RSS Channel Description </Comment>
</Parameter>
<Parameter name="channel-image-url" dataType="ChannelImageURL" paramType="response" Ser-
viceMapping="//rss/channel/image/url" use="optional">
  <Comment>RSS Channel Image URL </Comment>
</Parameter>
<!-- current weather -->
<Parameter name="currentweather" dataType="String" paramType="response" ServiceMapping="//rss/
channel/item[1]/title" use="optional">
  <Comment>Today's current weather </Comment>
</Parameter>
<Parameter name="currentweather-link" dataType="String" paramType="response" ServiceMapping="//
rss/channel/item[1]/link" use="optional">
  <Comment>Today's current weather URL </Comment>
</Parameter>
<Parameter name="currentweather-description" dataType="multilineString" paramType="response"
ServiceMapping="//rss/channel/item[1]/description" use="optional" containsHTML="true">
  <Comment>Today's weather description </Comment>
</Parameter>
<Parameter ServiceMapping="//rss/channel/item[1]/description" name="currentweather-img-src"
use="optional" dataType="ImageURL" paramType="EHTML" EmbeddedMapping="img/@src">
  <Comment>Today's weather embedded image src of the forecast gif </Comment>
</Parameter>
<!-- Today's forecast -->
<Parameter name="todayweather" dataType="String" paramType="response" ServiceMapping="//rss/
channel/item[2]/title" use="optional">
  <Comment>Today's forecast weather </Comment>
```

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```

</Parameter>
<Parameter name="todayweather-link" dataType="String" paramType="response" ServiceMapping="/
rss/channel/item[2]/link" use="optional">
  <Comment>Today's forecast weather URL </Comment>
</Parameter>
<Parameter name="todayweather-description" dataType="multilineString" paramType="response"
ServiceMapping="/rss/channel/item[2]/description" use="optional" containsHTML="true">
  <Comment>Today's forecast weather description </Comment>
</Parameter>
<Parameter ServiceMapping="/rss/channel/item[2]/description" name="todayweather-img-src"
use="optional" dataType="ImageURL" paramType="HTML" EmbeddedMapping="img@src">
  <Comment>Today's forecast weather embedded image src of the forecast gif </Comment>
</Parameter>
<!-- Tomorrow's forecast -->
<Parameter name="tomorrowweather" dataType="String" paramType="response" ServiceMapping="//
rss/channel/item[3]/title" use="optional">
<Comment>Today's forecast weather </Comment>
</Parameter>
<Parameter name="tomorrowweather-link" dataType="String" paramType="response" ServiceMap-
ping="/rss/channel/item[3]/link" use="optional">
  <Comment>Today's forecast weather URL </Comment>
</Parameter>
<Parameter name="tomorrowweather-description" dataType="multilineString"
paramType="response" ServiceMapping="/rss/channel/item[3]/description" use="optional"
containsHTML="true">
  <Comment>Today's forecast weather description </Comment>
</Parameter>
<Parameter ServiceMapping="/rss/channel/item[3]/description" name="tomorrowweather-img-src"
use="optional" dataType="ImageURL" paramType="HTML" EmbeddedMapping="img@src">
  <Comment>Today's forecast weather embedded image src of the forecast gif </Comment>
</Parameter>
</Outputs>
</WebComponentModel>

```

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## 6: Yahoo Weather

```

<?xml version="1.0" encoding="utf-8" ?>
<WebComponentModel xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:
schemaLocation="http://webcomponents.xpressmo.com/webcomponentmodel.xsd" xmlns="http://
webcomponents.xpressmo.com" removeHTML="true" name="YWeather" group="Yahoo"
ServiceURL="http://weather.yahooapis.com/forecstrss">
  <Managers>
    <Manager type="qa" url="http://qa.xpressmo.com/wcm/playerreq" />
    <Manager type="dev" url="http://dev.xpressmo.com/wcm/playerreq" />
    <Manager type="local" url="http://localhost:8080/wcm/playerreq" />
    <Manager type="staging" url="http://stg.xpressmo.com/wcm/playerreq" />
    <Manager type="product" url="http://cst.xpressmo.com/wcm/playerreq" />
  </Managers>
  <Namespaces>
    <Namespace prefix="yweather" uri="http://xml.weather.yahoo.com/rs/rss/1.0" />
    <Namespace prefix="geo" uri="http://www.w3.org/2003/01/geo/wgs84_pos#" />
  </Namespaces>
  <Inputs>
    <Parameter ServiceMapping="p" name="zip" use="required" dataType="Int">
      <Comment>The ZIP code to get weather </Comment>
    </Parameter>
  </Inputs>
  <Outputs>
    <Parameter name="channel-title" dataType="ChannelTitle" paramType="response" ServiceMap-
ping="/rss/channel/title" use="optional">
      <Comment>Channel title with Location selected </Comment>
    </Parameter>
    <Parameter name="channel-description" dataType="ChannelDescription" paramType="response"
ServiceMapping="/rss/channel/description" use="optional">
      <Comment>Channel description with Location selected </Comment>
    </Parameter>
    <Parameter name="channel-image-uri" dataType="ChannelImageURL" paramType="response" Ser-
viceMapping="/rss/channel/image/uri" use="optional">
      <Comment>RSS Channel Image URL </Comment>
    </Parameter>
    <Parameter ServiceMapping="/rss/channel/yweather:location/@city" name="city" use="optional"
dataType="String">
      <Comment>The Location City </Comment>
    </Parameter>
    <Parameter ServiceMapping="/rss/channel/yweather:units/@temperature" name="units-temp"
use="optional" dataType="String">
      <Comment>The units of the temperature , C or F </Comment>
    </Parameter>
    <Parameter ServiceMapping="/rss/channel/yweather:atmosphere/@humidity" name="atm-humid-
ity" use="optional" dataType="String">
      <Comment>The atmosphere humidity </Comment>
    </Parameter>
    <Parameter ServiceMapping="/rss/channel/yweather:atmosphere/@pressure" name="pressure"
use="optional" dataType="String">
      <Comment>The atmosphere pressure </Comment>
    </Parameter>
    <Parameter ServiceMapping="/rss/channel/yweather:units/@pressure" name="units-pressure"

```

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```

    use="optional" dataType="String">
    <Comment>The units of pressure </Comment>
  </Parameter>
  <Parameter ServiceMapping="/rss/channel/item/title" name="title" use="optional"
    dataType="String">
    <Comment>The text "Conditions for (Location) at (Time)" </Comment>
  </Parameter>
  <Parameter ServiceMapping="/rss/channel/item/geo:lat" name="geo-lat" use="optional"
    dataType="String">
    <Comment>The Latitude of the Location </Comment>
  </Parameter>
  <Parameter ServiceMapping="/rss/channel/item/geo:long" name="geo-long" use="optional"
    dataType="String">
    <Comment>The Longitude of the Location </Comment>
  </Parameter>
  <Parameter ServiceMapping="/rss/channel/item/link" name="link" use="optional"
    dataType="String">
    <Comment>The URL to the detail page </Comment>
  </Parameter>
  <Parameter ServiceMapping="/rss/channel/item/yweather:condition/@text" name="weather-
    condition-text" use="optional" dataType="String">
    <Comment>The short text of the weather condition </Comment>
  </Parameter>
  <Parameter ServiceMapping="/rss/channel/item/yweather:condition/@code" name="weather-
    condition-code" use="optional" dataType="String">
    <Comment>The numeric Code of the weather condition </Comment>
  </Parameter>
  <Parameter ServiceMapping="/rss/channel/item/yweather:condition/@temp" name="weather-
    condition-temp" use="optional" dataType="String">
    <Comment>The temperature </Comment>
  </Parameter>
  <Parameter ServiceMapping="/rss/channel/item/yweather:condition/@date" name="weather-
    condition-date" use="optional" dataType="String">
    <Comment>The date </Comment>
  </Parameter>
  <Parameter ServiceMapping="/rss/channel/item/description" name="weather-description"
    use="optional" containsHTML="true" dataType="multilineString">
    <Comment>The HTML version of the weather condition </Comment>
  </Parameter>
  <Parameter ServiceMapping="/rss/channel/item/yweather:forecast[1]/@day" name="today-
    forecast-day" use="optional" dataType="String">
    <Comment>Today's day of week </Comment>
  </Parameter>
  <Parameter ServiceMapping="/rss/channel/item/yweather:forecast[1]/@date" name="today-
    forecast-date" use="optional" dataType="String">
    <Comment>Today's date </Comment>
  </Parameter>
  <Parameter ServiceMapping="/rss/channel/item/yweather:forecast[1]/@low" name="today-
    forecast-low" use="optional" dataType="String">
    <Comment>Today's forecast Low </Comment>
  </Parameter>
  <Parameter ServiceMapping="/rss/channel/item/yweather:forecast[1]/@high" name="today-
    forecast-high" use="optional" dataType="String">

```

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```

    <Comment>Today's forecast High </Comment>
  </Parameter>
  <Parameter ServiceMapping="/rss/channel/item/yweather:forecast[1]/@text" name="today-
    forecast-text" use="optional" dataType="String">
    <Comment>Today's forecast text </Comment>
  </Parameter>
  <Parameter ServiceMapping="/rss/channel/item/yweather:forecast[1]/@code" name="today-
    forecast-code" use="optional" dataType="String">
    <Comment>Today's forecast code </Comment>
  </Parameter>
  <!-- tomorrow -->
  <Parameter ServiceMapping="/rss/channel/item/yweather:forecast[2]/@day" name="tomorrow-
    forecast-day" use="optional" dataType="String">
    <Comment>Tomorrow's day of week </Comment>
  </Parameter>
  <Parameter ServiceMapping="/rss/channel/item/yweather:forecast[2]/@date" name="tomorrow-
    forecast-date" use="optional" dataType="String">
    <Comment>Tomorrow's date </Comment>
  </Parameter>
  <Parameter ServiceMapping="/rss/channel/item/yweather:forecast[2]/@low" name="tomorrow-
    forecast-low" use="optional" dataType="String">
    <Comment>Tomorrow's forecast Low </Comment>
  </Parameter>
  <Parameter ServiceMapping="/rss/channel/item/yweather:forecast[2]/@high" name="tomorrow-
    forecast-high" use="optional" dataType="String">
    <Comment>Tomorrow's forecast High </Comment>
  </Parameter>
  <Parameter ServiceMapping="/rss/channel/item/yweather:forecast[2]/@text" name="tomorrow-
    forecast-text" use="optional" dataType="String">
    <Comment>Tomorrow's forecast text </Comment>
  </Parameter>
  <Parameter ServiceMapping="/rss/channel/item/yweather:forecast[2]/@code" name="tomorrow-
    forecast-code" use="optional" dataType="String">
    <Comment>Tomorrow's forecast code </Comment>
  </Parameter>
</Output>
</WebComponentModel>

```

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## 7: RSS Stock Quotes

```
<?xml version="1.0" encoding="utf-8" ?>
<WebComponentModel xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:
schemaLocation="http://webcomponents.xpressmo.com ./webcomponentmodel.xsd" xmlns="http://
webcomponents.xpressmo.com" removeHTML="true" name="Stocks" group="Examples"
ServiceURL="http://www.quoterss.com/quote.php?fmt=0&Freq=0">
<Managers>
<Manager type="qa" url="http://qa.xpressmo.com/wcm/playerreq" />
<Manager type="dev" url="http://dev.xpressmo.com/wcm/playerreq" />
<Manager type="local" url="http://localhost:8080/wcm/playerreq" />
<Manager type="staging" url="http://stg.xpressmo.com/wcm/playerreq" />
<Manager type="product" url="http://cst.xpressmo.com/wcm/playerreq" />
</Managers>
<Inputs>
<Parameter ServiceMapping="symbol" name="symbol" use="required" dataType="String">
<Comment>The stock symbol code to get quote </Comment>
</Parameter>
</Inputs>
<Outputs>
<Parameter name="channel-title" dataType="ChannelTitle" parmType="response" ServiceMap-
ping="//rss/channel/title" use="optional">
<Comment>RSS Channel Title : symbol requested </Comment>
</Parameter>
<Parameter name="channel-description" dataType="ChannelDescription" parmType="response"
ServiceMapping="//rss/channel/description" use="optional">
<Comment>RSS Channel Description : quote RSS attribution </Comment>
</Parameter>
<list ServiceMapping="//rss/channel/item" name="rssitem" controlParm="item-title">
<Parameter name="item-title" dataType="RSSList" parmType="response"
ServiceMapping="title" use="required">
<Comment>Main quote string </Comment>
</Parameter>
<Parameter name="item-link" dataType="String" parmType="response" ServiceMapping="link"
use="optional">
<Comment>quote url </Comment>
</Parameter>
<Parameter name="item-description" dataType="multilineString" parmType="response"
ServiceMapping="description" use="optional" containsHTML="true">
<Comment>quote description contains HTML </Comment>
</Parameter>
<Parameter ServiceMapping="description" name="change" use="optional" dataType="String"
parmType="HTML" EmbeddedMapping="table/body/tr[1]/td[1]/table[1]/tbody[1]/tr[3]/
td[2]/font">
<Comment>The change for this stock, embedded in HTML </Comment>
</Parameter>
<Parameter ServiceMapping="description" name="percentChange" use="optional"
dataType="String" parmType="HTML" EmbeddedMapping="table/body/tr[1]/td[1]/table[1]/
tbody[1]/tr[4]/td[2]/font">
<Comment>The percent change for this stock, embedded in HTML </Comment>
</Parameter>
</list>
</Outputs>
```

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## 8: Map Quest

```
<?xml version="1.0" encoding="utf-8">
<WebComponentModel xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:
schemaLocation="http://webcomponents.xpressmo.com ./webcomponentmodel.xsd" xmlns="http://
webcomponents.xpressmo.com" ServiceURL="action" group="AOL" name="MapQuestCluster">
<Managers>
<Manager type="qa" url="http://qa.xpressmo.com/wcm/playerreq" />
<Manager type="dev" url="http://dev.xpressmo.com/wcm/playerreq" />
<Manager type="local" url="http://localhost:8080/wcm/playerreq" />
<Manager type="staging" url="http://stg.xpressmo.com/wcm/playerreq" />
<Manager type="product" url="http://cst.xpressmo.com/wcm/playerreq" />
</Managers>
<Actions>
<Action name="panN" class="com.xpressmo.webcomponents.mapquest.MapClusterAction" />
<Action name="panS" class="com.xpressmo.webcomponents.mapquest.MapClusterAction" />
<Action name="panE" class="com.xpressmo.webcomponents.mapquest.MapClusterAction" />
<Action name="panW" class="com.xpressmo.webcomponents.mapquest.MapClusterAction" />
<Action name="getPOI" class="com.xpressmo.webcomponents.mapquest.MapClusterAction" />
<Action name="getMapCluster" class="com.xpressmo.webcomponents.mapquest.MapClusterAction"
/>
</Actions>
<Inputs>
<Parameter ServiceMapping="TXID" name="TXID" dataType="String" use="optional">
<Comment>A transaction ID that the player uses when it needs to batch requests in session
(needs new dataType possibly) </Comment>
</Parameter>
<Parameter ServiceMapping="zip" name="zip" dataType="String" use="required">
<Comment>Zip code for map </Comment>
</Parameter>
<Parameter ServiceMapping="street" name="street" dataType="String" use="optional">
<Comment>Street address for map </Comment>
</Parameter>
<Parameter ServiceMapping="POI" name="POI" dataType="MultiSelectList" use="optional" multiSe-
lectDelimiter="[">
<Comment>Points of interest to use for the getPOI action </Comment>
<listValues value="3014">GAS STATION </listValues>
<listValues value="3016">RESTAURANT </listValues>
<listValues value="3021">HOTEL/GUEST HOUSE </listValues>
<listValues value="3025">PARKING LOT </listValues>
<listValues value="3029">CINEMA </listValues>
<listValues value="3002">ATM </listValues>
<listValues value="3010">AIRPORT </listValues>
<listValues value="3005">BUS STATION </listValues>
<listValues value="3003">TRAIN STATION </listValues>
</list>
</Parameter>
<Parameter ServiceMapping="height" name="height" dataType="Int" use="required">
<Comment>The returned image height </Comment>
</Parameter>
<Parameter ServiceMapping="width" name="width" dataType="Int" use="required">
<Comment>The returned image width </Comment>
</Parameter>
<Parameter ServiceMapping="mapScale" name="mapScale" dataType="PipelineMultipleSelect">
```

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```

use="required" defaultValue="48000" multiselectDelimiter="|">
<Comment>Map scale is defined as the proportion of map units to real-world units. For example,
if a map's scale is expressed as 10,000, this means a scale ratio of 1:10,000, meaning one map
unit represents 10,000 real-world units. On a map where one inch equals 5 miles, the scale ratio
is 1:316,800 because there are 316,800 inches in 5 miles. A typical city-level map might have
a scale of 1:24,000, while a typical state-level map might have a scale of 1:2,000,000. </Com-
ment>
<ListValues value="6000">Street 1 </ListValues>
<ListValues value="12000">Street 2 </ListValues>
<ListValues value="24000">City 1 </ListValues>
<ListValues value="48000">City 2 </ListValues>
<ListValues value="96000">City 3 </ListValues>
<ListValues value="192000">County 1 </ListValues>
<ListValues value="400000">County 2 </ListValues>
<ListValues value="800000">County 3 </ListValues>
<ListValues value="1600000">State 1 </ListValues>
<ListValues value="3000000">State 2 </ListValues>
<ListValues value="6000000">State 3 </ListValues>
<ListValues value="12000000">Country 1 </ListValues>
<ListValues value="24000000">Country 2 </ListValues>
<ListValues value="48000000">Continent </ListValues>
</Parameter>
<Parameter ServiceMapping="Lat" name="Lat" dataType="String" use="optional">
<Comment>The latitude to use instead of address </Comment>
</Parameter>
<Parameter ServiceMapping="Lng" name="Lng" dataType="String" use="optional">
<Comment>The longitude to use instead of address </Comment>
</Parameter>
</Inputs>
<Outputs>
<Parameter ServiceMapping="Lat" name="Lat" dataType="String" use="optional">
<Comment>The latitude returned from the getmap </Comment>
</Parameter>
<Parameter ServiceMapping="Lng" name="Lng" dataType="String" use="optional">
<Comment>The longitude returned from the getmap </Comment>
</Parameter>
<Parameter ServiceMapping="POI-MapImage" name="POI-MapImage" dataType="ImageData"
use="optional">
<Comment>The image data base 64 encoded for a POI map </Comment>
</Parameter>
<Parameter ServiceMapping="POI-MapURL" name="POI-MapURL" dataType="ImageURL"
use="required">
<Comment>The output map URL for a POI map </Comment>
</Parameter>
<List ServiceMapping="mapList" name="mapList">
<!-- for clustering requests and outputs to reduce net usage -->
<Parameter ServiceMapping="mapurl" name="mapurl" dataType="ImageURL" use="required">
<Comment>The output map URL </Comment>
</Parameter>
<Parameter ServiceMapping="mapScaleforURL" name="mapScaleforURL" dataType="String"
use="required">
<Comment>This is the mapscale that the corresponding map URL is for </Comment>
</Parameter>

```

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```

<Parameter ServiceMapping="mapImage" name="mapImage" dataType="ImageListData"
use="optional">
<Comment>The image data base 64 encoded </Comment>
</Parameter>
</List>
<List ServiceMapping="POIdataList" name="POIdataList" controlParam="name">
<Parameter ServiceMapping="pointName" name="pointName" dataType="ComplexList"
use="optional">
<Comment>The point of interest Name </Comment>
</Parameter>
<Parameter ServiceMapping="pointKey" name="pointKey" dataType="String" use="optional">
<Comment>The point of interest Key </Comment>
</Parameter>
<Parameter ServiceMapping="pointDistance" name="pointDistance" dataType="String"
use="optional">
<Comment>The point of interest distance in miles </Comment>
</Parameter>
<Parameter ServiceMapping="pointAddress" name="pointAddress" dataType="String"
use="optional">
<Comment>The street address for the point of interest </Comment>
</Parameter>
<Parameter ServiceMapping="pointPhoneNumber" name="pointPhoneNumber"
dataType="String" use="optional">
<Comment>The phone number for the point of interest </Comment>
</Parameter>
</List>
</Outputs>
</WebComponentModel>

```

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## 9: ThumbPlay Storefront

```

<?xml version="1.0" encoding="utf-8"?>
<WebComponentModel xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:
schemaLocation="http://webcomponents.xpressmo.com ./webcomponentmodel.xsd" xmlns="http://
webcomponents.xpressmo.com" ServiceURL="http://api.hosted.thumbplay.com/api/reel/search/conte
nt?pname=1244&maxReturnedResults=10" group="ThumbPlay" name="Search">
<Managers>
<Manager type="qa" url="http://qa.xpressmo.com/wcm/playerreq" />
<Manager type="dev" url="http://dev.xpressmo.com/wcm/playerreq" />
<Manager type="local" url="http://localhost:8080/wcm/playerreq" />
<Manager type="staging" url="http://stg.xpressmo.com/wcm/playerreq" />
<Manager type="product" url="http://cst.xpressmo.com/wcm/playerreq" />
</Managers>
<Namespaces>
<Namespace prefix="ns2" uri="http://search.service.api.thumbplay.com/" />
</Namespaces>
<Inputs>
<Parameter ServiceMapping="keywords" name="keywords" dataType="String" use="required">
<Comment>The search keywords </Comment>
</Parameter>
<Parameter ServiceMapping="contentTypes" name="contentTypes" dataType="MultiSelectList"
use="required" multiSelectDelimiter="|">
<Comment>Pipe (|) separated values, One of: Music ringtone, Ringtone, Wallpaper, Animation,
Game, Video </Comment>
<ListValues value="Music ringtone">Music ringtone </ListValues>
<ListValues value="Ringtone">Ringtone </ListValues>
<ListValues value="Wallpaper">Wallpaper </ListValues>
<ListValues value="Animation">Animation </ListValues>
<ListValues value="Game">Game </ListValues>
<ListValues value="Video">Video </ListValues>
</Parameter>
</Inputs>
<Outputs>
<List ServiceMapping="//ns2:findContentResponse/contentResults/contentResult"
name="resultList" controlParam="title">
<Parameter ServiceMapping="albumName" name="albumName" dataType="String"
use="optional">
<Comment>The album name </Comment>
</Parameter>
<Parameter ServiceMapping="artist" name="artist" dataType="String" use="optional">
<Comment>The artist name </Comment>
</Parameter>
<Parameter ServiceMapping="artistId" name="artistId" dataType="String" use="optional">
<Comment>The artist ID </Comment>
</Parameter>
<Parameter ServiceMapping="contentId" name="contentId" dataType="String" use="optional">
<Comment>The content ID </Comment>
</Parameter>
<Parameter ServiceMapping="contentType" name="contentType" dataType="String"
use="optional">
<Comment>The content type </Comment>
</Parameter>

```

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```

<Parameter ServiceMapping="imageSmallURL" name="imageSmallURL" dataType="ImageURL"
use="optional">
<Comment>The small image URL 75x75 jpg </Comment>
</Parameter>
<Parameter ServiceMapping="imageMediumURL" name="imageMediumURL"
dataType="ImageURL" use="optional">
<Comment>The medium image URL 150x150 jpg </Comment>
</Parameter>
<Parameter ServiceMapping="mobilePurchaseURL" name="mobilePurchaseURL"
dataType="PurchaseURL" use="optional">
<Comment>The mobile (WAP) purchase page URL </Comment>
</Parameter>
<Parameter ServiceMapping="previewURL" name="previewURL" dataType="AudioURL"
use="optional">
<Comment>The mp3 preview URL, if ringtones found </Comment>
</Parameter>
<Parameter ServiceMapping="title" name="title" dataType="ComplexList" use="optional">
<Comment>The content title </Comment>
</Parameter>
</List>
</Outputs>
</WebComponentModel>

```

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## 10: Facebook

```
<?xml version="1.0" encoding="utf-8"?>
<WebComponentModel xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:
schemaLocation="http://webcomponents.xpressmo.com./webcomponentmodel.xsd" xmlns="http://
webcomponents.xpressmo.com" ServiceURL="action" group="FaceBook" name="FBActions">
<Managers>
<Manager type="qa" url="http://qa.xpressmo.com/wcm/playerreq" />
<Manager type="dev" url="http://dev.xpressmo.com/wcm/playerreq" />
<Manager type="local" url="http://localhost:8080/wcm/playerreq" />
<Manager type="staging" url="http://stg.xpressmo.com/wcm/playerreq" />
<Manager type="product" url="http://csd.xpressmo.com/wcm/playerreq" />
</Managers>
<Actions>
<Action name="getFriends" class="com.xpressmo.webcomponents.facebook.FaceBookAction" />
<Action name="setStatus" class="com.xpressmo.webcomponents.facebook.FaceBookAction" />
<Action name="sendIM" class="com.xpressmo.webcomponents.facebook.FaceBookAction" />
</Actions>
<Inputs>
<Parameter ServiceMapping="fbSession" name="fbSession" dataType="String" use="required">
<Comment>The infinite session key from FaceBook for our application for the test user </Com-
ment>
</Parameter>
<Parameter ServiceMapping="IM" name="IM" dataType="String" use="optional">
<Comment>The instant message text to send for sendIM </Comment>
</Parameter>
<Parameter ServiceMapping="uid" name="uid" dataType="Int" use="optional">
<Comment>The FaceBook user id to send a message to for sendIM </Comment>
</Parameter>
<Parameter ServiceMapping="statusMessage" name="statusMessage" dataType="String"
use="optional">
<Comment>The status message text to set for setStatus </Comment>
</Parameter>
</Inputs>
<Outputs>
<List ServiceMapping="friendList" name="friendList" controlParam="uid">
<Parameter ServiceMapping="uid" name="uid" dataType="Int" use="optional">
<Comment>The FaceBook uid for that friend </Comment>
</Parameter>
<Parameter ServiceMapping="name" name="name" dataType="String" use="optional">
<Comment>The friend's name </Comment>
</Parameter>
<Parameter ServiceMapping="pic" name="pic" dataType="ImageURL" use="optional">
<Comment>The URL to the friend's thumbnail JPG </Comment>
</Parameter>
<Parameter ServiceMapping="status" name="status" dataType="String" use="optional">
<Comment>The friend's status message, may be blank </Comment>
</Parameter>
</List>
</Outputs>
</WebComponentModel>
```

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## How to create a Web Component Model

## REST XML Example

Get the schema XSD webcomponentmodel.xsd to validate your model XML from the installation at Publishing-Server/xsd.

Load into Eclipse or Oxygen IDE

Create a new XML file and associate the schema

Add the name, group schema attributes and namespace

You should have an example of the feed XML that is returned also to construct the XPATH mappings

Setup a model for the USA Today news RSS feed. Add the Feed URL as the Service URL, add the Managers and Manager Elements as the URLs to the web component manager you are using.

```
<WebComponentModel xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:schemaLocation="http://webcomponents.xpressmo.com./webcomponentmodel.xsd"
xmlns="http://webcomponents.xpressmo.com"
xmlns:xs="http://www.w3.org/2001/XMLSchema"
group="Examples"
ServiceURL="http://rssfeeds.usatoday.com/usatoday-NewsTopStories">

<Managers>
<Manager type="qa" url="http://qa.xpressmo.com/wcm/playerreq"/>
<Manager type="dev" url="http://dev.xpressmo.com/wcm/playerreq"/>
<Manager type="local" url="http://localhost:8080/wcm/playerreq"/>
<Manager type="staging" url="http://stg.xpressmo.com/wcm/playerreq"/>
<Manager type="product" url="http://csd.xpressmo.com/wcm/playerreq"/>
</Managers>

</WebComponentModel>
```

Here is a USA Today news RSS feed example XML

<http://rssfeeds.usatoday.com/usatoday-NewsTopStories>

Define the Inputs to the service

For this service there are no inputs, it is just a RSS feed.

```
<WebComponentModel xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:schemaLocation="http://webcomponents.xpressmo.com./webcomponentmodel.xsd"
xmlns="http://webcomponents.xpressmo.com"
xmlns:xs="http://www.w3.org/2001/XMLSchema"
group="Examples"
ServiceURL="http://rssfeeds.usatoday.com/usatoday-NewsTopStories">

<Managers>
<Manager type="qa" url="http://qa.xpressmo.com/wcm/playerreq"/>
<Manager type="dev" url="http://dev.xpressmo.com/wcm/playerreq"/>

</Managers>
```

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```

</message type="local" url="http://localhost:8080/wcm/playerreq"/>
</message type="staging" url="http://stg.xpressmo.com/wcm/playerreq"/>
</message type="product" url="http://pst.xpressmo.com/wcm/playerreq"/>
</messages>

</output>

</WebComponentModel>

```

Define the outputs from the service

We want 3 parameters mapped to channel data, channel-title, channel-description, channel-image-url. Map the Elements needed with XPATH in the ServiceMapping attribute. Add the dataTypes to hint the GUI needed for the Author. Add comments and use.

```

<WebComponentModel xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://webcomponents.xpressmo.com ./webcomponentmodel.xsd"
  xmlns="http://webcomponents.xpressmo.com"
  name="RSS1"
  group="Examples"
  ServiceURL="http://rssfeeds.usatoday.com/usatoday-NewsTopStories">
  <messages>
    </message type="qa" url="http://qa.xpressmo.com/wcm/playerreq"/>
    </message type="dev" url="http://dev.xpressmo.com/wcm/playerreq"/>
    </message type="local" url="http://localhost:8080/wcm/playerreq"/>
    </message type="staging" url="http://stg.xpressmo.com/wcm/playerreq"/>
    </message type="product" url="http://pst.xpressmo.com/wcm/playerreq"/>
  </messages>

  <output>

  </output>

  </messages>

  <parameter name="channel-title" dataType="ChannelTitle" ServiceMapping="//rss/channel/title" use="optional" >
    <Comment>RSS Channel Title</Comment>
  </parameter>

  <parameter name="channel-description" dataType="ChannelDescription" ServiceMapping="//rss/channel/
  description" use="optional" >
    <Comment>RSS Channel Description</Comment>
  </parameter>

  <parameter name="channel-image-url" dataType="ChannelImageURL" ServiceMapping="//rss/channel/image/url"
  use="optional" >
    <Comment>RSS Channel Image URL</Comment>
  </parameter>

  </output>

</WebComponentModel>

```

Define any data structure from the service

Add the item list of parameters to the model. We want item-title, item-link, item-description.

```

<WebComponentModel xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://webcomponents.xpressmo.com ./webcomponentsmodel.xsd"
  xmlns="http://webcomponents.xpressmo.com"
  name="RSS1"

```

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```

group="Examples"
ServiceURL="http://rssfeeds.usatoday.com/usatoday-NewsTopStories">
  <messages>
    </message type="qa" url="http://qa.xpressmo.com/wcm/playerreq"/>
    </message type="dev" url="http://dev.xpressmo.com/wcm/playerreq"/>
    </message type="local" url="http://localhost:8080/wcm/playerreq"/>
    </message type="staging" url="http://stg.xpressmo.com/wcm/playerreq"/>
    </message type="product" url="http://pst.xpressmo.com/wcm/playerreq"/>
  </messages>

  </output>

  <parameter name="channel-title" dataType="ChannelTitle" ServiceMapping="//rss/channel/title" use="optional" >
    <Comment>RSS Channel Title</Comment>
  </parameter>

  <parameter name="channel-description" dataType="ChannelDescription" ServiceMapping="//rss/channel/
  description" use="optional" >
    <Comment>RSS Channel Description</Comment>
  </parameter>

  <parameter name="channel-image-url" dataType="ChannelImageURL" ServiceMapping="//rss/channel/image/url"
  use="optional" >
    <Comment>RSS Channel Image URL</Comment>
  </parameter>

  <!-- ServiceMapping="//rss/channel/item" name="rssItems" controlParam="item-title" -->
  <parameter name="item-title" dataType="RSSList"
    ServiceMapping="title" use="required" >
    <Comment>RSS Feed Item title</Comment>
  </parameter>

  <parameter name="item-link" dataType="String"
    ServiceMapping="link" use="optional" >
    <Comment>RSS Feed Item link</Comment>
  </parameter>

  <parameter name="item-description" dataType="multilineString"
    ServiceMapping="description" use="optional" containsHTML="true">
    <Comment>RSS Feed Item description</Comment>
  </parameter>

  </output>

</WebComponentModel>

```

Define any datastructure used by the service

None used here, we can omit this Element.

Load the model into the web component manager webapp in Tomcat.

Copy to %CATALINA\_HOME%\webapps\wcm\webcomponents directory and reload the Registry. Go to http://wcm/ host/wcm/console.htm Registry tab and press "reload registry".

Load the model into the PublisherServer\lib\services\webcomponents directory for use by the Author  
Copy to %PUBLISHER\_HOME%\libraries\webcomponents.

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test the model using the console at <http://wcm-host/wcm/console.htm> where wcm-host is where you are running the manager.

For the input PlayerMessage JSON string we use:

```
{ "class": "class com.xpressmo.webcomponents.service.PlayerMessage",
  "inputs": {
    "webcomponentGroup": "Examples",
    "webcomponentName": "RSS1"
  }
}
```

You should get a JSON response back similar to:

```
{ "cacheKey": "ExamplesVRSS1", "inputs": { }, "outputList": { [ { "listMap": { "item-description": "All the
children taken from a polygamist group's Texas ranch are now back with their parents.", "item-
link": "http://rssfeeds.usatoday.com/V-r/usatoday-NewsTopStoriesV-3V304506298V200
8-06-04-polygamists-children_N.htm", "item-title": "Texas: All sect kids returned", "lisName":
":rssitems", "listMap": { "item-description": "One person was killed as a line of severe weather
moved through the Washington area on Wednesday, downing power lines and trees ...", "item-
link": "http://rssfeeds.usatoday.com/V-r/usatoday-NewsTopStoriesV-3V304835640V2008-06-
04-washington-storms_N.htm", "item-title": "1 killed as severe storms
...
url": "http://images.usatoday.com/V_common/V_images/usatodaycom_135x20.gif", "responseCo
de": 0, "responseString": "", "webcomponentAction": "", "webcomponentGroup": "Examples", "webco
mponentName": "RSS1"
}
```

#### More Advanced Model

Now let's look at a more advanced model: Yahoo Search

```
<?xml version="1.0" encoding="utf-8"?>
<WebComponentModel>
  xmlns:xs="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:externalLocation="http://webcomponents.xpressmo.com/webcomponentmodel.xsd"
  xmlns="http://webcomponents.xpressmo.com" name="WebSearch" group="Yahoo"
  serviceURL="http://api.search.yahoo.com/WebSearchService/V1/
websearch/?appid=apiidxyz">
```

```
</WebComponentModel>
<manager type="js" url="http://qa.xpressmo.com/wcm/playerreq"/>
<manager type="dev" url="http://dev.xpressmo.com/wcm/playerreq"/>
<manager type="local" url="http://localhost:3080/wcm/playerreq"/>
<manager type="logging" url="http://log.xpressmo.com/wcm/playerreq"/>
<manager type="product" url="http://en.xpressmo.com/wcm/playerreq"/>
</manager>
```

```
</WebComponent>
<description prefix="yh" url="um:yahoword"/>
</WebComponent>
```

```
<output>
<parameter name="in1" dataType="string" paramType="request" use="required"
  ServiceMapping="query">
  <Comments> the search term string</Comments>
</Parameter>
<parameter name="in2" dataType="int" paramType="request" use="optional"
  ServiceMapping="results" defaultValue="10">
  <Comments> The number of results to return, defaults to 10</Comments>
</Parameter>
</Output>
```

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```
</Output>
<Parameter ServiceMapping="yh.resultsSet@totalResultsAvailable" name="totalResultsAvail"
  dataType="int" use="optional">
  <Comments>The total results available</Comments>
</Parameter>
<Parameter ServiceMapping="/yh.resultsSet/ResultResultsReturned"
  name="totalResultsReturned" dataType="int" use="optional">
  <Comments>The total results returned</Comments>
</Parameter>
<url ServiceMapping="/yh.resultsSet/yh.Result" name="searchResults" contentType="html">
  <parameter name="title" dataType="ComponentList" use="optional" ServiceMapping="yh.title">
    <Comments>The title of the search result</Comments>
  </parameter>
  <parameter name="URL" dataType="URL" ServiceMapping="yh.URL" use="optional">
    <Comments>The URL to the search result</Comments>
  </parameter>
  <parameter name="ClickURL" dataType="URL" use="optional" ServiceMapping="yh.ClickURL">
    <Comments>The click thru URL to the search result</Comments>
  </parameter>
  <parameter name="DisplayURL" dataType="URL" use="optional"
    ServiceMapping="yh.DisplayURL">
    <Comments>A display URL for the user to see for the search result</Comments>
  </parameter>
  <parameter name="Summary" dataType="multilineString" use="optional"
    ServiceMapping="yh.Summary">
    <Comments>Short paragraph of the search result page</Comments>
  </parameter>
</url>
</Output>
</WebComponentModel>
```

The hi-lighted areas show what is new for this model. The namespace that Yahoo uses is defined, **yh** prefix is selected to tie to the URL, and used in the ServiceMapping for Output Parameters. This service uses 2 inputs, in1 is a search string and mapped to the query parameter, in2 is a number to specify how many results to return, with a default of 10. These are put into the URL by the WebComponentManager when parsing the inputs and requesting the Service URL.

#### Model with Embedded HTML returned from Service

This model uses Accuweather RSS feeds which return embedded HTML within the item list. In an excerpt from the Accuweather RSS feed, the description element contains an embedded image tag.

```
<description>Currently in PLEASANT HILL, CA: 70 &#176;F and Partly Sunny &#13img src="http://
vortex.accuweather.com/phenix2/images/common/icons/02_31x31.gif" &#13</description>
```

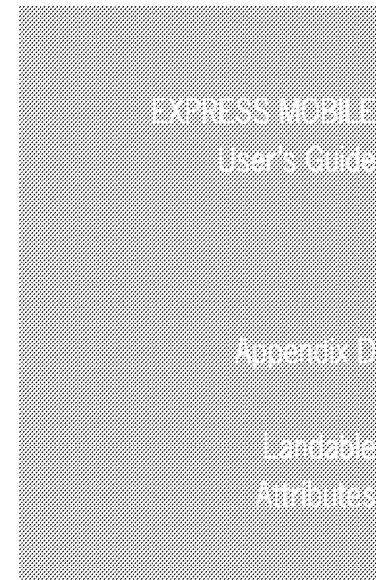
The model for this WebComponent: the highlighted areas are the new features used for this model.

```
<?xml version="1.0" encoding="utf-8"?>
<WebComponentModel xmlns:xs="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:externalLocation="http://webcomponents.xpressmo.com/webcomponentmodel.xsd"
  xmlns="http://webcomponents.xpressmo.com" removeHTML="true" name="Weather"
  group="Examples">
```

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The removeHTML=true attribute turns on the embedded HTML removal feature of WCM. This will strip out any HTML tags, leaving only the text for each Parameter marked with containsHTML="true". The Parameter *currentWeathering-description* has this feature enabled. Paramtype=FULLTEXT is used to tell WCM to look into the embedded HTML as a XML fragment and pull out the Element or Attribute you are interested in. The Parameter *currentWeathering-type* uses this feature to extract the embedded img tag src attribute. The embedded *ServiceMappings-ingrDoor* is an XPATH expression into the embedded XML fragment. The Parameter's *ServiceMappings-ros/channel/entry/description* attribute is the XPATH expression into the main XML document.



1. All Parent Video Objects
2. All Parent Slide Show Objects
3. GIS Object (N/A)
4. Virtual Tour Object(N/A)
5. All Form Objects with the following exceptions:
  - a. Text Field with non-Selectable attribute (ObjectBooleanAttribute[3]=false)
  - b. Text Area with non-Selectable attribute (ObjectBooleanAttribute[3]=false)
6. All Parent Objects that have one or more Child Objects
7. All Parent Objects with an exit Event (ObjectIntegerAttribute[12] > 0)
8. All Parent Objects with a Selection Cursor Defined (ObjectIntegerAttribute[14]>0)
9. All Parent Objects with a FIRE Cursor Defined (ObjectIntegerAttribute[15]>0)
10. All Parent Objects with a Selection Audio Defined (ObjectIntegerAttribute[16]>0)
11. All Parent Objects with a FIRE Audio Defined (ObjectIntegerAttribute[17]>0)
12. All Parent Objects with TimeLine Events (ObjectBooleanAttribute[6])
13. All Parent Objects with Draggable Attribute (ObjectBooleanAttribute[8])
14. All Parent Objects with Submit Form Attribute (ObjectBooleanAttribute[16])
15. All Objects that have a web component attached to them

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	XPR.002PR2
		Application Number	
Title of Invention	Systems and Methods for Presenting Information on Mobile Devices		
<p>The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.</p> <p>This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.</p>			

**Secrecy Order 37 CFR 5.2**

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

**Applicant Information:**

<b>Applicant 1</b>					<a href="#">Remove</a>
<b>Applicant Authority</b> <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
<b>Prefix</b>	<b>Given Name</b>	<b>Middle Name</b>	<b>Family Name</b>	<b>Suffix</b>	
	Steven	H.	Rempell		
<b>Residence Information (Select One)</b> <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
<b>City</b>	Novato	<b>State/Province</b>	CA	<b>Country of Residence i</b>	US
<b>Citizenship under 37 CFR 1.41(b) i</b>		US			
<b>Mailing Address of Applicant:</b>					
<b>Address 1</b>		38 Washington Street			
<b>Address 2</b>					
<b>City</b>	Novato	<b>State/Province</b>	CA		
<b>Postal Code</b>	94947	<b>Countryi</b>	US		
<b>Applicant 2</b>					<a href="#">Remove</a>
<b>Applicant Authority</b> <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
<b>Prefix</b>	<b>Given Name</b>	<b>Middle Name</b>	<b>Family Name</b>	<b>Suffix</b>	
	David		Chrobak		
<b>Residence Information (Select One)</b> <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
<b>City</b>	Pleasant Hill	<b>State/Province</b>	CA	<b>Country of Residence i</b>	US
<b>Citizenship under 37 CFR 1.41(b) i</b>		US			
<b>Mailing Address of Applicant:</b>					
<b>Address 1</b>		132 Shadowood Drive			
<b>Address 2</b>					
<b>City</b>	Pleasant Hill	<b>State/Province</b>	CA		
<b>Postal Code</b>	94523	<b>Countryi</b>	US		
<b>Applicant 3</b>					<a href="#">Remove</a>
<b>Applicant Authority</b> <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
<b>Prefix</b>	<b>Given Name</b>	<b>Middle Name</b>	<b>Family Name</b>	<b>Suffix</b>	
	Ken		Brown		
<b>Residence Information (Select One)</b> <input checked="" type="radio"/> US Residency <input type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
<b>City</b>	San Martin	<b>State/Province</b>	CA	<b>Country of Residence i</b>	US

<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	XPR.002PR2
		Application Number	
Title of Invention	Systems and Methods for Presenting Information on Mobile Devices		

Citizenship under 37 CFR 1.41(b) i		US	
Mailing Address of Applicant:			
Address 1	2485 Church Avenue		
Address 2			
City	San Martin	State/Province	CA
Postal Code	95046	Countryi	US
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.			<input type="button" value="Add"/>

**Correspondence Information:**

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).			
<input type="checkbox"/> An Address is being provided for the correspondence information of this application.			
Customer Number	40280		
Email Address	svosen@phdpatents.com	<input type="button" value="Add Email"/>	<input type="button" value="Remove Email"/>

**Application Information:**

Title of the Invention	Systems and Methods for Presenting Information on Mobile Devices		
Attorney Docket Number	XPR.002PR2	Small Entity Status Claimed	<input checked="" type="checkbox"/>
Application Type	Provisional		
Subject Matter	Utility		
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)		Suggested Figure for Publication (if any)	

**Publication Information:**

<input type="checkbox"/> Request Early Publication (Fee required at time of Request 37 CFR 1.219)
<input type="checkbox"/> <b>Request Not to Publish.</b> I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application <b>has not and will not be</b> the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

**Representative Information:**

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Enter either Customer Number or complete the Representative Name section below. If both sections are completed the Customer Number will be used for the Representative Information during processing.			
Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> Limited Recognition (37 CFR 11.9)

<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	XPR.002PR2
		Application Number	
Title of Invention	Systems and Methods for Presenting Information on Mobile Devices		
Customer Number	40280		

### Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.			
Prior Application Status		<a href="#">Remove</a>	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the <b>Add</b> button.			<a href="#">Add</a>

### Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).			
			<a href="#">Remove</a>
Application Number	Country <sup>i</sup>	Parent Filing Date (YYYY-MM-DD)	Priority Claimed
			<input type="radio"/> Yes <input checked="" type="radio"/> No
Additional Foreign Priority Data may be generated within this form by selecting the <b>Add</b> button.			<a href="#">Add</a>

### Assignee Information:

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office.				
<b>Assignee <sup>1</sup></b>				<a href="#">Remove</a>
If the Assignee is an Organization check here. <input type="checkbox"/>				
Prefix	Given Name	Middle Name	Family Name	Suffix
<b>Mailing Address Information:</b>				
Address 1				
Address 2				
City		State/Province		
Country <sup>i</sup>		Postal Code		
Phone Number		Fax Number		
Email Address				
Additional Assignee Data may be generated within this form by selecting the <b>Add</b> button.				<a href="#">Add</a>

### Signature:

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.
--



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<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	XPR.002PR2
		Application Number	
Title of Invention	Systems and Methods for Presenting Information on Mobile Devices		

Signature	/Steven R. Vosen/		Date (YYYY-MM-DD)	2009-04-03	
First Name	Steven	Last Name	Vosen	Registration Number	45186

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

## Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt	
EFS ID:	5076389
Application Number:	61166651
International Application Number:	
Confirmation Number:	8595
Title of Invention:	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Steven H. Rempell
Customer Number:	40280
Filer:	Steven R Vosen/Tony Freitas
Filer Authorized By:	Steven R Vosen
Attorney Docket Number:	XPR.002PR2
Receipt Date:	03-APR-2009
Filing Date:	
Time Stamp:	19:37:22
Application Type:	Provisional

### Payment information:

Submitted with Payment		no			
<b>File Listing:</b>					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Specification	XPR002PR3_As_Filed.pdf	22100091	no	177
			2904cda4706a8a02a1fc5837335ed14557ec0e7		
<b>Warnings:</b>					
<b>Information:</b>					

2	Provisional Cover Sheet (SB16)	ProvisionalCoverfsheet.pdf	999554 0630284e873ece051b6411e42904dd1bee3ee10	no	3
<b>Warnings:</b>					
<b>Information:</b>					
3	Application Data Sheet	XPR002PR2ADS.pdf	964122 9df4349a2c158b0a6449d82daaf98b50b56e04a6	no	5
<b>Warnings:</b>					
<b>Information:</b>					
4	Fee Worksheet (PTO-06)	fee-info.pdf	31397 05b46c8daa696570d0b663cac37d7ba7d694bbe83	no	2
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			24095164		
<p><b>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</b></p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>  If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>  If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>  If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

<b>PATENT APPLICATION FEE DETERMINATION RECORD</b> Effective October 2, 2008						Application or Docket Number <div style="font-size: 1.2em; margin-top: 5px;">12/936395</div>		
<b>CLAIMS AS FILED - PART I</b>								
		(Column 1)	(Column 2)	SMALL ENTITY		OR	LARGE ENTITY	
U.S. NATIONAL STAGE FEES				RATE	FEE		RATE	
BASIC FEE		SMALL ENT. = \$165	LARGE ENT. = \$330	BASIC FEE	165	OR	BASIC FEE	
EXAMINATION FEE		SMALL ENT. = \$110	LARGE ENT. = \$220	EXAM. FEE	110		EXAM. FEE	
SEARCH FEE		U.S. is ISA = \$50/\$100 ALL other countries = \$215/\$430		SEARCH FEE	215		SEARCH FEE	
FEE FOR EXTRA SPEC. PGS.		minus 100 =	/ 50 =	X \$ 135 =			X \$ 270 =	
TOTAL CHARGEABLE CLAIMS		28 minus 20 =	8	X \$ 26 =	208	OR	X \$ 52 =	
INDEPENDENT CLAIMS		3 minus 3 =		X \$ 110 =		OR	X \$ 220 =	
MULTIPLE DEPENDENT CLAIM PRESENT				+ \$ 195 =		OR	+ \$ 390 =	
				TOTAL		OR	TOTAL	
* If the difference in column 1 is less than zero, enter "0" in column 2								
<b>CLAIMS AS AMENDED - PART II</b>								
		(Column 1)	(Column 2)	(Column 3)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE
	Total	*	Minus	**	=	X \$ 26 =		X \$ 52 =
	Independent	*	Minus	***	=	X \$ 110 =		X \$ 220 =
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>					+ \$ 195 =		+ \$ 390 =
					TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE
AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE	RATE
	Total	*	Minus	**	=	X \$ 26 =		X \$ 52 =
	Independent	*	Minus	***	=	X \$ 110 =		X \$ 220 =
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>					+ \$ 195 =		+ \$ 390 =
					TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than '20', enter "20". *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than '3', enter "3". The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.								

MULTIPLE DEPENDENT CLAIM FEE CALCULATION SHEET (FOR USE WITH FORM PTO-875)						SERIAL NO. <div style="text-align: center;">12 936 395</div>	FILING DATE						
						APPLICANT(S)							
CLAIMS													
	AS FILED		AFTER 1 <sup>st</sup> AMENDMENT		AFTER 2 <sup>nd</sup> AMENDMENT			AS FILED		AFTER 1 <sup>st</sup> AMENDMENT		AFTER 2 <sup>nd</sup> AMENDMENT	
	IND.	DEP.	IND.	DEP.	IND.	DEP.		IND.	DEP.	IND.	DEP.	IND.	DEP.
1							51						
2							52						
3							53						
4							54						
5							55						
6							56						
7							57						
8							58						
9							59						
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42							92						
43							93						
44							94						
45							95						
46							96						
47							97						
48							98						
49							99						
50							100						
TOTAL IND.		↓	3	↓		↓	TOTAL IND.		↓		↓		↓
TOTAL DEP.		←		←		←	TOTAL DEP.		←		←		←
TOTAL CLAIMS			28				TOTAL CLAIMS						

PTO - 1360 (REV. 11/04)

U.S. DEPARTMENT of COMMERCE  
Patent and Trademark Office

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<b>PATENT APPLICATION FEE DETERMINATION RECORD</b> Substitute for Form PTO-875					Application or Docket Number <b>12/936,395</b>		Filing Date <b>11/03/2010</b>		<input type="checkbox"/> To be Mailed		
<b>APPLICATION AS FILED – PART I</b>											
(Column 1)			(Column 2)			SMALL ENTITY <input checked="" type="checkbox"/> OR		OTHER THAN SMALL ENTITY			
FOR		NUMBER FILED	NUMBER EXTRA		RATE (\$)	FEE (\$)		RATE (\$)	FEE (\$)		
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A	N/A		N/A			N/A			
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (i), or (m))		N/A	N/A		N/A			N/A			
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A	N/A		N/A			N/A			
TOTAL CLAIMS (37 CFR 1.16(j))		minus 20 =	*		X \$ =		OR	X \$ =			
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =	*		X \$ =			X \$ =			
<input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).									
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))											
* If the difference in column 1 is less than zero, enter "0" in column 2.											
<b>APPLICATION AS AMENDED – PART II</b>					SMALL ENTITY		OR		OTHER THAN SMALL ENTITY		
(Column 1)		(Column 2)		(Column 3)							
<b>AMENDMENT</b>	<b>10/04/2010</b>	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	* 28	Minus	** 28	= 0	X \$26 =	0	OR	X \$ =		
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X \$110 =	0	OR	X \$ =		
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))										
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
						TOTAL ADD'L FEE	<b>0</b>	OR	TOTAL ADD'L FEE		
<b>AMENDMENT</b>		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$ =		OR	X \$ =		
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =		OR	X \$ =		
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))										
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))										
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE		
<p>* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.</p> <p>** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".</p> <p>*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".</p> <p>The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.</p>											

Legal Instrument Examiner:  
/LYNN NELSON/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
12/936,395	Steven H. Rempell	XPR.002US0
40280 STEVEN VOSEN 1563 SOLANO AVENUE #206 BERKELEY, CA 94707		INTERNATIONAL APPLICATION NO. PCT/US09/39695
		I.A. FILING DATE 04/06/2009
		PRIORITY DATE 04/07/2008

CONFIRMATION NO. 2369  
371 FORMALITIES LETTER



Date Mailed: 10/28/2010

**NOTICE OF INSUFFICIENT BASIC NATIONAL FEE REQUIRED AND/OR MISSING  
COPY OF INTERNATIONAL APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495**

Indication of Small Entity Status has not been received.

The current record of this application indicates that the basic national fee (37 CFR 1.492(a)) required is **\$330**.

**The basic national fee to enter the national stage in the United States of America under 35 U.S.C. 371 must be paid by 30 months from the priority date (37 CFR 1.495(b)(2)).**

**If the proper basic national fee is not paid within 30 months from the priority date, the international application will become ABANDONED as to the United States of America, and will not be accepted for national examination.**

**The amount required shown above reflects the correct fee as of the date of this Notice. If the amount changes prior to payment, applicant must pay the revised amount.**

**The current basic national fees are listed at 37 CFR 1.492(a). In addition, current PCT related fees are listed in each weekly issue of the Official Gazette of the United States Patent and Trademark Office and the amount of the fees can be obtained from the USPTO 's web site [www.uspto.gov](http://www.uspto.gov) or by contacting the Public Service Center at (703) 308-4357.**

Extensions of time under the provisions of 37 CFR 1.136 are not available for compliance with the requirements of 37 CFR 1.495(b)(2).

For filing the basic national fee, the first class certificate of mailing procedure of 37 CFR 1.8 is NOT available to establish the date of mailing as the date of receipt in the USPTO (see 37 CFR 1.8(a)(2)(i)(F)). The Express Mail procedure of 37 CFR 1.10 may be used.

The basic national fee may not be submitted via facsimile transmission.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.

<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>



For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

LAMONT M HUNTER

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Telephone: (571) 272-0308

**PETITION FOR REVIVAL OF AN INTERNATIONAL APPLICATION FOR PATENT  
DESIGNATING THE U.S. ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b)**

Docket Number  
(Optional)  
XPR.002US0

First Named Inventor: Steven H. Rempell

International (PCT) Application No.: PCT/US09/39695 U.S. Application No.: 12/936,395  
(if known)

Filed: Int'l :4/6/09; US: 10/4/10

Title:

SYSTEMS AND METHODS FOR PROGRAMMING MOBILE DEVICES

Attention: PCT Legal Staff  
Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

The above-identified application became abandoned as to the United States because the fees and documents required by 35 U.S.C. 371(c) were not filed prior to the expiration of the time set in 37 CFR 1.495(b) or (c) as applicable. The date of abandonment is the day after the date on which the 35 U.S.C. 371(c) requirements were due. See 37 CFR 1.495(h).

**APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION**

NOTE: A grantable petition requires the following items:

- (1) Petition fee
- (2) Proper reply
- (3) Terminal disclaimer with disclaimer fee which is required for all international applications having an international filing date before June 8, 1995; and
- (4) Statement that the entire delay was unintentional.

**1. Petition fee**

☒ Small entity - fee \$ 810.00 (37 CFR 1.17(m)). Applicant claims small entity status.  
See 37 CFR 1.27.

☐ Other than small entity - fee \$ \_\_\_\_\_ (37 CFR 1.17(m))

**2. Proper reply**

A. The proper reply (the missing 35 U.S.C. 371(c) requirement(s)) in the form of  
the small entity basic national fee (1.495(b)(2)) (identify type of reply):

☐ has been filed previously on \_\_\_\_\_.

☒ is enclosed herewith.

[Page 1 of 2]

This collection of information is required by 37 CFR 1.137(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

3. Terminal disclaimer with disclaimer fee

☒ Since this international application has an international filing date on or after June 8, 1995, no terminal disclaimer is required.

☐ A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$ \_\_\_\_\_ for a small entity or \$ \_\_\_\_\_ for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/63).

4. Statement. The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional.

**WARNING:**

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

/Steven R. Vosen/

11/4/2010

Signature

Date

Steven R. Vosen

45,186

Typed or Printed Name

Registration Number, if applicable

1563 Solano Ave., #206

510-841-4711

Address

Telephone Number

Berkeley, CA 94707

Address

Enclosures: ☐ Response

☒ Fee Payment

☐ Terminal Disclaimer

☐ Other (please identify):

## Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Under the Paper Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	12/936,395	
	Filing Date	Oct 4, 2010	
	First Named Inventor	Rempell, Steven	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	3	Attorney Docket Number	XPR.002US0

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
		<b>Remarks</b> A petition to revive an unintentionally abandoned patent application for not paying the basic national stage fee, the petition fee and the required national stage fee are included herewith.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name			
Signature	/Steven R. Vosen/		
Printed name	Steven R. Vosen		
Date	November 3, 2010	Reg. No.	45186

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Steven Vosen	Date	November 3, 2010

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

In you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Electronic Patent Application Fee Transmittal				
Application Number:		12936395		
Filing Date:				
Title of Invention:		SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES		
First Named Inventor/Applicant Name:		Steven H. Rempell		
Filer:		Steven R Vosen		
Attorney Docket Number:		XPR.002US0		
Filed as Small Entity				
U.S. National Stage under 35 USC 371 Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Basic National Stage Fee	2631	1	165	165
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Petition-revive unintent. abandoned appl	2453	1	810	810
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				975

Electronic Acknowledgement Receipt	
EFS ID:	8759052
Application Number:	12936395
International Application Number:	
Confirmation Number:	2369
Title of Invention:	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Steven H. Rempell
Customer Number:	40280
Filer:	Steven R Vosen
Filer Authorized By:	
Attorney Docket Number:	XPR.002US0
Receipt Date:	03-NOV-2010
Filing Date:	
Time Stamp:	13:35:47
Application Type:	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$975
RAM confirmation Number	9370
Deposit Account	
Authorized User	

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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1	Petition for review and processing by the PCT legal office.	XPR002US0_Pet_to_Revive_v2.pdf	201011 75e2ca67ac075e7e028d75d1aab413c8c01d385c	no	3
<b>Warnings:</b>					
<b>Information:</b>					
2	Transmittal Letter	XPR002US0_Pet_Revive_Trans.pdf	82987 07d6d193fe4e26149f62816cb0c274b1f9acc41	no	1
<b>Warnings:</b>					
<b>Information:</b>					
3	Fee Worksheet (PTO-875)	fee-info.pdf	31989 1b35750791e112dabc3c78f330fd3d73adee2a64	no	2
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			315987		
<p><b>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</b></p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>  If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>  If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>  If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents  
United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450  
www.uspto.gov

40280  
Steven Vosen  
1563 Solano Avenue #206  
Berkley, CA 94707

**MAILED**

DEC 29 2010

PCT LEGAL ADMINISTRATION

In re Application of  
REMPELL *et al*  
U.S. Application No.: 12/936,395  
PCT No.: PCT/US2009/039695  
Int. Filing Date: 06 April 2009  
Priority Date: 07 April 2008  
Docket No.: XPR.002US0  
For: SYSTEMS AND METHODS FOR  
PRESENTING INFORMATION ON  
MOBILE DEVICES

**DECISION ON  
PETITION UNDER  
37 CFR 1.137(b)**

Applicants' petition to revive under 37 CFR 1.137(b) filed on 03 November 2010 is hereby **GRANTED** as follows:

The Basic National Stage Fee and the petition fee for a small entity have been paid. Applicants made the required statement pursuant to 37 CFR 1.137(b)(3). A terminal disclaimer is not required. Accordingly, all requirements under 37 CFR 1.137(b) have been satisfied.

This application is being forwarded to the United States Designated/Elected Office for further processing.

  
James Thomson  
Attorney Advisor

Office of PCT Legal Administration

Tel.: (571) 272-3302



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
12/936,395	Steven H. Rempell	XPR.002US0

40280  
STEVEN VOSEN  
1563 SOLANO AVENUE #206  
BERKELEY, CA 94707

INTERNATIONAL APPLICATION NO.	
PCT/US09/39695	

I.A. FILING DATE	PRIORITY DATE
04/06/2009	04/07/2008

**CONFIRMATION NO. 2369**  
**371 FORMALITIES LETTER**



0000000045621658

Date Mailed: 01/25/2011

## Notification of Insufficient Fees (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated Office (37 CFR 1.494):

- Indication of Small Entity Status
- Priority Document
- Copy of the International Application filed on 10/04/2010
- Copy of the International Search Report filed on 10/04/2010
- Preliminary Amendments filed on 10/04/2010
- Oath or Declaration filed on 10/04/2010
- Small Entity Statement filed on 11/03/2010
- Request for Immediate Examination filed on 10/04/2010
- U.S. Basic National Fees filed on 11/03/2010
- Priority Documents filed on 10/04/2010
- Power of Attorney filed on 10/04/2010

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of **\$208** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

### SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$598** for a Small Entity:

- **\$65** Surcharge.
- The application search fee has not been paid. Applicant must submit **\$215** to complete the search fee. Note a surcharge will be required if submitted later than commencement of the national stage (37 CFR 1.492(h)) and the basic national fee was not paid before July 1, 2005.
- The application examination fee has not been paid. Applicant must submit **\$110** to complete the examination fee for a small entity in compliance with 37 CFR 1.27. Note a surcharge will be required if submitted later than commencement of the national stage (37 CFR 1.492(h)) and the basic national fee was not paid before July 1, 2005.

Total additional claim fee(s) for this application is **\$208**

- **\$208** for **8** total claims over 20.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.

<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

LAMONT M HUNTER

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Telephone: (571) 272-0308

<b>PATENT APPLICATION FEE DETERMINATION RECORD</b> Substitute for Form PTO-875						Application or Docket Number 12/936,395				
<b>APPLICATION AS FILED - PART I</b>										
(Column 1)		(Column 2)		SMALL ENTITY		OTHER THAN SMALL ENTITY				
FOR	NUMBER FILED	NUMBER EXTRA	RATE(\$)	FEE(\$)		RATE(\$)	FEE(\$)			
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	165		N/A				
SEARCH FEE (37 CFR 1.16(k), (j), or (m))	N/A	N/A	N/A	215		N/A				
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	110		N/A				
TOTAL CLAIMS (37 CFR 1.16(i))	28      minus 20 =	*	x    26    =	208	OR					
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3      minus 3 =	*	x    110   =	0.00						
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			0.00						
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				0.00						
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL		TOTAL				
				698						
<b>APPLICATION AS AMENDED - PART II</b>										
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OTHER THAN SMALL ENTITY		
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	x	=	OR	x	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x	=	OR	x	=
	Application Size Fee (37 CFR 1.16(s))							OR		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	x	=	OR	x	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x	=	OR	x	=
	Application Size Fee (37 CFR 1.16(s))							OR		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
<div style="font-size: x-small;">             * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.              ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".              *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".              The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.           </div>										



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY,DOCKET,NO	TOT CLAIMS	IND CLAIMS
12/936,395	11/03/2010		165	XPR.002US0	28	3

CONFIRMATION NO. 2369

40280  
STEVEN VOSEN  
1563 SOLANO AVENUE #206  
BERKELEY, CA 94707

## FILING RECEIPT



\*OC000000045621657\*

Date Mailed: 01/25/2011

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

### Applicant(s)

Steven H. Rempell, Novato, CA;  
David Chrobak, Clayton, CA;  
Ken Brown, San Martin, CA;

### Assignment For Published Patent Application

EXPRESS MOBILE INC., Novato, CA

**Power of Attorney:** The patent practitioners associated with Customer Number 40280

### Domestic Priority data as claimed by applicant

This application is a 371 of PCT/US09/39695 04/06/2009  
which claims benefit of 61/123,438 04/07/2008  
and claims benefit of 61/113,471 11/11/2008  
and claims benefit of 61/166,651 04/03/2009

**Foreign Applications** (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see <http://www.uspto.gov> for more information.)

**If Required, Foreign Filing License Granted:** 01/23/2011

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 12/936,395**

**Projected Publication Date:** 05/05/2011

**Non-Publication Request:** No

**Early Publication Request:** No

**\*\* SMALL ENTITY \*\***

**Title**

SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES

**Preliminary Class****PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

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For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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#### **NOT GRANTED**

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<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	12/936,395	
	Filing Date	November 3, 2010	
	First Named Inventor	Steven H. Rempell	
	Art Unit	Not Yet Assigned	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	1	Attorney Docket Number	XPR.002US0

ENCLOSURES <i>(Check all that apply)</i>		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please Identify below):
Remarks <input style="width: 100%;" type="text"/>		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name		
Signature	/Steven R. Vosen/	
Printed name	Steven R. Vosen	
Date	March 8, 2011	Reg. No. 45,186

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

Electronic Patent Application Fee Transmittal				
<b>Application Number:</b>		12936395		
<b>Filing Date:</b>		03-Nov-2010		
<b>Title of Invention:</b>		SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES		
<b>First Named Inventor/Applicant Name:</b>		Steven H. Rempell		
<b>Filer:</b>		Steven R Vosen/Tony Freitas		
<b>Attorney Docket Number:</b>		XPR.002US0		
Filed as Small Entity				
<b>U.S. National Stage under 35 USC 371 Filing Fees</b>				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Basic Filing:</b>				
Natl Stage Search Fee - Report provided	2642	1	215	215
Natl Stage Exam Fee - all other cases	2633	1	110	110
<b>Pages:</b>				
<b>Claims:</b>				
Claims in excess of 20	2615	8	26	208
<b>Miscellaneous-Filing:</b>				
Oath/decl > 30 mo. from priority date	2617	1	65	65
<b>Petition:</b>				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				598

Electronic Acknowledgement Receipt	
<b>EFS ID:</b>	9609572
<b>Application Number:</b>	12936395
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2369
<b>Title of Invention:</b>	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES
<b>First Named Inventor/Applicant Name:</b>	Steven H. Rempell
<b>Customer Number:</b>	40280
<b>Filer:</b>	Steven R Vosen/Tony Freitas
<b>Filer Authorized By:</b>	Steven R Vosen
<b>Attorney Docket Number:</b>	XPR.002US0
<b>Receipt Date:</b>	08-MAR-2011
<b>Filing Date:</b>	03-NOV-2010
<b>Time Stamp:</b>	13:44:18
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$ 598
RAM confirmation Number	46
Deposit Account	
Authorized User	

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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1	Transmittal Letter	Transmittal.pdf	159088 8fd05c8520717b6d41cf84fec43666839d8cfd1c	no	1
<b>Warnings:</b>					
<b>Information:</b>					
2	Fee Worksheet (PTO-875)	fee-info.pdf	37371 089219d40691a51c8ab470cd84efe90e2a34497	no	2
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			196459		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>  If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>  If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>  If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					



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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
12/936,395	Steven H. Rempell	XPR.002US0
40280 STEVEN VOSEN 1563 SOLANO AVENUE #206 BERKELEY, CA 94707		INTERNATIONAL APPLICATION NO. PCT/US09/39695
		I.A. FILING DATE 04/06/2009
		PRIORITY DATE 04/07/2008

**CONFIRMATION NO. 2369**  
**371 ACCEPTANCE LETTER**



Date Mailed: 03/21/2011

## NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

11/03/2010  
DATE OF RECEIPT OF 35 U.S.C. 371(c)(1),  
(c)(2) and (c)(4) REQUIREMENTS

03/08/2011  
DATE OF COMPLETION OF ALL  
35 U.S.C. 371 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Indication of Small Entity Status
- Copy of the International Application filed on 10/04/2010
- Copy of the International Search Report filed on 10/04/2010
- Preliminary Amendments filed on 10/04/2010
- Oath or Declaration filed on 10/04/2010
- Small Entity Statement filed on 11/03/2010
- Request for Immediate Examination filed on 10/04/2010
- U.S. Basic National Fees filed on 11/03/2010
- Priority Documents filed on 10/04/2010
- Power of Attorney filed on 10/04/2010

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

LAMONT M HUNTER

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Telephone: (571) 272-0308



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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLAIMS	IND CLAIMS
12/936,395	11/03/2010	2172	763	XPR.002US0	28	3

CONFIRMATION NO. 2369

40280  
STEVEN VOSEN  
1563 SOLANO AVENUE #206  
BERKELEY, CA 94707

## UPDATED FILING RECEIPT



\*OC000000046659257\*

Date Mailed: 03/21/2011

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

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David Chrobak, Clayton, CA;  
Ken Brown, San Martin, CA;

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**Power of Attorney:** The patent practitioners associated with Customer Number 40280

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**Projected Publication Date:** 05/05/2011

**Non-Publication Request:** No

**Early Publication Request:** No

**\*\* SMALL ENTITY \*\***



**Title**

SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES

**Preliminary Class**

715

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

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**Title 35, United States Code, Section 184**

**Title 37, Code of Federal Regulations, 5.11 & 5.15**

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page 2 of 3

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<b>PATENT APPLICATION FEE DETERMINATION RECORD</b> Substitute for Form PTO-875						Application or Docket Number 12/936,395				
<b>APPLICATION AS FILED - PART I</b>										
(Column 1)		(Column 2)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY				
FOR	NUMBER FILED	NUMBER EXTRA	RATE(\$)	FEE(\$)		RATE(\$)	FEE(\$)			
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	165		N/A				
SEARCH FEE (37 CFR 1.16(k), (j), or (m))	N/A	N/A	N/A	215		N/A				
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	110		N/A				
TOTAL CLAIMS (37 CFR 1.16(i))	28      minus 20 =	*	x    26    =	208	OR					
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3      minus 3 =	*	x    110   =	0.00						
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			0.00						
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				0.00						
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL		TOTAL				
				698						
<b>APPLICATION AS AMENDED - PART II</b>										
(Column 1)		(Column 2)		(Column 3)		SMALL ENTITY		OR OTHER THAN SMALL ENTITY		
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	x	=	OR	x	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x	=	OR	x	=
	Application Size Fee (37 CFR 1.16(s))							OR		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE(\$)	ADDITIONAL FEE(\$)		RATE(\$)	ADDITIONAL FEE(\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	x	=	OR	x	=
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x	=	OR	x	=
	Application Size Fee (37 CFR 1.16(s))							OR		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
<div style="font-size: x-small;">             * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.              ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".              *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".              The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.           </div>										



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www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/936,395	11/03/2010	Steven H. Rempell	XPR.002US0

**CONFIRMATION NO. 2369**

40280  
STEVEN VOSEN  
1563 SOLANO AVENUE #206  
BERKELEY, CA 94707

**PUBLICATION NOTICE**



**Title:**SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES

**Publication No.**US-2011-0107227-A1

**Publication Date:**05/05/2011

**NOTICE OF PUBLICATION OF APPLICATION**

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at [www.uspto.gov](http://www.uspto.gov). The direct link to access the publication is currently <http://www.uspto.gov/patft/>.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Office of Public Records. The Office of Public Records can be reached by telephone at (703) 308-9726 or (800) 972-6382, by facsimile at (703) 305-8759, by mail addressed to the United States Patent and Trademark Office, Office of Public Records, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at [www.uspto.gov](http://www.uspto.gov) using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently <http://pair.uspto.gov/>. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

Office of Data Management, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

PLUS Search Results for S/N 12936395, Searched Wed Jul 18 08:31:02 EDT 2012  
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PLUS Search Results for S/N 12936395, Searched Wed Jul 18 08:32:40 EDT 2012  
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/936,395	11/03/2010	Steven H. Rempell	XPR.002US0	2369
40280	7590	10/11/2012		
STEVEN VOSEN 1563 SOLANO AVENUE #206 BERKELEY, CA 94707			EXAMINER XIA, XUYANG	
			ART UNIT 2178	PAPER NUMBER
			MAIL DATE 10/11/2012	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	12/936,395	REMPELL ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	XUYANG XIA	2178	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1) ☒ Responsive to communication(s) filed on 04 October 2010.

2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.

3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on \_\_\_\_; the restriction requirement and election have been incorporated into this action.

4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

5) ☒ Claim(s) 1-28 is/are pending in the application.

5a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.

6) ☐ Claim(s) \_\_\_\_ is/are allowed.

7) ☒ Claim(s) 1-28 is/are rejected.

8) ☐ Claim(s) \_\_\_\_ is/are objected to.

9) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

10) ☐ The specification is objected to by the Examiner.

11) ☒ The drawing(s) filed on 04 October 2010 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

12) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All    b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. ____.
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)	5) <input type="checkbox"/> Notice of Informal Patent Application
Paper No(s)/Mail Date ____.	6) <input type="checkbox"/> Other: ____.



**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims **1-3,5-7,11-14,16-18,22** are rejected under 35 U.S.C. 102(b) as being **anticipated** by **McCain US Patent Application Publication No.: 2005/0273705**.

3. In regard to claim 1, McCain discloses the claimed invention (Currently Amended): a system (Paragraph [0002]) for generating code (paragraph [0081]) to provide content on a display of a device, (paragraph [0041], [0042]) said system comprising: a database of web services obtainable over a network;(Fig. 1, paragraph [0070]) an authoring tool (paragraph [0023] )configured to: define an object for presentation on the display, (paragraph [0072]) select a component of a web service included in said database,(paragraph [0073],[0071]) associate said object with said selected component, (paragraph [0080],[0081]) and produce device-specific code that, (paragraph [0084]) when executed on the device, provides said selected component on the display of the device. (paragraph [0072],[0073])

4. In regard to claim 2, McCain discloses the claimed invention the system of Claim 1, the rejection is incorporated herein. McCain also teaches where said database includes definitions of input and/or output related to said web service.(paragraph [0015])

5. In regard to claim 3, McCain discloses the claimed invention the system of Claim 1, the rejection is incorporated herein. McCain also teaches where said component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed.(paragraph [0072])

6. In regard to claim 5, McCain discloses the claimed invention the system of Claim 1, the rejection is incorporated herein. McCain also teaches where said object is an input field (paragraph [0015]) for a web service.(Fig.3, paragraph [0079],[0136])

7. In regard to claim 6, McCain discloses the claimed invention the system of Claim 1, the rejection is incorporated herein. McCain also teaches where said object is an input field usable to obtain said component, where said input field includes a text field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button.(Fig. 3, paragraph [0079])

8. In regard to claim 7, McCain discloses the claimed invention the system of Claim 1, the rejection is incorporated herein. McCain also teaches where said component is an output of a web service, (paragraph [0129]) is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.(Paragraph [0072])

9. In regard to claim 11, McCain discloses the claimed invention the system of Claim 1, the rejection is incorporated herein. McCain also teaches where said code is provided over said network.(Paragraph [0022])

10. In regard to claim 12, McCain discloses the claimed invention a method (Paragraph [0002]) for displaying content on a device (paragraph [0041], [0042])

utilizing a database of web services obtainable over a network, (Fig. 1, paragraph [0070]) said method comprising: defining an object for presentation on the display; (paragraph [0072]) selecting a component of a web service included in said database; (paragraph [0073],[0071]) associating said object with said selected component; (paragraph [0080],[0081]) and producing device-dependent code that, (paragraph [0084]) when executed on the device, provides said selected component on the display of the device. (paragraph [0072],[0073])

11. In regard to claim 13, McCain discloses the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches where said database includes definitions of input and/or output related to said web service. (paragraph [0015])

12. In regard to claim 14, McCain discloses the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches where said component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed. (paragraph [0072])

13. In regard to claim 16, McCain discloses the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches where said object is an input field (paragraph [0015]) for a web service. (Fig.3, paragraph [0079],[0136])

14. In regard to claim 17, McCain discloses the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches where said object is an input field usable to obtain said component, where said input field includes a text

field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button. (Fig. 3, paragraph [0079])

15. In regard to claim 18, McCain discloses the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches where said component is an output of a web service, (paragraph [0129]) is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement. (Paragraph [0072])

16. In regard to claim 22, McCain discloses the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches further comprising: providing said code over said network. (Paragraph [0022])

### ***Claim Rejections - 35 USC § 103***

17. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

18. Claims **4,8-9,15,19-20** are rejected under 35 U.S.C. 103(a) as being unpatentable over **McCain US Patent Application Publication No.: 2005/0273705** in view of **Delpuch et al. US Patent Application Publication No.: 2004/0055017.**

19. In regard to claim 4, McCain discloses the claimed invention the system of Claim 1, the rejection is incorporated herein, but fails to explicitly teach “where said object is an input field for a chat.” Delpuch et al. teach where said object is an input field for a chat. (Paragraph [0106])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Delpuch et al.’s generating and transmitting authoring data associated with distributed content into McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying content. The motivation to combine these arts, as proposed above, at least because Delpuch et al.’s capability to provide input field for a chat would provide the user with real-time interactions to McCain’s creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that providing an input field for chat would give the user with more ways of real-time communication to the web service application.

20. In regard to claim 8, McCain discloses the claimed invention the system of Claim 1, the rejection is incorporated herein, McCain also teaches where said authoring tool (paragraph [0023]), but fails to explicitly teach “is further configured to: define a phone field or list; and generate code that, when executed on the device, allows a user to supply a phone number to said phone field or list.” Delpuch et al. teach is further

configured to: define a phone field or list; (paragraph [0086]) and generate code that, when executed on the device, allows a user to supply a phone number to said phone field or list. (Paragraph [0081])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Delpuch et al.'s generating and transmitting authoring data associated with distributed content into McCain's invention as they are related to the same field endeavor of designing, implementing and deploying content. The motivation to combine these arts, as proposed above, at least because Delpuch et al.'s phone field would provide an address or identification associated with the content distributed to McCain's creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that providing a phone field would provide the system with a way to authorize the content distributed to the web service application.

21. In regard to claim 9, McCain discloses the claimed invention the system of Claim 1, the rejection is incorporated herein, McCain also teaches where said authoring tool (paragraph [0023]), but fails to explicitly teach "is further configured to: define a SMS field or list; and generate code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list." Delpuch et al. teach is further configured to: define a SMS field or list; (paragraph [0086]) and generate code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list. (Paragraph [0069])

It would have been obvious to one having ordinary skill in the art at the time the

invention was made to incorporate Delpuch et al.'s generating and transmitting authoring data associated with distributed content into McCain's invention as they are related to the same field endeavor of designing, implementing and deploying content. The motivation to combine these arts, as proposed above, at least because Delpuch et al.'s SMS field would provide the user with real-time interactions to McCain's creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that providing a SMS field would give the user with more ways of real-time communication to the web service application.

22. In regard to claim 15, McCain discloses the claimed invention the method of Claim 12, the rejection is incorporated herein. But McCain fails to explicitly teach "where said object is an input field for a chat." Delpuch et al. teach where said object is an input field for a chat.(paragraph [0106])

23. In regard to claim 19, McCain discloses the claimed invention the method of Claim 12, the rejection is incorporated herein. But McCain fails to explicitly teach "further comprising: defining a phone field or list; and generating code that, when executed on the device, allows a user to supply a phone number to said phone field or list." Delpuch et al. teach further comprising: defining a phone field or list; (paragraph [0086]) and generating code that, when executed on the device, allows a user to supply a phone number to said phone field or list. (Paragraph [0081])

24. In regard to claim 20, McCain discloses the claimed invention the method of Claim 12, the rejection is incorporated herein. But McCain fails to explicitly teach "further comprising: defining a SMS field or list; and generating code that, when

executed on the device, allows a user to supply an SMS address to said SMS field or list.” Delpuch et al. teach further comprising: defining a SMS field or list; (paragraph [0086]) and generating code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list. (Paragraph [0069]

25. Claims **10,21,23-28** are rejected under 35 U.S.C. 103(a) as being unpatentable over **McCain US Patent Application Publication No.: 2005/0273705** in view of

**Paddon et al. US Patent Application Publication No: 2006/0063518**

26. In regard to claim 10, McCain discloses the claimed invention the system of Claim 1, the rejection is incorporated herein. McCain also teaches where said code includes two or more codes, (paragraph [0072], non-binary and binary codes) where one of said two or more codes is device specific (paragraph [0072],[0084])

But McCain fails to explicitly teach “and where one of said two or more codes in device independent.” Paddon et al. teach where one of said two or more codes in device independent. (Paragraph [0010])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Paddon et al.’s developing and deploying device independent applications into McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying content. The motivation to combine these arts, as proposed above, at least because Paddon et al.’s developing device independent application would save the developers with significant time and resources to McCain’s creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that developing



and deploying device independent applications would enable developers to efficiently develop, deploy and maintain one instance of an application that can execute on multiple mobile communication platforms.

27. In regard to claim 21, McCain discloses the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches where said code includes two or more codes, (paragraph [0072], non-binary and binary codes) where one of said two or more codes is device specific, (paragraph [0072], [0084])

But McCain fails to explicitly teach “and where one of said two or more codes in device independent.” Paddon et al. teach and where one of said two or more codes in device independent. (Paragraph [0010])

28. In regard to claim 23, McCain discloses the claimed invention a method for providing information to a device on a network, (paragraph [0002] said method comprising: accepting a first code over the network, (paragraph [0022],) where said first code is device-dependent; (paragraph [0072], [0084], non-binary code is considered as a first code, binary code is considered as a second code) providing a second code over the network, (paragraph [0022] ) and executing said first code and said second code on the device to provide web components obtained over the network. (paragraph [0081])

But McCain fails to explicitly teach “where said second code is device-independent;” Paddon et al. teach where said second code is device-independent;(paragraph [0010])

29. In regard to claim 24, McCain and Paddon et al. together discloses the claimed invention the method of Claim 23, the rejection is incorporated herein. McCain also

teaches where said web component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed. (Paragraph [0072])

30. In regard to claim 25, McCain and Paddon et al. together discloses the claimed invention the method of Claim 23, the rejection is incorporated herein. McCain also teaches where said component is an output of a web service, (paragraph [0129]) is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement. (Paragraph [0072])

31. In regard to claim 26, McCain and Paddon et al. together discloses the claimed invention the method of Claim 23, the rejection is incorporated herein. McCain also teaches where said first code and said second code are generated using an authoring tool. (Paragraph [0071],[0079])

32. In regard to claim 27, McCain and Paddon et al. together discloses the claimed invention the method of Claim 23, the rejection is incorporated herein. McCain also teaches where said first code is a Player. (paragraph [0072], non-binary component is interpreted as a Player)

33. In regard to claim 28, McCain and Paddon et al. together discloses the claimed invention the method of Claim 23, the rejection is incorporated herein, McCain also teaches where said second code is an Application. (Paragraph [0072], binary component is interpreted as an Application)

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to XUYANG XIA whose telephone number is (571)270-3045. The examiner can normally be reached on Monday-Friday 7:30am-5pm, every other Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571)272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/XUYANG XIA/  
Examiner, Art Unit 2178  
9/12/2012

/Stephen S. Hong/  
Supervisory Patent Examiner, Art Unit 2178

<b>Notice of References Cited</b>	Application/Control No. 12/936,395	Applicant(s)/Patent Under Reexamination REMPELL ET AL.	
	Examiner XUYANG XIA	Art Unit 2178	Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2005/0273705	12-2005	McCain, Robert C.	715/513
*	B	US-2004/0055017	03-2004	Delpuch et al.	725/110
*	C	US-2006/0063518	03-2006	Paddon et al.	455/418
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
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	K	US-			
	L	US-			
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**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
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	R					
	S					
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**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<b><i>Search Notes</i></b>  	<b>Application/Control No.</b>  12936395	<b>Applicant(s)/Patent Under Reexamination</b>  REMPELL ET AL.
	<b>Examiner</b>  XUYANG XIA	<b>Art Unit</b>  2178

<b>SEARCHED</b>			
<b>Class</b>	<b>Subclass</b>	<b>Date</b>	<b>Examiner</b>
715	738	9/11/2012	

<b>SEARCH NOTES</b>		
<b>Search Notes</b>	<b>Date</b>	<b>Examiner</b>
Inventor Name Search for Double Patenting	9/10/2012	
EAST Search	9/11/2012	

<b>INTERFERENCE SEARCH</b>			
<b>Class</b>	<b>Subclass</b>	<b>Date</b>	<b>Examiner</b>

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CONFIRMATION NO. 2369

SERIAL NUMBER	FILING or 371(c) DATE RULE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.		
12/936,395	11/03/2010	715	2178	XPR.002USO		
<b>APPLICANTS</b> Steven H. Rempell, Novato, CA; David Chrobak, Clayton, CA; Ken Brown, San Martin, CA; <b>** CONTINUING DATA *****</b> This application is a 371 of PCT/US09/39695 04/06/2009 which claims benefit of 61/123,438 04/07/2008 and claims benefit of 61/113,471 11/11/2008 and claims benefit of 61/166,651 04/03/2009 <b>** FOREIGN APPLICATIONS *****</b> <b>** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** ** SMALL ENTITY **</b> 01/23/2011						
Foreign Priority claimed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 35 USC 119(a-d) conditions met <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Verified and Acknowledged <u>/XUYANG XIA/</u> Examiner's Signature		<input type="checkbox"/> Met after Allowance Initials	<b>STATE OR COUNTRY</b> CA	<b>SHEETS DRAWINGS</b> 18	<b>TOTAL CLAIMS</b> 28	<b>INDEPENDENT CLAIMS</b> 3
<b>ADDRESS</b> STEVEN VOSEN 1563 SOLANO AVENUE #206 BERKELEY, CA 94707 UNITED STATES						
<b>TITLE</b> SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES						
<b>FILING FEE RECEIVED</b> 763	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:			<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20050273705"	US-PGPUB; USPAT	AND	ON	2012/09/11 09:34
S2	2	("2005/0273705").URPN.	USPAT	OR	ON	2012/09/11 09:34
S3	2	("2005/0273705").URPN.	USPAT	OR	ON	2012/09/11 09:34
S4	3507	chat web service object phone SMS	US-PGPUB; USPAT	AND	ON	2012/09/11 09:38
S5	32	chat web service object phone (SMS adj address) author\$4 input output	US-PGPUB; USPAT	AND	ON	2012/09/11 09:39
S6	0	device adj indepentent adj application adj code	US-PGPUB; USPAT	AND	ON	2012/09/11 14:52
S7	0	indepentent adj application adj code	US-PGPUB; USPAT	AND	ON	2012/09/11 14:52
S8	0	(machine or device) adj indepentent adj (code or program or application)	US-PGPUB; USPAT	AND	ON	2012/09/11 15:02
S9	1052	(machine or device) adj independent adj (code or program or application)	US-PGPUB; USPAT	AND	ON	2012/09/11 15:02
S10	687	(machine or device) adj independent adj (code or program or application) object content	US-PGPUB; USPAT	AND	ON	2012/09/11 15:02
S11	428	(device) adj independent adj (code or program or application) object content	US-PGPUB; USPAT	AND	ON	2012/09/11 15:02
S12	397	(device) adj independent adj (code or program or application) object content network server	US-PGPUB; USPAT	AND	ON	2012/09/11 15:03
S13	51	(device) adj independent adj (code or program or application) object content network server video chat	US-PGPUB; USPAT	AND	ON	2012/09/11 15:03
S14	361	(device) adj independent adj (code or program or application) object content network server video	US-PGPUB; USPAT	AND	ON	2012/09/11 15:05
S15	2	(device) adj independent adj (code or program or application) same object same content network server video	US-PGPUB; USPAT	AND	ON	2012/09/11 15:06
S16	2	(device) adj independent adj (code or program or application) same object same content video	US-PGPUB; USPAT	AND	ON	2012/09/11 15:06
S17	15	(device) adj independent adj (code or	US-	AND	ON	2012/09/11

## EAST Search History

		program or application) same web same content	PGPUB; USPAT			15:08
S18	15	(machine or device) adj independent adj (code or program or application) same web same content	US- PGPUB; USPAT	AND	ON	2012/09/11 15:14
S19	23	(machine or device) adj independent adj (code or program or application) same content not S18	US- PGPUB; USPAT	AND	ON	2012/09/11 15:14

**9/ 12/ 2012 10:38:11 AM****C:\ Users\ xxia\ Documents\ EAST\ Workspaces\ 12936395.wsp**



<b><i>Index of Claims</i></b>  	<b>Application/Control No.</b>  12936395	<b>Applicant(s)/Patent Under Reexamination</b>  REMPELL ET AL.
	<b>Examiner</b>  XUYANG XIA	<b>Art Unit</b>  2178

✓	<b>Rejected</b>	-	<b>Cancelled</b>	N	<b>Non-Elected</b>	A	<b>Appeal</b>
=	<b>Allowed</b>	÷	<b>Restricted</b>	I	<b>Interference</b>	O	<b>Objected</b>

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant		<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47					
CLAIM		DATE									
Final	Original	09/10/2012									
	1	✓									
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	26	✓									
	27	✓									
	28	✓									

**UNITED STATES PATENT AND TRADEMARK OFFICE**

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Applicant(s): Rempell et al.

Application No.: 12/936,395

Filed: November 3, 2010

Title: SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON  
MOBILE DEVICES

Group Art Unit: 2369

Examiner: Xuyang Xia

Docket No.: XPR.002US0

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**AMENDMENT "A" UNDER 37 C.F.R. §1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

The following amendments and remarks are made in response to the Office Action mailed October 11, 2012. A Petition for Extension of Time and the requisite fee for filing a response within the second month are enclosed. Reexamination and reconsideration of the application in light of the following Remarks are respectfully requested, where:

**Amendments to the Claims** are reflected in the **Listing of Claims** which begins on page 2 of this paper; and

**Remarks/Arguments** begin on page 7 of this paper.

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**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of the claims in the application:

**Listing of Claims:**

Claim 1 (Currently Amended): A system for generating code to provide content on a display of a device, said system comprising:

a database including a registry of web services~~one or more web components related to inputs and/or outputs of a web service~~ obtainable over a network, ~~where said registry~~ each web component includes the symbolic names of inputs and/or outputs associated with the each web services;

an authoring tool configured to:

define ~~an~~ a user interface (UI) object for presentation on the display,

~~select a~~ where said UI object corresponds to a web component of a web service included in said database~~registry,~~

select a symbolic name from said registry-web component corresponding to the defined UI object,

associate said object with said the selected symbolic name with the defined UI object,

produce an Application including the selected symbolic name of the defined UI object and symbolic name associated with the inputs and/or outputs of the web component, and

~~produce~~ associated with the defined UI object, where said Application is a device-specific~~independent~~ code, and

produce a Player, where said Player is a device-dependent code,

such that, when the Application and Player are provided to the device, and when the Player is executed on the device, provides said selected~~said~~ Player interprets said Application to provide the web

component corresponding to the selected UI object and dynamically  
received values of the web component on the display of the device.

Claim 2 (Original): The system of claim 1, where said database includes definitions of input and/or output related to said web service.

Claim 3 (Currently Amended): The system of claim 1, where said web component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed.

Claim 4 (Currently Amended): The system of claim 1, where said UI object is an input field for a chat.

Claim 5 (Currently Amended): The system of claim 1, where said UI object is an input field for a web service.

Claim 6 (Currently Amended): The system of claim 1, where said UI object is an input field usable to obtain said web component, where said input field includes a text field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button.

Claim 7 (Currently Amended): The system of claim 1, where said web component is an output of a web service, is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.

Claim 8 (Previously Presented): The system of claim 1, where said authoring tool is further configured to:

define a phone field or list; and

generate code that, when executed on the device, allows a user to supply a phone number to said phone field or list.

Claim 9 (Previously Presented): The system of claim 1, where said authoring tool is further configured to:

define a SMS field or list; and

generate code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list.

Claim 10 (Currently Amended): The system of Claim 1,  
where said code includes ~~two~~three or more codes, where one of said ~~two~~three or more codes is device specific, and where ~~one~~two of said ~~two~~three or more codes

~~this~~ device independent.

Claim 11 (Original): The system of claim 1, where said code is provided over said network.

Claim 12 (Currently Amended): A method for displaying content on a device utilizing a database ~~of~~including a registry of one or more web services components related to inputs and/or outputs of a web service obtainable over a network, where said registry each web component includes the symbolic names of inputs and/or outputs associated with the each web services, said method comprising:

defining ~~an~~ a user interface (UI) object for presentation on the display;  
~~selecting a~~, where said UI object corresponds to a web component of a web service included in said ~~database~~registry;

selecting a symbolic name from said registry web component corresponding to the defined UI object;

associating said object with said the selected component; and symbolic name with the defined UI object;

producing an Application including the selected symbolic name of the defined UI object and symbolic name associated with the inputs and/or outputs of the web component associated with the defined UI object, where said Application is a device-dependent code; and

producing a Player, where said Player is a device-dependent code;  
such that, when the Application and Player are provided to the device, and when the Player is executed on the device, provides said selected said Player interprets said Application to provide the web component corresponding to the selected UI object and dynamically received values of the web component on the display of the device.

Claim 13 (Original): The method of claim 12, where said database includes definitions of input and/or output related to said web service.

Claim 14 (Currently Amended): The method of claim 12, where said web component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed.

Claim 15 (Currently Amended): The method of claim 12, where said UI object is an input field for a chat.

Claim 16 (Currently Amended): The method of claim 12, where said UI object is an input field for a web service.

Claim 17 (Currently Amended): The method of claim 12, where said UI object is an input field usable to obtain said web component, where said input field includes a text field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button.

Claim 18 (Currently Amended): The method of claim 12, where said web component is an output of a web service, is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.

Claim 19 (Previously Presented): The method of claim 12, further comprising:  
defining a phone field or list; and  
generating code that, when executed on the device, allows a user to supply a phone number to said phone field or list.

Claim 20 (Previously Presented): The method of claim 12, further comprising:  
defining a SMS field or list; and  
generating code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list.

Claim 21 (Currently Amended): The method of Claim 12, ~~where~~and such that said ~~code~~includes two or more codes, where one of said two or more codes is Player interprets dynamically received, device-specific, and where one of said two or more codes in device-independent- values of the web component defined in the Application.

Claim 22 (Currently Amended): The method of claim 12, further comprising:  
providing said ~~code~~Application and Player over said network.

Claim 23 (Currently Amended): A method for providing information from a web component of a web service to a device on a network, said method comprising:

accepting a first code over the network, where said first code is device-dependent;

~~providing~~accepting a second code (~~PDL~~) over the network, where said second code is device-independent; and

~~executing~~ includes the symbolic names of inputs and/or outputs associated with the web service; and executing said first code and said on the

device, where said executing includes:

processing said symbolic names of the second code~~on the device,~~  
transmitting processed instructions to provide the web components  
~~obtained~~service, and  
accepting a third code over the network~~-, where said third code is~~  
a device-independent third code including the output of the web  
component provided by the web service over the network and in response  
to the second code.

Claim 24 (Currently Amended): The method of claim 23, where said ~~web~~  
~~component~~third code is a text chat, a video chat, an image, a slideshow, a video, or an  
RSS feed.

Claim 25 (Currently Amended): The method of claim 23, where said ~~component~~third  
code is an output of a web service, is the text provided by one or more simultaneous chat  
sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS  
display, or an advertisement.

Claim 26 (Original): The method of claim 23, where said first code and said second  
code are generated using an authoring tool.

Claim 27 (Original): The method of claim 23, where said first code is a Player.

Claim 28 (Currently Amended): The method of claim 23, where said second code is  
an Application~~-, which includes one or more web components.~~

### **REMARKS**

This Amendment is submitted in response to the Office Action mailed October 11, 2012, wherein Claims 1-3, 5-7, 11-14, 16-18, and 22 were rejected as being anticipated by US Patent Application Publication No.: 2005/0273705 to McCain (“*McCain*”), Claims 4, 8-9, 15, and 19-20 were rejected under 35 U.S.C. 103(a) as being unpatentable over *McCain* in view of US Patent Application Publication No.: 2004/0055017 to Delpuch et al. (“*Delpuch*”), and Claims 10, 21, and 23-28 were rejected under 35 U.S.C. 103(a) as being unpatentable over *McCain* in view of US Patent Application Publication No: 2006/0063518 to Paddon et al. (“*Paddon*”). In response, Applicants have amended Claims 1, 3-7, 10, 12, 14-18, 21-25, and 28. Applicants respectfully submit that no new matter has been entered by any of these amendments.

#### **Claims 1-28 are thus pending in the application.**

For the reasons set forth below, Applicants respectfully submit that, as amended, all remaining claims in this application are patentably distinct over the prior art of record. Reconsideration and allowance of all pending claims in the application are respectfully solicited.

### **AMENDMENT TO THE CLAIMS**

Claims 1, 3-7, 10, 12, 14-18, 21-25, and 28 are amended herewith.

Claims 1, 4-6, 12, and 15-17 have been amended to more clearly recite the “object” as a “user interface object.” Support for this amendment is found, for example, in paragraphs [0056] - [0057].

Claims 1, 3, 6, 7, 12, 14, 17, 18, and 23 have been amended to more clearly recite the “component” as a “web component.” Support for this amendment is found, for example, in paragraphs [0064] - [0067].

Claims 1 and 12 are amended to recite the registry and the authoring tool in more detail. Support for the database is found, for example, with reference to web component registry **220** in paragraphs [0064], [0066], [0068], and [0072].

Support for the authoring tool is found, for example, with reference to web component registry **220**, and in paragraphs [0009], [0048], [0069], and [0075].



Claims 10 and 21 are amended to recite that “where said code includes three or more codes, where one of said three or more codes is device specific, and where two of said three or more codes is device independent.” Support for this amendment is found, for example, in paragraphs [0052].

Claim 22 is amended to recite: providing said Application and Player over said network. Support for this amendment is found, for example, in FIGS.1B and 2A and the accompanying description.

Claim 23 is amended to recite the symbolic names and further detail regarding method steps. Support for this amendment is found, for example, in FIGS.1B and 2A and the accompanying description, such as paragraph [0076].

Claims 24 and 25 are amended to recite various “third codes.” Support for this amendment is found in the original claim and, for example, in paragraphs [0076] and [0080].

Claim 28 is amended to recite: where said second code is an Application which includes one or more web components. Support for this amendment is found, for example, in paragraph [0056].

No new matter has been introduced with any of these amendments.

#### **REJECTION TO THE CLAIMS**

##### **Rejection under 35 U.S.C. §102**

**In Paragraph 2 of the Office Action**, Claims 1-3, 5-7, 11-14, 16-18, and 22 were rejected under 35 U.S.C. 102(b) as being anticipated by *McCain*. Claims 1, 3, 5-7, 12, 14, and 16-18 are amended herewith. Applicants respectfully submit that the claims, as amended and for the reasons presented subsequently, are patentable.

**The Present Application** includes embodiments for displaying information on a device, such as a mobile device, over a network. One embodiment is an authoring tool that generates files which together provide content over a network. The files include a **Player** (sometimes referred to herein as a “first code”) specific to each device and an **Application** (sometimes referred to herein as a “second code”) that is device-independent. The Player is activated by a web browser or other software or through a signal to device by a special telephone numbers, such as a short code. (see, for example, Paragraph [0049]).

When a device is provided with both a Player and an Application, the Player interprets the Application and dynamically provides information (sometimes referred to here as a “third code”), such as the values of the web component having a corresponding user interface (UI) object, on the display of the device. (see, for example, Paragraph [0102]).

In the present invention, the Application is a text file that includes the symbolic name of the information to be displayed, such as the symbolic name associated with the inputs and/or outputs of a web component of a web service. In certain embodiments, the information from the web component (the third code) is also device-independent, and may be interpreted by the Application.

In certain embodiments, the Application retrieves symbolic names from a database of the symbolic names corresponding to web components is accessible over a network, allowing the inventive software to determine locations on the network for accessing information.

In certain other embodiments, the Player also receives the web component output and interprets the output for display on the device.

**McCain** is concerned with automatically creating network software applications by visiting an existing web-site a network and adding new electronic content and new functionality using preexisting “solutions” available from a “solutions database.”

More specifically, the “solution” of **McCain** includes contents and software instructions to accomplish a desired functionality. The solution of **McCain** includes all necessary code to do so: **both non-binary components** (such as URLs including locations of other components) **and binary components** (such as graphics, audio, or video, executable components).

The solution of **McCain** is one code that is delivered to the device, where it is executed by a browser on the device. Thus, in paragraph [0072], **McCain** states:

A "solution" includes, but is not limited to, electronic content and software instructions to accomplish a desired functionality. A solution includes non-binary components ... [and] binary components... stored as “C2 objects. as described below.

C2 objects are further discussed in paragraph [0080], for example as including,

but not limited to, “software instructions, event controls, and components that can run within the web browser environment or access web-based services and/or communicate with back-end services.”

As discussed in paragraph [0081] the “component engine 18 processes processing instructions, **parameters**, scripts, schemas, **mark-up language tags**, binaries including images, **executables**, connection objects, etc. **and stores them in plural component definition units in extensible Markup Language (XML) format.** ... The multiple binary units are compressed and **compiled into a single unit called a C2 component.** ... The component engine 20 automatically generates all code necessary to create user interfaces, reference system components, data base connections, e-commerce connections, communication protocol connections, etc. C2 components may also be used to store solutions in the one or more solution databases 36' available via the one or more solution servers 36.

*McCain* thus clearly teaches combining all code (executable, device-dependent code as well as parameters (device-independent code) into C2 components, which are then provided to the browser to generate a display. There is no teaching or suggestion in *McCain* of separating binary, non-binary, or executable components into different codes. As noted by the Examiner in paragraph 22 of the Office Action, *McCain* fails teach a device-independent code.

In addition, *McCain* teaches that information from the web component is processed by the web browser, and there is no teaching or suggestion in *McCain* of the information from the web component being processed by the **Player** (that is, a code provided by the authoring tool).

**Claims 1-3, 5-7 and 11**

Claims 2-3, 5-7, and 11 depend on Claim 1. Independent Claim 1 has been amended to more clearly distinguish the claimed invention over the prior art by reciting, in part:

A system for generating code to provide content on a display of a device, said system comprising ... an authoring tool configured to:  
    produce an {device-independent code} Application including {a} selected symbolic name of {a} defined UI object and symbolic name associated with the inputs and/or outputs of the web component associated with the defined UI object, and

produce a {device-dependent code} Player,  
such that, when the Application and Player are provided to the device, and  
when the Player is executed on the device, said Player interprets said Application  
to provide the web component corresponding to the selected UI object and  
dynamically received values of the web component on the display of the device.

The claimed authoring tool is neither taught nor suggested by *McCain*. As  
discussed above, the authoring tool of *McCain* provides code (a “solution”), which is  
stored in a database, and is read by a browser on the device. Specifically, *McCain’s*  
solution includes contents and software instructions to accomplish a desired functionality,  
and includes all necessary code to do so: both *non-binary components* (such as URLs  
including locations of other components) and *binary components* (such as graphics,  
audio, or video, executable components). (see Paragraph [0072] of *McCain*).

There is no teaching or suggestion in *McCain* of an authoring tool that provides  
two separate codes: a device-dependent code (such as the claimed **Player**) and device-  
independent code (such as the claimed **Application**).

Further, the concept of delivering information over a network by providing, for  
example, web pages by a combination of both a device-dependent and device-  
independent code is nowhere found in *McCain*, who provides all of the information  
(binary and non-binary) for execution by a browser. There is no teaching or suggestion in  
*McCain* of having an Application and Player provided to the device where when the  
Player is executed on the device, the Player then interprets the Application to provide the  
web component corresponding to the selected UI object and dynamically received values  
of the web component on the display of the device.

Amended Claim 1 further recites a database including a registry of one or more  
web components related to inputs and/or outputs of a web service obtainable over a  
network, where said registry each web component includes the symbolic names of inputs  
and/or outputs associated with the each web services. As claimed, the authoring tool  
selects symbolic names from the registry said web component to produce a device-  
independent Application, which is then interpreted by the device-dependent Player. The  
combination of the claimed the database and its use are neither taught nor suggested by  
*McCain*.

*McCain* refers to a total of three databases: 1) database 24, 2) database 34, and 3)

database 36. Of the three databases, only database 24, shown in Fig 1, is used by the authoring tool, as claimed. Database 24, however, is not equivalent to the claimed registry, which includes an entire “solution” (both device-dependent and device-independent code). There is no teaching or suggestion in *McCain* of using such a solution database in an authoring tool to generate both a device-dependent and device-dependent codes, as claimed.

Lastly, there is no teaching or suggestion in *McCain*, or in the other references, of how a device-dependent code (the Player) may utilize symbolic references in a device-independent code (the *Application*), both of which are generated by an authoring tool, requests and then receives the output of web services and then populates associated UI Objects with this content.

For any of these reasons, *McCain* does not anticipate Claim 1, as amended. Specifically, neither the registry containing symbolic names, the use of such a registry in by an authoring tool to generate both device-dependent and device-independent code, or the use of the device-dependent and device-independent code together to return real time information to the device, are taught or suggested by *McCain*. Applicants respectfully request that the rejection of under §102 of Claim 1, as amended, and of amended Claims 2-3, 5-7, and 11, which depend on Claim 1, be withdrawn.

**Claims 12-14, 16-18, and 22**

Claims 13-14, 16-18, and 22 depend on Claim 12, which has been amended to include the same language discussed above regarding amended Claim 1.

For at least the reasons presented above for Claim 1, McCain does not anticipate Claim 12, as amended.

Thus, for any of the reasons presented above, Applicants respectfully request that the rejection of under §102 of Claim 12, as amended, and of amended Claims 13-14, 16-18 and 22, which depend on Claim 12, be withdrawn.

**Rejection under 35 U.S.C. §103**

**Paragraph 18 of the Office Action**, Claims 4, 8-9, 15, and 19-20 were rejected under 35 U.S.C. 103(a) as being unpatentable over *McCain* in view of *Delpuch*. Claims 4 and 15 are amended herewith, as are independent Claims 1 and 12, on which the claims

depend. Applicants respectfully submit that the claims, as amended and for the reasons presented subsequently, are patentable.

The present invention and **McCain** are discussed above. **Delpuch** teaches a system to enable authoring of content within an interactive television environment.

Claims 4 and 8-9 depend on amended Claim 1. Claims 15 and 19-20 depend on amended Claim 12.

The deficiencies of **McCain** to teach each limitation of amended Claims 1 and 12 are discussed above. **Delpuch** also fails to teach the claims, as amended (specifically the use of a Player and Application), and thus the combination of **McCain** and **Delpuch** fail to teach each limitation of either Claim 1 or 12, as amended.

The combination of **McCain** and **Delpuch** thus cannot be used to establish a *prima facie* case of obviousness for any of Claims 4, 8-9, 15, and 19-20, and it is respectfully requested that the rejection of Claims 4, 8-9, 15, and 19-20 under §103(a) be withdrawn.

**In Paragraph 25 of the Office Action**, Claims 10, 21, and 23-28 were rejected under 35 U.S.C. 103(a) as being unpatentable over **McCain** in view of **Paddon**. Applicants respectfully submit that the claims, as amended and for the reasons presented subsequently, are patentable.

The present invention and **McCain** are discussed above.

**Paddon** teaches device-dependent codes (UI engines 100, 101, or 102) that execute on a device (corresponding devices 111, 112, or 113) and a server system 130 which interprets device-dependent codes (a “rule set”). As discussed in paragraph [0014], the UI Engine may display a UI component as requested by the application on the device by providing a request to a server system for combining a rule set for a given mobile communication device, application and screen with content obtained from a third party content provider via an adapter. The adapter allows conversion of the native format of the content on the content provider's system to a format suitable for combination with a rule set in order to form a UI component for transmittal to a mobile communication device. The rule set determines what events and data are sent back and when the events and data are sent to the rule interface component when a particular interface element for

example a button is asserted by a user.

In short, as shown in FIG. 1, reproduced below, rule set 150 is interpreted by the server system 130, gathers information from content providers 160, etc., and then delivers content to devices 110, etc. There is no teaching or suggestion of providing device-dependent codes (*Paddon's* "rule set") to devices.

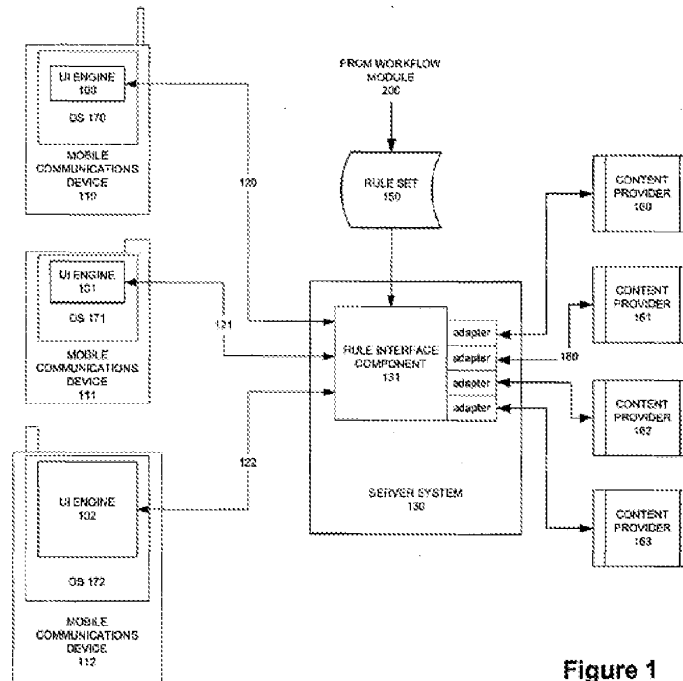


Figure 1

Claims 10, 21, 23 and 28 have been amended. Claim 10 depends on amended Claim 1, Claim 21 depends on amended Claim 12, and Claims 24-28 depend on amended Claim 23.

**Claims 10 and 21**

Amended Claims 10 and 21 depend on Claims 1 and 12, respectively, and recite: “such that, when the Application and Player are provided to the device, and when the Player is executed on the device, said Player interprets said Application to provide the web component corresponding to the selected UI object and dynamically received values of the web component on the display of the device.” Claims 10 and 21 are patentable for at least the following reasons.

First, Claims 1 and 12 are amended and, for the reasons presented above, Applicants submit that **McCain** does not anticipate amended Claim 1. The deficiencies in **McCain** are not remedies by **Paddon**, which does not teach or suggest an authoring tool that provides both device-dependent and device-independent code. For at least this reason, the combination of **McCain** and **Paddon** cannot be used to make a *prima facie* case of obviousness of either Claim 1 or 12 or of dependent claims 10 or 21.

Further, **McCain** teaches the benefits of providing a single code to the device. There is therefore no motivation within **McCain** to modify the teachings of **McCain** to incorporate incorporating device-independent codes.

In addition, neither **McCain** nor **Paddon** teach an authoring tool providing both device-dependent and device-independent code to the device. **McCain** does not teach an authoring tool providing device-independent code to a device, and **Paddon** teaches providing device-independent code to a separate server.

Lastly, Claim 10 and 21 recite that “when the Application and Player are provided to the device, and when the Player is executed on the device, said Player interprets said Application to provide the web component corresponding to the selected UI object and dynamically received values of the web component on the display of the device.”

**McCain** teaches a web browser which interprets web component data, and **Paddon** teaches that the device-independent code (the rule set) resides on a server different from the device.

For any of these reasons, a *prima facie* case of obviousness cannot be made regarding either of Claims 10 or 21, and Applicants respectfully request that the rejection of Claims 10 and 21 under 35 U.S.C. 103(a) be withdrawn.

#### **Claims 23-28**

Claims 24-28 depend on Claim 23. Claim 23 has been amended to recite, in part, a method ... comprising:

accepting a first code over the network, where said first code is device-dependent;

providing a second code over the network, where said second code is device-independent and includes symbolic names corresponding to a web component; and



executing said first code and said second code on the device to provide web components corresponding to the symbolic names over the network and in response to the second code.

Claim 24-28 depend on Claim 23, which has been amended. Paragraph 28 of the Office Action states that **McCain** discloses the invention of the original Claim 23 with the exception of that “said second code is device-independent,” and that this is taught by **Paddon**.

As discussed above regarding the rejection of Claim 10, where the first code of Claim 23 is the Player, the second code of Claim 23 is the Application, and the third code of Claim 23 is device-independent code provided by the web component, the claims, the cited references do not teach each limitation of Claim 23, as amended.

The combination of references thus fails to teach executing the claimed device-independent and device-dependent codes to the device, as claimed.

For any of these reasons, a *prima facie* case of obviousness cannot be made regarding of amended Claim 23 or of Claims 24-28, which depend on amended Claim 23, and Applicants respectfully request that the rejection of Claims 23-28 under 35 U.S.C. 103(a) be withdrawn.

Applicants respectfully submit that the application is in condition for allowance and action to that end is respectfully solicited. If the Examiner should feel that a telephone interview would be productive in resolving any issues in the case, please telephone the undersigned at the number listed below.

Respectfully submitted,

March 6, 2013

1563 Solano Ave., #206  
Berkeley, CA 94705  
Tel: (510) 841-4711; Fax: (510) 280-2984

/Steven R. Vosen/  
Steven R. Vosen  
Registration No. 45,186

Electronic Patent Application Fee Transmittal				
<b>Application Number:</b>		12936395		
<b>Filing Date:</b>		03-Nov-2010		
<b>Title of Invention:</b>		SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES		
<b>First Named Inventor/Applicant Name:</b>		Steven H. Rempell		
<b>Filer:</b>		Steven R Vosen/Christine Chan		
<b>Attorney Docket Number:</b>		XPR.002US0		
Filed as Small Entity				
<b>U.S. National Stage under 35 USC 371 Filing Fees</b>				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Basic Filing:</b>				
<b>Pages:</b>				
<b>Claims:</b>				
<b>Miscellaneous-Filing:</b>				
<b>Petition:</b>				
<b>Patent-Appeals-and-Interference:</b>				
<b>Post-Allowance-and-Post-Issuance:</b>				
<b>Extension-of-Time:</b>				
Extension - 2 months with \$0 paid	2252	1	285	285

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Total in USD (\$)				285

Electronic Acknowledgement Receipt	
EFS ID:	15137804
Application Number:	12936395
International Application Number:	
Confirmation Number:	2369
Title of Invention:	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Steven H. Rempell
Customer Number:	40280
Filer:	Steven R Vosen/Christine Chan
Filer Authorized By:	Steven R Vosen
Attorney Docket Number:	XPR.002US0
Receipt Date:	06-MAR-2013
Filing Date:	03-NOV-2010
Time Stamp:	19:52:38
Application Type:	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$285
RAM confirmation Number	9732
Deposit Account	
Authorized User	

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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1	Transmittal Letter	XPR002US0_Transmittal_Form_v2.pdf	149389 eb7ab7f466cd32cdd32791c3a18e3f822f9be091	no	1
Warnings:					
Information:					
2	Extension of Time	XPR002US0_Extension_of_Time_v2.pdf	55770 38eaff19735ab03fbc02a59ce912045355efd63b	no	1
Warnings:					
Information:					
3		XPR002_Resp_OA_v4.pdf	171276 e3f39443428fc7d9fad4405cd4a22df247ec847d	yes	16
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment/Req. Reconsideration-After Non-Final Reject		1	1	
	Claims		2	6	
	Applicant Arguments/Remarks Made in an Amendment		7	16	
Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	30588 d311dc2988576957bb58b483858ec9acdd075453	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			407023		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	12/936,395
	Filing Date	November 3, 2010
	First Named Inventor	Steven H. Rempell
	Art Unit	2178
	Examiner Name	XuYang Xia
Total Number of Pages in This Submission	Attorney Docket Number	XPR.002US0

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks This Response is in reply to the Office Action that was mailed on October 11, 2012		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name		
Signature	/Steven R. Vosen/	
Printed name	Steven R. Vosen	
Date	March 6, 2013	Reg. No. 45,186

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

<b>PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)</b>		Docket Number (Optional) <b>XPR.002US0</b>																												
Application Number <b>12/936,395</b>	Filed <b>November 3, 2010</b>																													
For <b>SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES</b>																														
Art Unit <b>2178</b>	Examiner <b>XuYang Xia</b>																													
<p>This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above-identified application.</p> <p>The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):</p> <table style="width: 100%; border-collapse: collapse;"><thead><tr><th></th><th style="text-align: center;"><u>Fee</u></th><th style="text-align: center;"><u>Small Entity Fee</u></th><th></th></tr></thead><tbody><tr><td><input type="checkbox"/> One month (37 CFR 1.17(a)(1))</td><td style="text-align: center;">\$150</td><td style="text-align: center;">\$75</td><td>\$ _____</td></tr><tr><td><input checked="" type="checkbox"/> Two months (37 CFR 1.17(a)(2))</td><td style="text-align: center;">\$570</td><td style="text-align: center;">\$285</td><td>\$ <b>285</b> _____</td></tr><tr><td><input type="checkbox"/> Three months (37 CFR 1.17(a)(3))</td><td style="text-align: center;">\$1,290</td><td style="text-align: center;">\$645</td><td>\$ _____</td></tr><tr><td><input type="checkbox"/> Four months (37 CFR 1.17(a)(4))</td><td style="text-align: center;">\$2,010</td><td style="text-align: center;">\$1,005</td><td>\$ _____</td></tr><tr><td><input type="checkbox"/> Five months (37 CFR 1.17(a)(5))</td><td style="text-align: center;">\$2,730</td><td style="text-align: center;">\$1,365</td><td>\$ _____</td></tr></tbody></table> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p><input type="checkbox"/> A check in the amount of the fee is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The Director has already been authorized to charge fees in this application to a Deposit Account.</p> <p><input type="checkbox"/> The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number _____.</p> <p><input checked="" type="checkbox"/> Payment made via EFS-Web.</p> <p><b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b></p> <p>I am the</p> <p><input type="checkbox"/> applicant/inventor.</p> <p><input type="checkbox"/> assignee of record of the entire interest. See 37 CFR 3.71. 37 CFR 3.73(b) statement is enclosed (Form PTO/SB/96).</p> <p><input checked="" type="checkbox"/> attorney or agent of record. Registration number <b>45,186</b> _____.</p> <p><input type="checkbox"/> attorney or agent acting under 37 CFR 1.34. Registration number _____.</p> <table style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%; padding: 5px;">/Steven R. Vosen/ _____ Signature</td><td style="width: 50%; padding: 5px;">March 6, 2013 _____ Date</td></tr><tr><td style="padding: 5px;">Steven R. Vosen _____ Typed or printed name</td><td style="padding: 5px;">(510) 841-4711 _____ Telephone Number</td></tr></table> <p><b>NOTE:</b> This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.</p>				<u>Fee</u>	<u>Small Entity Fee</u>		<input type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$150	\$75	\$ _____	<input checked="" type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$570	\$285	\$ <b>285</b> _____	<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$1,290	\$645	\$ _____	<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$2,010	\$1,005	\$ _____	<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$2,730	\$1,365	\$ _____	/Steven R. Vosen/ _____ Signature	March 6, 2013 _____ Date	Steven R. Vosen _____ Typed or printed name	(510) 841-4711 _____ Telephone Number
	<u>Fee</u>	<u>Small Entity Fee</u>																												
<input type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$150	\$75	\$ _____																											
<input checked="" type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$570	\$285	\$ <b>285</b> _____																											
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<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$2,010	\$1,005	\$ _____																											
<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$2,730	\$1,365	\$ _____																											
/Steven R. Vosen/ _____ Signature	March 6, 2013 _____ Date																													
Steven R. Vosen _____ Typed or printed name	(510) 841-4711 _____ Telephone Number																													
<input type="checkbox"/> * Total of _____ forms are submitted.																														

This collection of information is required by 37 CFR 1.136(a). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>PATENT APPLICATION FEE DETERMINATION RECORD</b> Substitute for Form PTO-875					Application or Docket Number <b>12/936,395</b>		Filing Date <b>11/03/2010</b>		<input type="checkbox"/> To be Mailed	
<b>APPLICATION AS FILED – PART I</b>										
(Column 1)			(Column 2)			SMALL ENTITY <input checked="" type="checkbox"/> OR		OTHER THAN SMALL ENTITY		
FOR	NUMBER FILED	NUMBER EXTRA	RATE (\$)	FEE (\$)		RATE (\$)	FEE (\$)			
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A				
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A				
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A				
TOTAL CLAIMS (37 CFR 1.16(j))	minus 20 =	*	X \$ =			X \$ =				
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X \$ =			X \$ =				
<input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).									
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))										
* If the difference in column 1 is less than zero, enter "0" in column 2.										
TOTAL			TOTAL							
<b>APPLICATION AS AMENDED – PART II</b>										
(Column 1)			(Column 2)			SMALL ENTITY OR		OTHER THAN SMALL ENTITY		
<b>AMENDMENT</b>	<b>03/06/2013</b>	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	* 28	Minus	** 28	= 0	X \$31 =	0		X \$ =	
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X \$125 =	0		X \$ =	
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))									
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
						TOTAL ADD'L FEE	<b>0</b>		TOTAL ADD'L FEE	
<b>AMENDMENT</b>		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)		RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$ =			X \$ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =			X \$ =	
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))									
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
						TOTAL ADD'L FEE			TOTAL ADD'L FEE	
<p>* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.</p> <p>** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".</p> <p>*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".</p> <p>The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.</p>										

Legal Instrument Examiner:  
/STELLA LITTLE/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



# UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/936,395	11/03/2010	Steven H. Rempell	XPR.002US0	2369
40280	7590	04/01/2013		
STEVEN VOSEN 1563 SOLANO AVENUE #206 BERKELEY, CA 94707			EXAMINER XIA, XUYANG	
			ART UNIT 2178	PAPER NUMBER
			MAIL DATE 04/01/2013	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	12/936,395	REMPELL ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	XUYANG XIA	2178	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 06 March 2013.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on \_\_\_\_; the restriction requirement and election have been incorporated into this action.
- 4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 5) ☒ Claim(s) 1-28 is/are pending in the application.
- 5a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 6) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 7) ☒ Claim(s) 1-28 is/are rejected.
- 8) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 9) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

\* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see [http://www.uspto.gov/patents/init\\_events/pph/index.jsp](http://www.uspto.gov/patents/init_events/pph/index.jsp) or send an inquiry to [PPHfeedback@uspto.gov](mailto:PPHfeedback@uspto.gov).

#### Application Papers

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☒ The drawing(s) filed on 04 October 2010 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |  |
|---|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                               | 3) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date ____ | 4) <input type="checkbox"/> Other: ____  |

### DETAILED ACTION

This final rejection is in response to the amendment filed on: 3/6/2013.

Claims 1,3-7 10, 12, 14-18,21-25 and 28 are amended. Thus, claims 1-28 are pending.

The following rejections are withdrawn, in view of new grounds of rejection necessitated by applicant's amendments:

Claims **1-3,5-7,11-14,16-18,22** are rejected under 35 U.S.C. 102(b) as being

**anticipated** by **McCain US Patent Application Publication No.: 2005/0273705**.

Claims **4,8-9,15,19-20** are rejected under 35 U.S.C. 103(a) as being unpatentable over

**McCain US Patent Application Publication No.: 2005/0273705** in view of **Delpuch et al. US Patent Application Publication No.: 2004/0055017**.

Claims **10,21,23-28** are rejected under 35 U.S.C. 103(a) as being unpatentable over

**McCain US Patent Application Publication No.: 2005/0273705** in view of **Paddon et al. US Patent Application Publication No: 2006/0063518**

### *Claim Objections - 35 USC § 101*

1. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims **1-11** are objected under 35 U.S.C. § 101 as not falling within one of the four statutory categories of invention. Claims 1-11 are non-statutory because claims **1-11** are directed to a system that does not have any physical structural elements. The system of claims 1-11 include a database and an authoring tool. The broadest reasonable interpretation of the claims means it includes an entirely software

implementation. The body of the claims is directed to software component alone, With no other structure in the independent claim to rely on, the alleged "system" of the claims turns out to be an abstract idea for being a computer program per se, and, thus, does not fit within the definition of the categories of patentable subject matter set forth in § 101. Therefore, the claims are non-statutory.

Note that Applicant may resolve the deficiency through use of the suggestion in the OG notice, but that it is not the sole manner of correction. Either way, ensure the new claim terminology has antecedent basis in the specification (37 CFR 1.75(d)(1) and MPEP 608.01(o)) and note that "rephrasing" the specification is acceptable and would normally be supported by the original disclosure so as not to constitute new matter (MPEP 2163.07).

### ***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

3. Claims **1-3,5-7,10-14,16-18,21-28** are rejected under 35 U.S.C. 103(a) as being unpatentable over **McCain US Patent Application Publication No.: 2005/0273705** in view of **Sidman US Patent Application Publication No.: 20040163020 and Paddon et al. US Patent Application Publication No: 2006/0063518.**

In regard to claim 1, McCain discloses the claimed invention (Currently Amended): A system (Paragraph [0002]) for generating code (paragraph [0081]) to provide content on a display of a device, (paragraph [0041], [0042]) said system comprising: a database obtainable over a network, (Fig. 1, paragraph [0070]) an authoring tool (paragraph [0023] ) configured to: define a user interface (UI) object for presentation on the display, (paragraph [0072]) ~~select a~~ where said UI object corresponds to a web component of a web service included in said registry, (paragraph [0072]-[0073],[0080], [0109]-[0113], see below for registry ) produce an Application. (paragraph [0109]-[0113])

But McCain fails to explicitly teach “a database including a registry of one or more web components related to inputs and/or outputs of a web service , where each web component includes the symbolic names of inputs and/or outputs associated with teach web services; included in said registry, select a symbolic name from said web component corresponding to the defined UI object, associate ~~said object with said~~ the selected symbolic name with the defined UI object, produce an Application including the selected symbolic name of the defined UI object and symbolic name associated with the inputs and/or outputs of the web component,~~produce~~ associated with the defined UI object, where said Application is a ~~device~~-independent code, and produce a Player,

where said Player is a device-dependent code, such that, when the Application and Player are provided to the device, and when the Player is executed on the device, ~~provides said selected~~ said Player interprets said Application to provide the web component corresponding to the selected UI object and dynamically received values of the web component on the display of the device."

Sidman teaches a database (paragraph [0083]) including a registry of one or more web components related to inputs and/or outputs of a web service, (paragraph [0020], [0024], [0025]) where each web component includes the symbolic names of inputs and/or outputs associated with each web services; (paragraph [0106]-[0110]) included in said registry, (paragraph [0024],[25]) select a symbolic name from said web component corresponding to the defined UI object, (paragraph [0104]) associate ~~said object with said~~ the selected symbolic name with the defined UI object, (paragraph [0104], [0105]), including the selected symbolic name of the defined UI object and symbolic name associated with the inputs and/or outputs of the web component, ~~produce~~ associated with the defined UI object, (paragraph [0104],[0105])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Sidman's method and system for registration effecting information access into McCain's invention as they are related to the same field endeavor of accessing network software applications. The motivation to combine these arts, as proposed above, at least because Sidman's registration related functionalities would provide more control mechanisms to McCain's software application deployment. Therefore it would have been obvious to one having ordinary skill in the art

at the time the invention was made that providing registration related functionalities would help to deploy software applications based on the registration information.

Paddon et al. teach produce an Application where said Application is a ~~device-~~ independent code, (paragraph [0010]) and produce a Player, where said Player is a device-dependent code, (paragraph [0010],[0011], UI engine) such that, when the Application and Player are provided to the device, and when the Player is executed on the device, (paragraph [0010],[0011]) ~~provides said selected~~ said Player interprets said Application to provide the web component corresponding to the selected UI object and dynamically received values of the web component on the display of the device.

(Paragraph [0012]-[0015])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Paddon et al.'s developing and deploying device independent applications into Sidman's method and system for registration effecting information access and McCain's invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Paddon et al.'s developing device independent applications would save the developers with significant time and resources to McCain's creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that developing and deploying device independent applications would enable developers to efficiently develop, deploy and maintain one instance of an application that can execute on multiple mobile communication platforms.



In regard to claim 2, McCain, Sidman and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

McCain also teaches where said database includes definitions of input and/or output related to said web service.(paragraph [0015])

In regard to claim 3, McCain, Sidman and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

McCain also teaches where said web component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed. (Paragraph [0071],[0072])

In regard to claim 5, McCain, Sidman and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

McCain also teaches where said UI object is an input field (paragraph [0015]) for a web service.(Fig.3, paragraph [0079],[0136])

In regard to claim 6, McCain, Sidman and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

McCain also teaches where said UI object is an input field usable to obtain said web component, where said input field includes a text field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button.(Fig. 3, paragraph [0078],[0079],[0080])

In regard to claim 7, McCain, Sidman and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

McCain also teaches where said web component is an output of a web service, (paragraph [0128], [0129]) is the text provided by one or more simultaneous chat

sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement. (Paragraph [0071], [0072])

In regard to claim 10, McCain, Sidman and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

But McCain fails to explicitly teach “where said code includes three or more codes, where one of said third or more codes is device specific, and where two of said three or more codes in device independent.”

Paddon et al. teach where said code includes three or more codes, (paragraph [0010], [0011]) where one of said third or more codes is device specific, (paragraph [0010]) and where two of said three or more codes in device independent. (Paragraph [0010],[0026])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Paddon et al.’s developing and deploying device independent applications into Sidman’s method and system for registration effecting information access and McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Paddon et al.’s developing device independent applications would save the developers with significant time and resources to McCain’s creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that developing and deploying device independent applications would enable

developers to efficiently develop, deploy and maintain one instance of an application that can execute on multiple mobile communication platforms.

In regard to claim 11, McCain, Sidman and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein. McCain also teaches where said code is provided over said network.(Paragraph [0022])

In regard to claim 12, McCain discloses the claimed invention a method (Paragraph [0002]) for displaying content on a device (paragraph [0041], [0042]) utilizing a database obtainable over a network, (Fig. 1, paragraph [0070]) said method comprising: defining a user interface (UI) object for presentation on the display; (paragraph [0072]), where said UI object corresponds to a web component of a web service included in said registry (paragraph [0072],[0073],[0080], [0109]-[0113], see below for registry) producing an Application. (Paragraph [0109]-[0113])

But McCain fails to explicitly teach “a database including a registry of one or more web components related to inputs and/or outputs of a web service , where each web component includes the symbolic names of inputs and/or outputs associated with each web services; included in said registry, selecting a symbolic name from said web component corresponding to the defined UI object, associating ~~said object with said the~~ selected symbolic name with the defined UI object, producing an Application including the selected symbolic name of the defined UI object and symbolic name associated with the inputs and/or outputs of the web component, ~~produce~~ associated with the defined UI object, where said Application is a ~~device~~-independent code, and produce a Player, where said Player is a device-dependent code, such that, when the Application and

Player are provided to the device, and when the Player is executed on the device, provides said selected said Player interprets said Application to provide the web component corresponding to the selected UI object and dynamically received values of the web component on the display of the device."

Sidman teaches a database (paragraph [0083]) including a registry of one or more web components related to inputs and/or outputs of a web service, (paragraph [0020], [0024], [0025]) where each web component includes the symbolic names of inputs and/or outputs associated with each web services; (paragraph [0106]-[0110]) included in said registry, (paragraph [0024],[0025]) selecting a symbolic name from said web component corresponding to the defined UI object, (paragraph [0104]) associating said object with said the selected symbolic name with the defined UI object, (paragraph [0104], [0105]), including the selected symbolic name of the defined UI object and symbolic name associated with the inputs and/or outputs of the web component, produce associated with the defined UI object, (paragraph [0104],[0105])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Sidman's method and system for registration effecting information access into McCain's invention as they are related to the same field endeavor of accessing network software applications. The motivation to combine these arts, as proposed above, at least because Sidman's registration related functionalities would provide more control mechanisms to McCain's software application deployment. Therefore it would have been obvious to one having ordinary skill in the art

at the time the invention was made that providing registration related functionalities would help to deploy software applications based on the registration information.

Paddon et al. teach producing an Application where said Application is a ~~device-~~ independent code, (paragraph [0010]) and producing a Player, where said Player is a device-dependent code, (paragraph [0010],[0011], UI engine) such that, when the Application and Player are provided to the device, and when the Player is executed on the device, (paragraph [0010],[0011]) ~~provides said selected~~ said Player interprets said Application to provide the web component corresponding to the selected UI object and dynamically received values of the web component on the display of the device.

(Paragraph [0012]-[0015])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Paddon et al.'s developing and deploying device independent applications into Sidman's method and system for registration effecting information access and McCain's invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Paddon et al.'s developing device independent applications would save the developers with significant time and resources to McCain's creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that developing and deploying device independent applications would enable developers to efficiently develop, deploy and maintain one instance of an application that can execute on multiple mobile communication platforms.

In regard to claim 13, McCain, Sidman and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches where said database includes definitions of input and/or output related to said web service. (paragraph [0015])

In regard to claim 14, McCain, Sidman and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches where said web component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed. (Paragraph [0071], [0072])

In regard to claim 16, McCain, Sidman and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches where said UI object is an input field (paragraph [0015]) for a web service. (Fig.3, paragraph [0078],[0079],[0136])

In regard to claim 17, McCain, Sidman and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches where said UI object is an input field usable to obtain said web component, where said input field includes a text field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button. (Fig. 3, paragraph [0078],[0079],[0080])

In regard to claim 18, McCain, Sidman and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches where said web component is an output of a web service, (paragraph [0128], [0129]) is the text provided by one or more simultaneous chat sessions, is the

video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement. (Paragraph [0072])

In regard to claim 21, McCain, Sidman and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein.

But McCain fails to explicitly teach “and such that said Player interprets dynamically received device device independent Application.”

Paddon et al. teach and such that said Player interprets dynamically received device independent Application. (Paragraph [0010],[0011],[0017])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Paddon et al.’s developing and deploying device independent applications into Sidman’s method and system for registration effecting information access and McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Paddon et al.’s developing device independent applications and device dependent players would save the developers with significant time and resources to McCain’s creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that developing and deploying device independent applications and device dependent players would enable developers to efficiently develop, deploy and maintain one instance of an application that can execute on multiple mobile communication platforms.

In regard to claim 22, McCain, Sidman and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches further comprising: providing said Application ([0109]-[0113]) over said network. (Paragraph [0022])

But McCain fails to explicitly teach “providing said Player.”

Paddon et al. teach providing said Player. (Paragraph [0010],[0011], UI engine)

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Paddon et al.’s developing and deploying device independent applications into Sidman’s method and system for registration effecting information access and McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Paddon et al.’s developing device independent applications and device dependent players would save the developers with significant time and resources to McCain’s creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that developing and deploying device independent applications and device dependent players would enable developers to efficiently develop, deploy and maintain one instance of an application that can execute on multiple mobile communication platforms.

In regard to claim 23, McCain discloses the claimed invention a method for providing information from a web component of a web service (paragraph [0072],[0073],[0080],[0136]) to a device on a network, (paragraph [0002])



But McCain fails to explicitly teach “said method comprising: accepting a first code over the network, where said first code is device- dependent; accepting a second code over the network, where said second code is device-independent, and includes the symbolic names of inputs and/or outputs associated with the web service; and executing said first code on the device, where said executing includes: processing said symbolic names of the second code on the device~ transmitting processed instructions to provide the web components-service, and accepting a third code over the network, where said third code is a device-independent third code including the output of the web component provided by the web service over the network and in response to the second code.”

Paddon et al. teach said method comprising: accepting a first code over the network, where said first code is device- dependent; (paragraph [0005], [0010], [0011], UI engine) accepting a second code over the network, where said second code is device-independent, (paragraph [0005], [0010], [0011]) and executing said first code on the device, (paragraph [0010],[0011]) where said executing includes: processing said symbolic names of the second code, (paragraph [0011],[0014],[0015], see below for said symbolic names) transmitting processed instructions to provide the web components-service, (paragraph [0011],[0014], [0026]) and accepting a third code over the network, (paragraph [0011],[0014],[0026]) where said third code is a device-independent third code including the output of the web component provided by the web service over the network and in response to the second code. (Paragraph [0010],[0011],[0014],[0026])

Sidman teach and includes the symbolic names of inputs and/or outputs associated with the web service; (paragraph [0106]-[0110]) said symbolic names of the second code (paragraph [0106]-[0110], see above for the second code.)

In regard to claim 24, McCain, Sidman and Paddon et al. together disclose the claimed invention the method of Claim 23, the rejection is incorporated herein.

McCain also teaches where said third code is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed. (Paragraph [0072])

In regard to claim 25, McCain, Sidman and Paddon et al. together disclose the claimed invention the method of Claim 23, the rejection is incorporated herein.

McCain also teaches where said third code is an output of a web service, (paragraph [0129]) is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement. (Paragraph [0072])

In regard to claim 26, McCain, Sidman and Paddon et al. together disclose the claimed invention the method of Claim 23, the rejection is incorporated herein.

McCain also teaches where said first code and said second code are generated using an authoring tool. (Paragraph [0071],[0079])

In regard to claim 27, McCain, Sidman and Paddon et al. together disclose the claimed invention the method of Claim 23, the rejection is incorporated herein.

McCain also teaches where said first code is a Player.(paragraph [0072], non-binary component is interpreted as a Player)

In regard to claim 28, McCain, Sidman and Paddon et al. together disclose the claimed invention the method of Claim 23, the rejection is incorporated herein,

But McCain fails to explicitly teach “where said second code is an Application which includes one or more web components.”

Paddon et al. teach where said second code is an Application which includes one or more web components. (Paragraph [0010]-[0015])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Paddon et al.’s developing and deploying device independent applications into Sidman’s method and system for registration effecting information access and McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Paddon et al.’s developing device independent applications would save the developers with significant time and resources to McCain’s creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that developing and deploying device independent applications would enable developers to efficiently develop, deploy and maintain one instance of an application that can execute on multiple mobile communication platforms.

4. Claims **4,8-9,15,19-20** are rejected under 35 U.S.C. 103(a) as being unpatentable over **McCain US Patent Application Publication No.: 2005/0273705, Sidman US Patent Application Publication No.: 20040163020 and Paddon et al. US**

**Patent Application Publication No: 2006/0063518** as applied to above claim 1, further in view of **Delpuch et al. US Patent Application Publication No.: 2004/0055017.**

In regard to claim 4, McCain, Sidman and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

But McCain fails to explicitly teach “where said UI object is an input field for a chat.”

Delpuch et al. teach where said UI object is an input field for a chat. (Paragraph [0106])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Delpuch et al.’s generating and transmitting authoring data associated with distributed content into Paddon et al.’s developing and deploying device independent applications, Sidman’s method and system for registration effecting information access and McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying content. The motivation to combine these arts, as proposed above, at least because Delpuch et al.’s capability to provide input field for a chat would provide the user with real-time interactions to McCain’s creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that providing an input field for chat would give the user with more ways of real-time communication to the web service application.

In regard to claim 8, McCain, Sidman and Paddon et al. together discloses the claimed invention the system of Claim 1, the rejection is incorporated herein, McCain also teaches where said authoring tool (paragraph [0023]).

But McCain fails to explicitly teach “is further configured to: define a phone field or list; and generate code that, when executed on the device, allows a user to supply a phone number to said phone field or list.”

Delpuch et al. teach is further configured to: define a phone field or list; (paragraph [0086]) and generate code that, when executed on the device, allows a user to supply a phone number to said phone field or list. (Paragraph [0081])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Delpuch et al.’s generating and transmitting authoring data associated with distributed content into Paddon et al.’s developing and deploying device independent applications, Sidman’s method and system for registration effecting information access and McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying content. The motivation to combine these arts, as proposed above, at least because Delpuch et al.’s phone field would provide an address or identification associated with the content distributed to McCain’s creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that providing a phone field would provide the system with a way to authorize the content distributed to the web service application.

In regard to claim 9, McCain, Sidman and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein, McCain also teaches where said authoring tool (paragraph [0023]).

But McCain fails to explicitly teach “is further configured to: define a SMS field or list; and generate code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list.”

Delpuch et al. teach is further configured to: define a SMS field or list; (paragraph [0086]) and generate code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list. (Paragraph [0069] It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Delpuch et al.’s generating and transmitting authoring data associated with distributed content into Paddon et al.’s developing and deploying device independent applications, Sidman’s method and system for registration effecting information access and McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying content. The motivation to combine these arts, as proposed above, at least because Delpuch et al.’s SMS field would provide the user with real-time interactions to McCain’s creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that providing a SMS field would give the user with more ways of real-time communication to the web service application.

In regard to claim 15, McCain, Sidman and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein.

But McCain fails to explicitly teach “where said object is an input field for a chat.”

Delpuch et al. teach where said object is an input field for a chat. (Paragraph [0106])

In regard to claim 19, McCain, Sidman and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein.

But McCain fails to explicitly teach “further comprising: defining a phone field or list; and generating code that, when executed on the device, allows a user to supply a phone number to said phone field or list.”

Delpuch et al. teach further comprising: defining a phone field or list; (paragraph [0086]) and generating code that, when executed on the device, allows a user to supply a phone number to said phone field or list. (Paragraph [0081])

In regard to claim 20, McCain, Sidman and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein.

But McCain fails to explicitly teach “further comprising: defining a SMS field or list; and generating code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list.”

Delpuch et al. teach further comprising: defining a SMS field or list; (paragraph [0086]) and generating code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list. (Paragraph [0069])

***Response to Arguments***

5. Applicant's arguments with respect to claims 1-28 have been considered but are moot because the arguments do not apply to any of the references being used in the current rejection.

***Response to Arguments***

6. Applicant's arguments filed on 3/6/2013 have been fully considered but they are not persuasive.

With respect to claim 10 and 21, the applicant argues "There is no teaching or suggestion of providing device- dependent codes to devices.", Paragraph [0010],[0011] of Paddon et al. disclose device-dependent codes to devices which is UI engine. Therefore, the applicant's argument is not persuasive.

The applicant secondly argues that "Further, McCain teaches the benefits of providing a single code to the device. There is therefore no motivation within McCain to modify the teachings of McCain to incorporate incorporating device-independent codes." Paragraph of [0072],[0073] of McCain disclose binary and non-binary codes, but they are not necessarily device dependent codes. Therefore, the applicant's argument is not persuasive.

The applicant makes a third arguments stating "In addition, neither McCain nor Paddon teach an authoring tool providing both device-dependent and device-independent code to the device. McCain does not teach an authoring tool providing device-independent code to a device, and Paddon teaches providing device-independent code to a separate server." Combination of McCain, Sidman and Paddon



teach the above limitations. See rejections above. Therefore, the applicant's argument is not persuasive.

### ***Conclusion***

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to XUYANG XIA whose telephone number is (571)270-3045. The examiner can normally be reached on Monday-Friday 7:30am-5pm, every other Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571)272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/XUYANG XIA/  
Examiner, Art Unit 2178

/Kyle R Stork/  
Primary Examiner, Art Unit 2178

<b>Notice of References Cited</b>	Application/Control No. 12/936,395	Applicant(s)/Patent Under Reexamination REMPELL ET AL.	
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**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2004/0055017	03-2004	Delpuch et al.	725/110
*	B	US-2006/0063518	03-2006	Paddon et al.	455/418
*	C	US-2005/0273705	12-2005	McCain, Robert C.	715/513
*	D	US-2004/0163020	08-2004	Sidman, David	714/100
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			


**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<b><i>Search Notes</i></b>  	<b>Application/Control No.</b>  12936395	<b>Applicant(s)/Patent Under Reexamination</b>  REMPELL ET AL.
	<b>Examiner</b>  XUYANG XIA	<b>Art Unit</b>  2178

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
715	738	9/11/2012	

SEARCH NOTES		
Search Notes	Date	Examiner
Inventor Name Search for Double Patenting	9/10/2012	
EAST Search	9/11/2012	
EAST Search	3/18/2013	

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

/XUYANG XIA/ Examiner.Art Unit 2178	
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## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20050273705"	US-PGPUB; USPAT	AND	ON	2012/09/11 09:34
S2	2	("2005/0273705").URPN.	USPAT	OR	ON	2012/09/11 09:34
S3	2	("2005/0273705").URPN.	USPAT	OR	ON	2012/09/11 09:34
S4	3507	chat web service object phone SMS	US-PGPUB; USPAT	AND	ON	2012/09/11 09:38
S5	32	chat web service object phone (SMS adj address) author\$4 input output	US-PGPUB; USPAT	AND	ON	2012/09/11 09:39
S6	0	device adj indepentent adj application adj code	US-PGPUB; USPAT	AND	ON	2012/09/11 14:52
S7	0	indepentent adj application adj code	US-PGPUB; USPAT	AND	ON	2012/09/11 14:52
S8	0	(machine or device) adj indepentent adj (code or program or application)	US-PGPUB; USPAT	AND	ON	2012/09/11 15:02
S9	1052	(machine or device) adj independent adj (code or program or application)	US-PGPUB; USPAT	AND	ON	2012/09/11 15:02
S10	687	(machine or device) adj independent adj (code or program or application) object content	US-PGPUB; USPAT	AND	ON	2012/09/11 15:02
S11	428	(device) adj independent adj (code or program or application) object content	US-PGPUB; USPAT	AND	ON	2012/09/11 15:02
S12	397	(device) adj independent adj (code or program or application) object content network server	US-PGPUB; USPAT	AND	ON	2012/09/11 15:03
S13	51	(device) adj independent adj (code or program or application) object content network server video chat	US-PGPUB; USPAT	AND	ON	2012/09/11 15:03
S14	361	(device) adj independent adj (code or program or application) object content network server video	US-PGPUB; USPAT	AND	ON	2012/09/11 15:05
S15	2	(device) adj independent adj (code or program or application) same object same content network server video	US-PGPUB; USPAT	AND	ON	2012/09/11 15:06
S16	2	(device) adj independent adj (code or program or application) same object same content video	US-PGPUB; USPAT	AND	ON	2012/09/11 15:06
S17	15	(device) adj independent adj (code or	US-	AND	ON	2012/09/11

		program or application) same web same content	PGPUB; USPAT			15:08
S18	15	(machine or device) adj independent adj (code or program or application) same web same content	US-PGPUB; USPAT	AND	ON	2012/09/11 15:14
S19	23	(machine or device) adj independent adj (code or program or application) same content not S18	US-PGPUB; USPAT	AND	ON	2012/09/11 15:14
S20	1143	database registry web adj service same (input or output)	US-PGPUB; USPAT	AND	ON	2013/03/12 16:10
S21	247	database registry web adj service same (input or output) user adj interface application player	US-PGPUB; USPAT	AND	ON	2013/03/12 16:11
S22	247	database registry web adj service same (input or output) user adj interface application player	US-PGPUB; USPAT	AND	ON	2013/03/12 16:11
S23	64	database registry web adj service same (input or output) user adj interface application player authoring	US-PGPUB; USPAT	AND	ON	2013/03/12 16:18
S24	1	database registry web adj service same (input or output) user adj interface application player authoring wysiwyg	US-PGPUB; USPAT	AND	ON	2013/03/12 16:18
S25	0	"12271692".ad.	US-PGPUB; USPAT	AND	ON	2013/03/12 16:26
S26	0	"12271692".ap.	US-PGPUB; USPAT	AND	ON	2013/03/12 16:26
S27	9	"12271692"	US-PGPUB; USPAT	AND	ON	2013/03/12 16:26
S28	9	authoring adj applications mobile adj device registry database	US-PGPUB; USPAT	AND	ON	2013/03/12 16:31
S29	4940	authoring adj tool	US-PGPUB; USPAT	AND	ON	2013/03/12 16:42
S30	1589	authoring adj tool web adj server	US-PGPUB; USPAT	AND	ON	2013/03/12 16:42
S31	633	authoring adj tool web adj service	US-PGPUB; USPAT	AND	ON	2013/03/12 16:42
S32	266	authoring adj tool web adj service mobile	US-PGPUB; USPAT	AND	ON	2013/03/12 16:42
S33	239	authoring adj tool web adj service mobile user adj interface	US-PGPUB; USPAT	AND	ON	2013/03/12 16:42

3/18/2013 12:35:08 PM

C:\Users\xxia\Documents\EAST\Workspaces\12936395.wsp

<b><i>Index of Claims</i></b> 	<b>Application/Control No.</b> 12936395	<b>Applicant(s)/Patent Under Reexamination</b> REMPELL ET AL.
	<b>Examiner</b> XUYANG XIA	<b>Art Unit</b> 2178

✓	<b>Rejected</b>	-	<b>Cancelled</b>	N	<b>Non-Elected</b>	A	<b>Appeal</b>
=	<b>Allowed</b>	÷	<b>Restricted</b>	I	<b>Interference</b>	O	<b>Objected</b>

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant				<input type="checkbox"/> CPA				<input type="checkbox"/> T.D.				<input type="checkbox"/> R.1.47			
CLAIM		DATE													
Final	Original	09/10/2012	03/12/2013												
	1	✓	✓												
	2	✓	✓												
	3	✓	✓												
	4	✓	✓												
	5	✓	✓												
	6	✓	✓												
	7	✓	✓												
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	26	✓	✓												
	27	✓	✓												
	28	✓	✓												

**UNITED STATES PATENT AND TRADEMARK OFFICE**

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Applicant(s): Rempell et al.

Application No.: 12/936,395

Filed: November 3, 2010

Title: SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON  
MOBILE DEVICES

Group Art Unit: 2178

Examiner: Xuyang Xia

Docket No.: XPR.002US0

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**REPLY "B" UNDER 37 C.F.R. §1.116(e)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

The following remarks are made in response to, and within 2 months, of the Final Office Action mailed April 1, 2013. Reexamination and reconsideration of the application in light of the following Remarks are respectfully requested, where:

**Remarks/Arguments** begin on page 2 of this paper.



**REMARKS**

This Reply is submitted in response to the Final Office Action mailed April 1, 2013, wherein Claims 1-11 were rejected under 35 U.S.C. 101 as not falling within a statutory class, Claims 1-3, 5-7, 10-14, 16-18, and 21-28 were rejected under 35 U.S.C. 103(a) as being unpatentable over US Patent Application Publication No.: 2005/0273705 to McCain ("**McCain**") in view of US Patent Application Publication No: 2004/0163020 to Sidman ("**Sidman**") and US Patent Application Publication No: 2006/0063518 to Paddon et al. ("**Paddon**"), and Claims 4, 8-9, 15, and 19-20 were rejected under 35 U.S.C. 103(a) as being unpatentable over **McCain**, **Sidman**, and **Paddon** in further view of US Patent Application Publication No: 2004/0055017 to Delpuch et al. ("**Delpuch**")

**Claims 1-28 are thus pending in the application.**

**THE PREVIOUS ACTION SHOULD NOT HAVE BEEN FINAL**

**In Paragraph 1 of the Office Action**, Claims 1-11 were newly rejected under 35 U.S.C. 101 for being directed to a system that does not have any physical structural elements. For the reasons that follow, Applicant asserts that the finality of the present Office Action was not proper, and requests that the Office re-issue the Office Action as a non-final action.

According to MPEP 706.07(a) ("Final Rejection, When Proper on Second Action"):

Under present practice, second or any subsequent actions on the merits shall be final, except where the examiner introduces a new ground of rejection that is neither necessitated by applicant's amendment of the claims nor based on information submitted in an information disclosure statement filed during the period set forth in 37 CFR 1.97(c) with the fee set forth in 37 CFR 1.17(p).

In response to Applicant's amendment, *which added additional recitations*, the claims were newly rejected for not reciting **any** physical elements. While the Applicants do not agree with this rejection, as discussed subsequently, it is clear that since Applicant's amendment added recitations, a rejection of not reciting any physical element could have been made previously.

The Examiner has thus introduced a new ground of rejection that was neither necessitated by applicant's amendment of the claims nor based on information submitted in an information disclosure statement. *Applicant therefore submits that that the Office Action of April 1, 2013 should not have been a "Final Rejection,"* and requests that the Office re-issue the Office Action as a Non-Final Office Action.

### **RESPONSE TO FINAL ACTION**

Assuming that the Office does not re-issue the Office Action as being Non-Final, Applicant is submitting this response after Final submitted under 1.116(e). Applicant respectfully requests that the information contained herein be considered.

For the reasons set forth below, Applicants respectfully submit that all remaining claims in this application are patentably distinct over the prior art of record. Reconsideration and allowance of all pending claims in the application are respectfully solicited.

### **REJECTION TO THE CLAIMS**

#### **Rejection under 35 U.S.C. §101**

**In Paragraph 1 of the Office Action**, Claims 1-11 were rejected under 35 U.S.C. 101 as not falling within a statutory class, specifically for being directed to a system that does not have any physical structural elements. Applicant respectfully disagrees for the following reasons.

Claims 2-11 depend on Claim 1, which recites the following, in part, where **structural elements are highlighted**:

1. **A system ... to provide content on a display of a device**, ... comprising:
  - a database ... of ...web components ... of a web service **obtainable over a network**; ...
  - an authoring tool configured to:
    - define **a user interface (UI) object for presentation on the display**, ...
    - produce an Application [which] is a device-independent code, and
    - produce a Player [which] a device-dependent code,

such that, when the Application and Player are provided to the device, and when the Player is executed on the device, said Player interprets said Application to provide the web component corresponding to the selected UI object and dynamically received values of the web component on the display of the device.

Applicant's respectfully submit that Claim 1 recites ample structural elements to be considered as falling within a statutory class, and request the rejection under 35 U.S.C. 101 of Claim 1, and Claims 2-11 which depend on Claim 1, be withdrawn.

Rejection under 35 U.S.C. §103

In paragraph 3 of the Office Action, Claims 1-3, 5-7, 10-14, 16-18, and 21-28 were rejected under 35 U.S.C. 103(a) as being unpatentable over *McCain* in view of *Sidman* and *Paddon*. Claims 2-3, 5-7, and 10-11 depend on independent Claim 1, Claims 13-14, 16-18, and 21-22 depend on independent Claim 12, and Claims 24-28 depend on independent Claim 23.

The Present Application addresses displaying information on a device, such as a mobile device, over a network. One embodiment is an authoring tool that generates files which together provide content over a network. The files include a Player (sometimes referred to herein as a “first code”) specific to each device and an Application (sometimes referred to herein as a “second code”) that is device-independent. The Player is activated by a web browser or other software or through a signal to device by a special telephone numbers, such as a short code. (see, for example, Paragraph [0049]).

The Application notes, that the:

[W]eb service 230 as is a plurality of services obtainable over the Internet. Each web service is identified and/or defined as an entry in web component registry 230, which is a database, XML file, or PDL that exists on a computer that may be a server previously described or another server 120. Web component registry 230 is provided through server 120 to authoring platform 110 so that a user of the authoring platform may bind web services 230 to elements to be displayed on device 130, as described subsequently. (Paragraph [0066])

In one embodiment, authoring platform 110 allows a user to associate certain objects for display that provide input or output to components of web service 230. (paragraph [0069])

A “web service” is a method of communication between two electronic devices over the World Wide Web, and is typically a proprietary computer program run by the company providing that web service and which processes inputs and then generates outputs based on the logic of the web service computer program. The World Wide Web Consortium (W3C), which is the main international standards organization for the World Wide Web, defines a “web service” as:

[...] a software system designed to support interoperable machine-to-machine interaction over a network. It has an interface described in a machine-processable format (specifically WSDL). Other systems interact with the Web service in a manner prescribed by its description using SOAP messages, typically conveyed using HTTP with an XML serialization in conjunction with other Web-related standards.[1]

Web services are described, for example, as part of the XML standard for web services use Extensible Markup Language which may be made by calls using the Web Services Description Language (WSDL). The Web Services Description Language is an XML-based interface description language that is used for describing the functionality offered by a web service. A WSDL document is simply a **set of definitions**. (see [http://www.w3.org/TR/wsdl#\\_service](http://www.w3.org/TR/wsdl#_service) and [http://en.wikipedia.org/wiki/Web\\_Services\\_Description\\_Language](http://en.wikipedia.org/wiki/Web_Services_Description_Language)) that provides a machine-readable description **of how the service can be called, what parameters it expects, and what data structures it returns**.

Examples of information contained in the WSDL include:

- **types**, which provides data type definitions used to describe the messages exchanged.
- **message**, which represents an abstract definition of the data being transmitted. A message consists of logical parts, each of which is associated with a definition within some type system.
- **portType**, which is a set of abstract operations. Each operation refers to an input message and output messages.
- **binding**, which specifies concrete protocol and data format specifications for the operations and messages defined by a particular portType.
- **port**, which specifies an address for a binding, thus defining a single communication endpoint.
- **service**, which is used to aggregate a set of related ports.

Examples of web service request calls are:

```
<xs:attribute name="name" type="xs:string" use="required"/>
<xs:element name="body" type="xs:anyType" minOccurs="0"/>
<xs:attribute name="method" type="xs:string" use="required"/>
<xs:attribute name="uri" type="xs:anyURI" use="required"/>
```

And examples of web service response calls are:

```
<xs:attribute name="name" use="required"/>
<xs:element name="body" type="xs:anyType" minOccurs="0"/>
<xs:attribute name="status-code" type="xs:SimpleType" use="required"/>
<xs:attribute name="response-phrase" use="required"/>
```

Importantly, **a web service** call is not merely the location of data, such as a persistent address, but **includes parameters** that define both the name(s) (*i.e.* symbolic name(s)), data input(s) and their format types required for the execution of the web service. and what data structure(s) (*i.e.* symbolic names, data outputs and their format types) are generated and returned by the web service. ***The Application described in the present application includes the symbolic name associated with the inputs and/or outputs of the web component associated with the defined UI object and its data format type.*** Examples of the associated symbolic names include those provided in the previous paragraph.

While the present invention includes a database of the web service parameters, there is no requirement that any of the parameters for calling a web service are registered at any central location.

*The Application of the present invention thus includes a database of the symbolic names associated with the inputs and/or outputs of the web component associated with the defined UI object.* Importantly, the Application includes these symbolic names, as parameters, which are different that the address, persistent or not, of the location of the web service.

**McCain** is concerned with automatically creating network software applications by visiting an existing web-site a network and adding new electronic content and new functionality using preexisting “solutions” available from a “solutions database.”

**Paddon** teaches device-dependent codes (UI engines 100, 101, or 102) that execute on a device (corresponding devices 111, 112, or 113) and a server system 130 which interprets device-dependent codes (a “rule set”). As discussed in paragraph [0014],

the UI Engine may display a UI component as requested by the application on the device by providing a request to a server system for combining a rule set for a given mobile communication device, application and screen with content obtained from a third party content provider via an adapter. The adapter allows conversion of the native format of the content on the content provider's system to a format suitable for combination with a rule set in order to form a UI component for transmittal to a mobile communication device. The rule set determines what events and data are sent back and when the events and data are sent to the rule interface component when a particular interface element for example a button is asserted by a user.

**Sidman** is directed to the solving the problem of finding information over a network. The source of this problem is that the common way that information is identified over the Internet, using a Universal Resource Locator (URL), does not specify the actual address of the information. Thus, for example, the following URL, when provided to a browser, returns a list of USPTO Examiners whose last name is Smith:

```
http://portal.uspto.gov/EmployeeSearch/searchEm.do;jsessionId=7EE  
7057525C799926BA733244B9CA791.prod_portaljboss3_jvm1?action=displ  
ayResultPageByName
```

*This URL, while unique, does not unambiguously specify the specific computer on which the information resides.* Some method is required to resolve addresses by assigning the URL with the actual network address of the data.

**Sidman** thus teaches the use of a Handle System, such as a Digital Object Identifier (DOI), to resolve network address. The current location of the resource is associated with the resource's Handle in a directory made available by the Handle System, which in turn directs the user to the resource's current location. When a DOI is distributed to users in lieu of a URL, an automated process is triggered that looks up the resource's current location. The DOI is a "persistent address" in that it points to the information on the network, regardless of the address actual network address.

More specifically, a DOI is a character string used to uniquely identify the location of an object such as an electronic document. Referring to an online document by its DOI provides more stable linking than simply referring to it by its URL, because if its URL changes, the publisher need only update the metadata for the DOI to link to the new

URL. (see [http://en.wikipedia.org/wiki/Digital\\_object\\_identifier](http://en.wikipedia.org/wiki/Digital_object_identifier), and the DOI® Handbook at <http://www.doi.org/hb.html>).

Metadata about the object may also be stored in association with the DOI name. Metadata is specific data based on a structured data model that enables the referent of the DOI name to be associated with data of any desired degree of precision and granularity to support identification, description and services. Thus, for example, the metadata can identify creative works (such as texts, images, audio or video items, and software) in both electronic and physical forms. The metadata names can refer to objects at varying levels of detail: thus DOI names can identify a journal, an individual issue of a journal, an individual article in the journal, or a single table in that article.

All of the data that is associated with a DOI name is stored in the DOI system in type/value pairs, each with its own unique ID. (see [http://www.doi.org/doi\\_handbook/5\\_Applications.html](http://www.doi.org/doi_handbook/5_Applications.html))

While the invention of *Sidman* may be used to resolve the address of a web service, *Sidman* is only concerned with providing persistent addresses and metadata, and does not address the specifics of interacting with web services. Thus, for example, *Sidman* has no discussion of what to do with symbolic names associated web component inputs and/or outputs, as those terms are discussed above.

Claims 1-3, 5-7, and 10-14, 16-18, and 21-22

Claims 2-3, 5-7, and 10-11 depend on independent Claim 1, and Claims 13-14, 16-18, and 21-22 depend on independent Claim 12. Independent Claims 1 and 12 each recite: “a database including a registry of one or more web components related to inputs and/or outputs of a web service obtainable over a network, where each web component includes the symbolic names of inputs and/or outputs associated with each web service.” The Office Action states that *McCain* fails to teach the database, that the database is taught by *Sidman*, and that it would have been obvious to combine these, along with *Paddon*, to obtain the claimed invention. Applicant respectfully disagrees.

Applicant disagrees for the following reasons. First, the Office Action states that *Sidman* teaches

a database including a registry of one or more web components related to inputs and/or outputs of a web service, where each web component includes the symbolic names of inputs and/or outputs associated with each web services; included in said registry, select a symbolic name from said web component corresponding to the defined UI object, associate said object with said the selected symbolic name with the defined UI object, including the selected symbolic name of the defined UI object and symbolic name associated with the inputs and/or outputs of the web component, produce associated with the defined UI object.

Applicant disagrees with this assertion. As discussed above, *Sidman* teaches a system for providing persistent address for finding data on the Internet by maintaining a directory, for example, of URL or metadata of information on the Internet. There is no teaching or suggestion in *Sidman*, or any of the other cited references, of providing a registry of web components related to inputs and/or outputs of a web service, as claimed. *Sidman* does not discuss a “web service,” or “web component,” and does not make reference to any of the symbolic names associated with an input or output of a web service (such as **types, message, portType, binding, port, or service**), and further does not mention WDSL, SOAP, or any of the other techniques commonly used to communicate with a web service. For at least this reason, the claimed registry is neither taught nor suggested by the cited art, and a *prima facie* case of obviousness has not been made.

Second, even if the references were combined, the result would not result in a working invention, as claimed. As discussed above, *Sidman* teaches a directory of persistent addresses (pointers) for information on the Internet. The symbolic names, however, of inputs and/or outputs associated with web services **are merely parameters**, and are not pointers to information. Thus *McCain* would not be able use information from the directory of *Sidman*, since calls to web services require parameters, and not pointers.

Thirds, there is no suggestion within the references to modify any of the references to obtain the claimed invention. Specifically, *McCain*'s calls to a web service require symbolic names of inputs and/or outputs associated with a web service. The required information is parameters that are passed to the web service, and are not pointers



to data in the web service. It would make no sense to utilize *Sidman* for the symbolic names, since they are not ambiguous and no persistent address is required for them.

For any of these reasons, a *prima facie* case of obviousness cannot be made against the claims, and Applicants respectfully request that the rejection under 35 U.S.C. 103(a) be withdrawn of Claims 1 and 12, as well as those of Claims 2-3, 5-7, and 10-11 which depend on independent Claim 1, and Claims 13-14, 16-18, and 21-22 which depend on independent Claim 12.

#### Claims 23-28

Claims 24-28 depend on independent Claim 23, which recites: “the symbolic names of inputs and/or outputs associated with the web service. “The Office Action relies on *Sidman* for supposedly teaching the symbolic names of inputs and/or outputs associated with web services.

The cited references and present invention are discussed above.

Applicant disagrees with the rejection for the following reasons. First, as discussed above, *Sidman* does not teach or suggest “the symbolic names of inputs and/or outputs associated with the web service.”

Second, even if the references were combined, the result would not result in a working invention, as claimed. As discussed above, *Sidman* teaches a directory of persistent addresses (pointers) for information on the Internet. The symbolic names, however, of inputs and/or outputs associated with web services **are merely parameters**, and are not pointers to information. Thus neither *Paddon* nor *McCain* would be able use information from the directory of *Sidman*, since calls to web services require parameters, and not pointers.

Third, there is no suggestion within the references to modify any of the references to obtain the claimed invention. Specifically, *Paddon's* and *McCain's* calls to a web service require symbolic names of inputs and/or outputs associated with a web service. The required information is parameters that are passed to the web service, and are not pointers to data in the web service. It would make no sense to utilize *Sidman* for the symbolic names, since they are not ambiguous and no persistent address is required for them.

For any of these reasons, a *prima facie* case of obviousness cannot be made against the claims, and Applicants respectfully request that the rejection under 35 U.S.C. 103(a) be withdrawn of Claims 23, as well as those of Claims 24-28 which depend on independent Claim 23.

**In paragraph 4 of the Office Action**, Claims 4, 8-9, 15, and 19-20 were rejected under 35 U.S.C. 103(a) as being unpatentable over *McCain, Sidman*, and *Paddon*, as applied to above claim 1, further in view of *Delpuch*.

*Delpuch* teaches a system to enable authoring of content within an interactive television environment. The other cited references and the present invention are discussed above.

Claims 4 and 8-9 depend on Claim 1, Claims 15 and 19-20 depend on Claim 12.

*Delpuch* does not remedy the deficiencies in the other cited references, and for any of the reasons presented above, a *prima facie* case of obviousness cannot be made against the claims. Applicants respectfully request that the rejection under 35 U.S.C. 103(a) be withdrawn of Claims 4 and 8-9, which depend on independent Claim 1, and Claims 15 and 19-20 which depend on independent Claim 12.

Applicants respectfully submit that the application is in condition for allowance and action to that end is respectfully solicited. If the Examiner should feel that a telephone interview would be productive in resolving any issues in the case, please telephone the undersigned at the number listed below.

Respectfully submitted,

May 30, 2013

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Registration No. 45,186

Electronic Acknowledgement Receipt	
EFS ID:	15912215
Application Number:	12936395
International Application Number:	
Confirmation Number:	2369
Title of Invention:	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Steven H. Rempell
Customer Number:	40280
Filer:	Steven R Vosen/Christine Chan
Filer Authorized By:	Steven R Vosen
Attorney Docket Number:	XPR.002US0
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Filing Date:	03-NOV-2010
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Application Type:	U.S. National Stage under 35 USC 371

### Payment information:

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<b>File Listing:</b>					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	XPR002US0_Transmittal_Form.pdf	294466 6f67853b78574c12ed366b73954654f07c50f1bb	no	2
<b>Warnings:</b>					
<b>Information:</b>					

2		XPR002_Resp_OA_2013_04_01 _As_Filed.pdf	191427 14714d9ff52fd072db70361943b7a74a29c036e	yes	11
	<b>Multipart Description/PDF files in .zip description</b>				
	<b>Document Description</b>		<b>Start</b>	<b>End</b>	
	Amendment After Final		1	1	
	Applicant Arguments/Remarks Made in an Amendment		2	11	
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			485893		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>  If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>  If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>  If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	12/936,395
	Filing Date	November 3, 2010
	First Named Inventor	Steven H. Rempell
	Art Unit	2178
	Examiner Name	Xuyang Xia
Total Number of Pages in This Submission	Attorney Docket Number	XPR.002US0

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<b>Remarks</b> This Response is in reply to the Final Office Action that was mailed on April 1, 2013		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name		
Signature	/Steven R. Vosen/	
Printed name	Steven R. Vosen	
Date	May 30, 2013	Reg. No. 45,186

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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## Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/936,395	11/03/2010	Steven H. Rempell	XPR.002US0	2369
40280	7590	06/20/2013		
STEVEN VOSEN 1563 SOLANO AVENUE #206 BERKELEY, CA 94707			EXAMINER XIA, XUYANG	
			ART UNIT 2178	PAPER NUMBER
			MAIL DATE 06/20/2013	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Advisory Action</b> <b>Before the Filing of an Appeal Brief</b>	<b>Application No.</b> 12/936,395	<b>Applicant(s)</b> REMPELL ET AL.
	<b>Examiner</b> XUYANG XIA	<b>Art Unit</b> 2178

**--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

THE REPLY FILED 30 May 2013 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.  
NO NOTICE OF APPEAL FILED

1. ☒ The reply was filed after a final rejection. No Notice of Appeal has been filed. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance;  
 (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114 if this is a utility or plant application. Note that RCEs are not permitted in design applications. The reply must be filed within one of the following time periods:

a) ☐ The period for reply expires \_\_\_\_\_ months from the mailing date of the final rejection.

b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action; or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

c) ☐ A prior Advisory Action was mailed more than 3 months after the mailing date of the final rejection in response to a first after-final reply filed within 2 months of the mailing date of the final rejection. The current period for reply expires \_\_\_\_\_ months from the mailing date of the prior *Advisory Action* or SIX MONTHS from the mailing date of the final rejection, whichever is earlier.

*Examiner Note:* If box 1 is checked, check either box (a), (b) or (c). ONLY CHECK BOX (b) WHEN THIS ADVISORY ACTION IS THE FIRST RESPONSE TO APPLICANT'S FIRST AFTER-FINAL REPLY WHICH WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. ONLY CHECK BOX (c) IN THE LIMITED SITUATION SET FORTH UNDER BOX (c). See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) or (c) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on \_\_\_\_\_. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☐ The proposed amendments filed after a final rejection, but prior to the date of filing a brief, will not be entered because

a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);

b) ☐ They raise the issue of new matter (see NOTE below);

c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or

d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: \_\_\_\_\_. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).

5. ☐ Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.

6. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

7. ☐ For purposes of appeal, the proposed amendment(s): (a) ☐ will not be entered, or (b) ☐ will be entered, and an explanation of how the new or amended claims would be rejected is provided below or appended.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).

9. ☐ The affidavit or other evidence filed after the date of filing the Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).

10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:  
See Continuation Sheet.

12. ☐ Note the attached Information *Disclosure Statement(s)*. (PTO/SB/08) Paper No(s). \_\_\_\_\_

13. ☐ Other: \_\_\_\_\_

STATUS OF CLAIMS

14. The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: \_\_\_\_\_

Claim(s) objected to: \_\_\_\_\_

Claim(s) rejected: 1-28.

Claim(s) withdrawn from consideration: \_\_\_\_\_

/Stephen S. Hong/ Supervisory Patent Examiner, Art Unit 2178	/XUYANG XIA/ Examiner, Art Unit 2178
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Continuation of 11. does NOT place the application in condition for allowance because:

Applicant's arguments filed on 5/30/2013 have been fully considered but they are not persuasive.

The applicant argues that the previous office action should not have been made final based upon claims 1-11 being newly rejected under 35 USC 101 (page 2). However, the Final Office Action mailed 1 April 2013 does not include a rejection under 35 USC 101. Instead, claims 1-11 are objected to as potentially falling outside the scope of 35 USC 101 (Office Action: page 2). The examiner provided the object as a means for bringing the potential issue to the applicant's attention. The examiner agrees with the applicant that a rejection under 35 USC 101 would have necessitated a second non-final rejection. However, as the claims are merely object to, the finality of the rejection is proper.

With respect to 35 USC 101 objection, the applicant argues "Claim 1 recites ample structure elements to be considered as falling within a statutory class." The applicant respectfully disagree. The broadest reasonable interpretation of Claim 1 means it includes an entirely software implementation. The claim can be amended to include hardware components for example: a system, comprising: a hardware memory, central processing unit (CPU), or processor, etc. to overcome the 101 objection.

With respect to claim 1, the applicant argues "There is no teaching or suggestion in Sidman, or any of the other cited references, of providing a registry of web components related to inputs and/or outputs of a web service, as claimed. Sidman does not discuss a "web service," or "web component," and does not make reference to any of the symbolic names associated with an input or output of a web service (such as types, message, portType, binding, port, or service), and further does not mention WDSL, SOAP, or any of the other techniques commonly used to communicate with a web service." Paragraph of [0020], [0024], [0025] disclose a registry of web components related to inputs and/or output of a web service. Paragraph [0104]-[0110] disclose the symbolic names associated with an input or output of a web service. The applicant's argument is not persuasive. The examiner would like to suggest the applicant to amend the claim to make it more specific therefore to distinguish between the claimed invention with the prior art.

The applicant secondly argues "Sidman teaches a directory of persistent addresses (pointers) for information on the Internet. The symbolic names, however, of inputs and/or outputs associated with web services are merely parameters, and are not pointers to information." The pointers are parameters also. Therefore, the applicant's argument is not persuasive. The examiner would like to suggest the applicant to amend the claim to make it more specific therefore to distinguish between the claimed invention with the prior art.

The applicant third argues "there is no suggestion within the references to modify any of the references to obtain the claimed invention. Specifically, McCain's calls to a web service require symbolic names of inputs and/or outputs associated with a web service. The required information is parameters that are passed to the web service, and are not pointers to data in the web service." The pointers are parameters also. Therefore, the applicant's argument is not persuasive. The examiner would like to suggest the applicant to amend the claim to make it more specific therefore to distinguish between the claimed invention with the prior art.

Please enter.

12936395 - GAU: 2178

/Xuyang Xia/

06/04/2013

**UNITED STATES PATENT AND TRADEMARK OFFICE**

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Applicant(s): Rempell et al.

Application No.: 12/936,395

Filed: November 3, 2010

Title: SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON  
MOBILE DEVICES

Group Art Unit: 2178

Examiner: Xuyang Xia

Docket No.: XPR.002US0

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**REPLY "B" UNDER 37 C.F.R. §1.116(e)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

The following remarks are made in response to, and within 2 months, of the Final Office Action mailed April 1, 2013. Reexamination and reconsideration of the application in light of the following Remarks are respectfully requested, where:

**Remarks/Arguments** begin on page 2 of this paper.

**UNITED STATES PATENT AND TRADEMARK OFFICE**

---

Applicant(s): Rempell et al.

Application No.: 12/936,395

Filed: November 3, 2010

Title: SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON  
MOBILE DEVICES

Group Art Unit: 2178

Examiner: Xuyang Xia

Docket No.: XPR.002US0

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**RESPONSE TO OFFICE ACTION AFTER FINAL UNDER 37 CFR 1.116, AND  
REQUEST FOR CONTINUED EXAMINATION (RCE) UNDER 37 CFR 1.114**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

The following remarks are made in response to the Final Office Action mailed April 1, 2013. Also included is a Request for Continued Examination (RCE) under 37 CFR 1.114, and associated fee, and a Petition for Extension of Time and the requisite fee for filing a response within the third month are enclosed. This Reexamination and reconsideration of the application in light of the following Remarks are respectfully requested, where:

**Amendments to the Claims** are reflected in the **Listing of Claims** which begins on the following page of this paper; and

**Remarks/Arguments** begin on the page following the Amendments to the Claims.

**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of the claims in the application:

**Listing of Claims:**

Claim 1 (Currently Amended): A system for generating code to provide content on a display of a device, said system comprising:

computer memory storing a database including a registry of:

a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a network, where each web component includes the symbolic names of inputs and/or outputs associated with each web service; the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and

b) the address of the web service;

an authoring tool configured to:

define a user interface (UI) object for presentation on the display, where said UI object corresponds to ~~a~~the web component included in said registry selected from the group consisting of an input of the web service and an output of the web service included in said registry,

access said computer memory to select a the symbolic name from said web component corresponding to the web component of the defined UI object,

associate the selected symbolic name with the defined UI object,

produce an Application including the selected symbolic name of ~~the defined UI object and symbolic name associated with the inputs and/or outputs of the web component associated with~~ the defined UI object, where said Application is a device-independent code, and

produce a Player, where said Player is a device-dependent code;

such that, when the Application and Player are provided to the device; and ~~when the Player is executed on the device, said Player interprets said Application to provide the web component~~ and when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object,

1) the device provides the user provided one or more input values and corresponding input symbolic name to the selected UI object and dynamically received values of web service,

2) the web component on the service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name,

3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device- to present an output value in the defined UI object.

Claim 2 (Original): The system of claim 1, where said database includes definitions of input and/or output related to said web service.

Claim 3 (Previously Presented): The system of claim 1, where said web component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed.

Claim 4 (Previously Presented): The system of claim 1, where said UI object is an input field for a chat.

Claim 5 (Previously Presented): The system of claim 1, where said UI object is an input field for a web service.

Claim 6 (Previously Presented): The system of claim 1, where said UI object is an input field usable to obtain said web component, where said input field includes a text field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button.

Claim 7 (Previously Presented): The system of claim 1, where said web component is an output of a web service, is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.

Claim 8 (Previously Presented): The system of claim 1, where said authoring tool is

further configured to:

define a phone field or list; and  
generate code that, when executed on the device, allows a user to supply a  
phone number to said phone field or list.

Claim 9 (Previously Presented): The system of claim 1, where said authoring tool is  
further configured to:

define a SMS field or list; and  
generate code that, when executed on the device, allows a user to supply  
an SMS address to said SMS field or list.

Claim 10 (Previously Presented): The system of Claim 1,  
where said code includes three or more codes, where one of said three or more  
codes is device specific, and where two of said three or more codes is device  
independent.

Claim 11 (Original): The system of claim 1, where said code is provided over said  
network.

Claim 12 (Previously Presented): A method for displaying content on a device  
utilizing a database including a registry of one or more web components related to inputs  
and/or outputs of a web service obtainable over a network, where each web component  
includes the symbolic names of inputs and/or outputs associated with each web service,  
and where the registry includes: a) symbolic names required for evoking one or more web  
components each related to a set of inputs and/or outputs of a web service obtainable over  
a network, where the symbolic names are character strings that do not contain either a  
persistent address or pointer to an output value accessible to the web service, and  
b) the address of the web service, said method comprising:

defining a user interface (UI) object for presentation on the display, where  
said UI object corresponds to ~~a~~the web component included in said registry  
selected from the group consisting of an input of the web service and an output  
of the web service included in said registry;

selecting a symbolic name from said web component corresponding to the  
defined UI object;

associating the selected symbolic name with the defined UI object;

producing an Application including the selected symbolic name of the defined UI object ~~and symbolic name associated with the inputs and/or outputs of the web component associated with the defined UI object~~, where said Application is a device-dependent code; and

producing a Player, where said Player is a device-dependent code;

such that, when the Application and Player are provided to the device; and ~~when the Player is executed on the device, said Player interprets said Application to provide the web component and~~ when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object,

1) the device provides the user provided one or more input values and corresponding input symbolic name to the selected UI object and dynamically received values of web service,

2) the web component on the service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name,

3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device to present an output value in the defined UI object.

Claim 13 (Original): The method of claim 12, where said database includes definitions of input and/or output related to said web service.

Claim 14 (Previously Presented): The method of claim 12, where said web component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed.

Claim 15 (Previously Presented): The method of claim 12, where said UI object is an input field for a chat.

Claim 16 (Previously Presented): The method of claim 12, where said UI object is an input field for a web service.

Claim 17 (Previously Presented): The method of claim 12, where said UI object is an input field usable to obtain said web component, where said input field includes a text field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button.

Claim 18 (Previously Presented): The method of claim 12, where said web component is an output of a web service, is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.

Claim 19 (Previously Presented): The method of claim 12, further comprising:  
defining a phone field or list; and  
generating code that, when executed on the device, allows a user to supply a phone number to said phone field or list.

Claim 20 (Previously Presented): The method of claim 12, further comprising:  
defining a SMS field or list; and  
generating code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list.

Claim 21 (Previously Presented): The method of Claim 12, and such that said Player interprets dynamically received, device-independent values of the web component defined in the Application.

Claim 22 (Previously Presented): The method of claim 12, further comprising:  
providing said Application and Player over said network.

Claim 23 (Currently Amended): A method for providing information from a web component of a web service to a device on a network, said method comprising:

accepting a first code over the network, where said first code is device-dependent;

accepting a second code over the network, where said second code is device-independent and includes the symbolic names of inputs and/or outputs associated with the web service; and executing said first code on the device, where the symbolic names are provided from a database including a registry of one or more web components related to inputs and/or outputs of a web service obtainable over a network, where the web service requires both an input symbolic name and one or more associated input values and returns one or more output values having an associated output symbolic name, and where the registry includes: a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a



network, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and b) the address of the web service;

where said executing includes:

processing said symbolic names of the second code,  
transmitting processed instructions to the web service, and  
accepting a third code over the network, where said third code is a device-independent third code including the output of the web component provided by the web service over the network and in response to the second code.

Claim 24 (Previously Presented): The method of claim 23, where said third code is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed.

Claim 25 (Previously Presented): The method of claim 23, where said third code is an output of a web service, is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.

Claim 26 (Original): The method of claim 23, where said first code and said second code are generated using an authoring tool.

Claim 27 (Original): The method of claim 23, where said first code is a Player.

Claim 28 (Previously Presented): The method of claim 23, where said second code is an Application which includes one or more web components.

### **REMARKS**

This Reply is submitted in response to the Final Office Action mailed April 1, 2013 and the Advisory Action Mailed June 20, 2013, wherein Claims 1-11 were objected to under 35 U.S.C. 101 as not falling within a statutory class, Claims 1-3, 5-7, 10-14, 16-18, and 21-28 were rejected under 35 U.S.C. 103(a) as being unpatentable over US Patent Application Publication No. 2005/0273705 to McCain ("**McCain**") in view of US Patent Application Publication No. 2004/0163020 to Sidman ("**Sidman**") and US Patent Application Publication No. 2006/0063518 to Paddon et al. ("**Paddon**"), and Claims 4, 8-9, 15, and 19-20 were rejected under 35 U.S.C. 103(a) as being unpatentable over **McCain**, **Sidman**, and **Paddon** in further view of US Patent Application Publication No. 2004/0055017 to Delpuch et al. ("**Delpuch**").

In this Amendment, Independent Claims 1, 12, and 23 are amended. **Claims 1-28 are thus pending in the application.**

### **REQUEST FOR CONTINUED EXAMINATION**

This paper is being filed along with a Request for Continued Examination. For the reasons set forth below, Applicants respectfully submit that, as amended, all remaining claims in this application are patentably distinct over the prior art of record. Reconsideration and allowance of all pending claims in the application are respectfully solicited.

### **ADVISORY ACTION**

Applicant filed a response to the Final Office Action on 5/30/2013, and the Examiner replied with an Advisory Action 6/20/2013 that concluded that the response was not persuasive.

While the Applicant does not agree with the Examiner's conclusion, he wishes to thank the Examiner for taking the time to consider his arguments.

### **CLAIM AMENDMENTS**

Claim 1 has been amended to recite that the database is stored in computer memory and that the authoring tool is configured to access the computer memory. Support for this amendment is found, for example in Paragraph [0064].

Claims 1, 12 and 23 are amended to recite the use of a database including:

a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a network, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and

b) the address of the web service.

Claims 1 and 12 are amended further to recite that the authoring tool is configured to:

- \* define a user interface (UI) object for presentation on the display, where said UI object corresponds to the web component included in said registry selected from the group consisting of an input of the web service and an output of the web service; and

- \* that, when the Application and Player are provided to the device and executed on the device, and when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object,

- 1) the device provides the user provided one or more input values and corresponding input symbolic name to the web service,

- 2) the web service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name,

- 3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device to present an output value in the defined UI object.

Support for these amendments are found, for example in Paragraph [0068]-[0070], and in FIGS. 2A and 2B and the corresponding discussion. No new matter has been added by these amendments.

### **OBJECTION TO THE CLAIMS**

#### **Objection under 35 U.S.C. §101**

**In Paragraph 1 of the Office Action**, Claims 1-11 were objected to under 35 U.S.C. 101 as not falling within a statutory class, specifically for being directed to a system that does not have any physical structural elements.

Claims 2-11 depend on Claim 1, which has, as suggested in the Advisory Action, been amended to recite that the database is stored in computer memory and that the authoring tool is configured to access the computer memory.

Applicant's respectfully submit that amended Claim 1 recites ample structural elements to be considered as falling within a statutory class, and request the objection under 35 U.S.C. 101 of Claim 1, and Claims 2-11 which depend on Claim 1, be withdrawn.

### **REJECTION TO THE CLAIMS**

#### **Rejection under 35 U.S.C. §103**

In paragraphs 3 and 4 of the Office Action, Claims 1-28 were rejected under 35 U.S.C. 103(a) under combinations of *McCain*, *Sidman*, *Paddon*, and *Delpuch*. The claims have been amended. The following describes the present invention and prior art, followed by reasons why the Claims are believed to be patentable.

**The Present Application** addresses displaying information on a device, such as a mobile device, over a network. One embodiment is an authoring tool that generates files which together provide content over a network. The files include a **Player** (sometimes referred to herein as a "first code") specific to each device and an **Application** (sometimes referred to herein as a "second code") that is device-independent. The Player is activated by a web browser or other software or through a signal to device by a special telephone numbers, such as a short code. (see, for example, Paragraph [0049]).

More specifically, the present application teaches an Application and Player used for obtaining information from a "web service" which, it is well known, is a method of communication between two electronic devices over the World Wide Web. Web services are typically a proprietary computer program run by the company providing that web

service and which processes inputs and then generates outputs based on the logic of the web service computer program.

Web services are described, for example, as part of the XML standard for web services use Extensible Markup Language which may be made by calls using the Web Services Description Language (WSDL). The Web Services Description Language is an XML-based interface description language that is used for describing the functionality offered by a web service. A WSDL document is simply a **set of definitions**. (see [http://www.w3.org/TR/wsdl#\\_service](http://www.w3.org/TR/wsdl#_service) and [http://en.wikipedia.org/wiki/Web\\_Services\\_Description\\_Language](http://en.wikipedia.org/wiki/Web_Services_Description_Language)) that provides a machine-readable description **of how the service can be called, what parameters it expects, and what data structures it returns**.

Examples of information contained in the WSDL include:

- **types**, which provides data type definitions used to describe the messages exchanged.
- **message**, which represents an abstract definition of the data being transmitted. A message consists of logical parts, each of which is associated with a definition within some type system.
- **portType**, which is a set of abstract operations. Each operation refers to an input message and output messages.
- **binding**, which specifies concrete protocol and data format specifications for the operations and messages defined by a particular portType.
- **port**, which specifies an address for a binding, thus defining a single communication endpoint.
- **service**, which is used to aggregate a set of related ports.

Examples of web service request calls are:

```
<xs:attribute name="name" type="xs:string" use="required"/>
<xs:element name="body" type="xs:anyType" minOccurs="0"/>
<xs:attribute name="method" type="xs:string" use="required"/>
<xs:attribute name="uri" type="xs:anyURI" use="required"/>
```

And examples of web service response calls are:

```
<xs:attribute name="name" use="required"/>
<xs:element name="body" type="xs:anyType" minOccurs="0"/>
<xs:attribute name="status-code" type="xs:SimpleType" use="required"/>
<xs:attribute name="response-phrase" use="required"/>
```

It is thus seen that calls to web services include providing **parameters**, *which are not persistent addresses or pointers*. In the present application, such parameters are stored separately in a registry separate from any addresses or pointers to the information.

Specifically, a registry is provided of parameters and the registry does not include any persistent pointers or addresses to the information of the web service. In addition, while the present invention includes a database of the web service parameters, there is no requirement that any of the parameters for calling a web service are registered at any central location.

**McCain** is concerned with automatically creating network software applications by visiting an existing web-site a network and adding new electronic content and new functionality using preexisting “solutions” available from a “solutions database.”

**Delpuch** teaches a system to enable authoring of content within an interactive television environment.

**Paddon** teaches device-dependent codes (UI engines 100, 101, or 102) that execute on a device (corresponding devices 111, 112, or 113) and a server system 130 which interprets device-dependent codes (a “rule set”). As discussed in paragraph [0014], the UI Engine may display a UI component as requested by the application on the device by *providing a request to a server system for combining a rule set for a given mobile communication device, application and screen with content obtained from a third party content provider via an adapter*. The adapter allows conversion of the native format of the content on the content provider's system to a format suitable for combination with a rule set in order to form a UI component for transmittal to a mobile communication device. The rule set determines what events and data are sent back and when the events and data are sent to the rule interface component when a particular interface element for example a button is asserted by a user.

**Sidman** is directed to the solving the problem of finding information over a network. The source of this problem is that the common way that information is identified over the Internet, using a Universal Resource Locator (URL), does not specify the actual address of the information.

***Sidman*** teaches the use of persistent identifies to access information over the network. Thus, for example, ***Sidman*** teaches a Handle System assigns a Digital Object Identifier (DOI) that “serves and shall be regarded henceforth as a name for the resource that is persistent regardless of changes in the resource's location or other attributes.” (paragraph [0020]). Further, that the “DOI is a permanent and persistent identifier given

to a piece of information made available on a communications network and registered in an electronic form, so that even if the location (i.e., URL), format, ownership, etc. of the content or associated data changes, users will be able to access the associated data. (Paragraph [0108]).

The current location of the network resource is associated with the resource's Handle in a directory made available by the Handle System, which in turn directs the user to the resource's current location. When a DOI is distributed to users in lieu of a URL, an automated process is triggered that looks up the resource's current location. The DOI is a "persistent address" in that it points to the information on the network, regardless of the address actual network address.

*Sidman* continues to teach that "[t]he DOI is a string of characters followed by a separator further followed by a string of characters. (Paragraph [0105]), and that "at the time of registration, registrants or the registration agency may further register a number of type-value pairs to be associated with the DOI they are registering."

Importantly, *Sidman* teaches a registry that contains **both** persistent identifiers **and** parameters for accessing information. Thus, for example, Sidman states:

The invention is "[a]n apparatus, method and system to register and provide a persistent identifier of information that may be located in multiple locations, formats, and accessible in variable fashions based on the context of use. ... The present disclosure further teaches an enhanced digital object identifier, an enhanced Handle system, and enhanced directory registry that facilitate the access, association, and instantiation of information over a communications network. (Abstract)

And: "... A distributed database registry maintains the associated pairs of names and IP addresses and serves to resolve associated names into corresponding IP addresses. (Paragraph [0098]),

And further

All DOIs are to be registered with a global DOI registry. Registrants are responsible for the maintenance of state data and metadata relating to DO Is that they have registered. The syntax of the DOI follows a standardized syntax. In use, the DOI will be an opaque string (dumb number). DOI registration agencies will manage the assignment of DO Is, their registration and the declaration of the metadata associated with them. (Paragraph [0112])

**In summary**, *Sidman* teaches a registry that includes persistent identifies (such as a DOI) and may also include type-value pairs. *Sidman* teaches that all network calls require a persistent identifier, and that any other character strings (such as the type-value pairs) are optional.

**In paragraph 3 of the Office Action**, Claims 1-3, 5-7, 10-14, 16-18, and 21-28 were rejected under 35 U.S.C. 103(a) as being unpatentable over *McCain* in view of *Sidman* and *Paddon*. Claims 2-3, 5-7, and 10-11 depend on independent Claim 1, Claims 13-14, 16-18, and 21-22 depend on independent Claim 12, and Claims 24-28 depend on independent Claim 23. Independent Claims 1, 12, and 23 are currently amended. Applicant submits that Claims 1-3, 5-7, 10-14, 16-18, and 21-28 are patentable for at least following reasons, and requests that the rejection of these claims under 35 U.S.C. 103(a) be withdrawn.

The Office Action states that *McCain* fails to teach the database, that the database is taught by *Sidman*, and that it would have been obvious to combine these, along with *Paddon*, to obtain the claimed invention. The Advisory Action reiterates the position that that *Sidman*, at Paragraphs [0020], [0024], [0025] discloses a registry of web components related to inputs and/or output of a web service; and that Paragraphs [0104]-[0110], disclose the symbolic names associated with an input or output of a web service.

Independent Claims 1, 12, and 23 are each amended to recite  
a database including a registry of:  
a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a network, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and  
b) the address of the web service

In other words, the claims are amended to recite that the database stores the address of the web service, and *a registry of symbolic names that are a character string that does not contain either a either persistent address or pointer to an output value accessible to the web service*.

As discussed above, the present invention describes storing and providing



*symbolic names that are not persistent addresses or pointers*, separately from any addresses or pointers.

Specifically, as discussed above, *Sidman* teaches a registry that includes parameters having persistent identifies (such as a DOI). *Sidman* teaches that all network calls require a persistent identifier, and that any other character strings (such as the type-value pairs) are optional.

There is thus no teaching or suggestion in *Sidman*, or in any of the other cited references, of maintaining a registry that does not include persistent information, as claimed.

In addition, Claim 1 is further amended to the use of the registry that contains only by the authoring tool as being configured to:

define a user interface (UI) object for presentation on the display,  
where said UI object corresponds to the web component included in said  
registry selected from the group consisting of an input of the web service  
and an output of the web service,

access said computer memory to select the symbolic name  
corresponding to the web component of the defined UI object,

...

produce an Application including the selected symbolic name of  
the defined UI object, where said Application is a device-independent  
code, and

The Claim further recites the use of the Application and Player with  
respect to values contained from the registry, as follows:

such that, when the Application and Player are provided to the device and  
executed on the device, and when a user of the device provides one or more input  
values associated with an input symbolic name to an input of defined UI object,

1) the device provides the user provided one or more input values and  
corresponding input symbolic name to the web service,

2) the web service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name,

3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device to present an output value in the defined UI object.

These claim amendments further clarify the claimed invention and highlight the use of the registry, as claimed. There is no teaching or suggestion in *Sidman* or any other references of the claimed registry, or its use in the authoring tool, as claimed.

Even if the references were combined, the result would not result in a working invention, as claimed. As discussed above, *Sidman* teaches a directory of persistent addresses (pointers) for information on the Internet. The symbolic names, however, of inputs and/or outputs associated with web services are merely parameters, and are not pointers to information. Thus *McCain* would not be able use information from the directory of *Sidman*, since calls to web services require parameters, and not pointers.

In addition, there is no suggestion within the references to modify any of the references to obtain the claimed invention. Specifically, *McCain*'s calls to a web service require symbolic names of inputs and/or outputs associated with a web service. The required information is parameters that are passed to the web service, and are not pointers to data in the web service. It would make no sense to utilize *Sidman* for the symbolic names, since they are not ambiguous and no persistent address is required for them. There is no teaching or suggestion in any of the references of storing parameters separately from the web service address.

For any of these reasons, a *prima facie* case of obviousness cannot be made against the claims, and Applicants respectfully request that the rejection under 35 U.S.C. 103(a) be withdrawn of Claims 1, 12, and 23, as well as those of Claims 2-3, 5-7, and 10-11 which depend on independent Claim 1, Claims 13-14, 16-18, and 21-22 which depend on independent Claim 12, and Claims 24-28 depend on independent Claim 23.

**In paragraph 4 of the Office Action**, Claims 4, 8-9, 15, and 19-20 were rejected under 35 U.S.C. 103(a) as being unpatentable over *McCain*, *Sidman*, and *Paddon*, as applied to above claim 1, further in view of *Delpuch*.

Claims 4 and 8-9 depend on Claim 1, Claims 15 and 19-20 depend on Claim 12. Independent Claims 1 and 12 are currently amended. Applicant submits that Claims 4, 8-9, 15, and 19-20 are patentable for at least following reasons, and requests that the rejection of these claims under 35 U.S.C. 103(a) be withdrawn.

*Delpuch* does not remedy the deficiencies in the other cited references, and for any of the reasons presented above, a *prima facie* case of obviousness cannot be made against the claims. Applicants respectfully request that the rejection under 35 U.S.C. 103(a) be withdrawn of Claims 4 and 8-9, which depend on independent Claim 1, and Claims 15 and 19-20 which depend on independent Claim 12.

Applicants respectfully submit that the application is in condition for allowance and action to that end is respectfully solicited. If the Examiner should feel that a telephone interview would be productive in resolving any issues in the case, please telephone the undersigned at the number listed below.

Respectfully submitted,

September 26, 2013

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Berkeley, CA 94705  
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/Steven R. Vosen/  
Steven R. Vosen  
Registration No. 45,186

<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	12/936,395
	Filing Date	November 3, 2010
	First Named Inventor	Steven H. Rempell
	Art Unit	2178
	Examiner Name	Xuyang Xia
Total Number of Pages in This Submission	Attorney Docket Number	XPR.002US0

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks This Response is in reply to the Final Office Action that was mailed on April 1, 2013 and Advisory Action mailed on June 20, 2013.		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name		
Signature	/Steven R. Vosen/	
Printed name	Steven R. Vosen	
Date	September 26, 2013	Reg. No. 45,186

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
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Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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## Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

<b>PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)</b>		Docket Number (Optional) <b>XPR.002US0</b>																																		
Application Number <b>12/936,395</b>	Filed <b>November 3, 2010</b>																																			
For <b>SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES</b>																																				
Art Unit <b>2178</b>	Examiner <b>Xuyang Xia</b>																																			
<p>This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above-identified application.</p> <p>The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):</p> <table style="width: 100%; border-collapse: collapse;"><thead><tr><th></th><th style="text-align: center;"><u>Fee</u></th><th style="text-align: center;"><u>Small Entity Fee</u></th><th style="text-align: center;"><u>Micro Entity Fee</u></th><th></th></tr></thead><tbody><tr><td><input type="checkbox"/> One month (37 CFR 1.17(a)(1))</td><td style="text-align: center;">\$200</td><td style="text-align: center;">\$100</td><td style="text-align: center;">\$50</td><td>\$ _____</td></tr><tr><td><input type="checkbox"/> Two months (37 CFR 1.17(a)(2))</td><td style="text-align: center;">\$600</td><td style="text-align: center;">\$300</td><td style="text-align: center;">\$150</td><td>\$ _____</td></tr><tr><td><input checked="" type="checkbox"/> Three months (37 CFR 1.17(a)(3))</td><td style="text-align: center;">\$1,400</td><td style="text-align: center;">\$700</td><td style="text-align: center;">\$350</td><td>\$ <b>700</b></td></tr><tr><td><input type="checkbox"/> Four months (37 CFR 1.17(a)(4))</td><td style="text-align: center;">\$2,200</td><td style="text-align: center;">\$1,100</td><td style="text-align: center;">\$550</td><td>\$ _____</td></tr><tr><td><input type="checkbox"/> Five months (37 CFR 1.17(a)(5))</td><td style="text-align: center;">\$3,000</td><td style="text-align: center;">\$1,500</td><td style="text-align: center;">\$750</td><td>\$ _____</td></tr></tbody></table> <p><input checked="" type="checkbox"/> Applicant asserts small entity status. See 37 CFR 1.27.</p> <p><input type="checkbox"/> Applicant certifies micro entity status. See 37 CFR 1.29. Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously.</p> <p><input type="checkbox"/> A check in the amount of the fee is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The Director has already been authorized to charge fees in this application to a Deposit Account.</p> <p><input type="checkbox"/> The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number _____.</p> <p><input checked="" type="checkbox"/> Payment made via EFS-Web.</p> <p><b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b></p> <p>I am the</p> <p><input type="checkbox"/> applicant.</p> <p><input checked="" type="checkbox"/> attorney or agent of record. Registration number <b>45,186</b></p> <p><input type="checkbox"/> attorney or agent acting under 37 CFR 1.34. Registration number _____</p> <table style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%; padding: 5px;"><b>/Steven R. Vosen/</b> _____ Signature</td><td style="width: 50%; padding: 5px;"><b>September 26, 2013</b> _____ Date</td></tr><tr><td style="padding: 5px;"><b>Steven R. Vosen</b> _____ Typed or printed name</td><td style="padding: 5px;"><b>(510) 841-4711</b> _____ Telephone Number</td></tr></table> <p><b>NOTE:</b> This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.</p>				<u>Fee</u>	<u>Small Entity Fee</u>	<u>Micro Entity Fee</u>		<input type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$200	\$100	\$50	\$ _____	<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$600	\$300	\$150	\$ _____	<input checked="" type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$1,400	\$700	\$350	\$ <b>700</b>	<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$2,200	\$1,100	\$550	\$ _____	<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$3,000	\$1,500	\$750	\$ _____	<b>/Steven R. Vosen/</b> _____ Signature	<b>September 26, 2013</b> _____ Date	<b>Steven R. Vosen</b> _____ Typed or printed name	<b>(510) 841-4711</b> _____ Telephone Number
	<u>Fee</u>	<u>Small Entity Fee</u>	<u>Micro Entity Fee</u>																																	
<input type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$200	\$100	\$50	\$ _____																																
<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$600	\$300	\$150	\$ _____																																
<input checked="" type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$1,400	\$700	\$350	\$ <b>700</b>																																
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$2,200	\$1,100	\$550	\$ _____																																
<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$3,000	\$1,500	\$750	\$ _____																																
<b>/Steven R. Vosen/</b> _____ Signature	<b>September 26, 2013</b> _____ Date																																			
<b>Steven R. Vosen</b> _____ Typed or printed name	<b>(510) 841-4711</b> _____ Telephone Number																																			
<input type="checkbox"/> * Total of _____ forms are submitted.																																				

This collection of information is required by 37 CFR 1.136(a). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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The information provided by you in this form will be subject to the following routine uses:

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7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal				
Application Number:		12936395		
Filing Date:		03-Nov-2010		
Title of Invention:		SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES		
First Named Inventor/Applicant Name:		Steven H. Rempell		
Filer:		Steven R Vosen		
Attorney Docket Number:		XPR.002US0		
Filed as Small Entity				
U.S. National Stage under 35 USC 371 Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 3 months with \$0 paid	2253	1	700	700



Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Miscellaneous:</b>				
Request for Continued Examination	2801	1	600	600
<b>Total in USD (\$)</b>				<b>1300</b>

Electronic Acknowledgement Receipt	
<b>EFS ID:</b>	16964159
<b>Application Number:</b>	12936395
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2369
<b>Title of Invention:</b>	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES
<b>First Named Inventor/Applicant Name:</b>	Steven H. Rempell
<b>Customer Number:</b>	40280
<b>Filer:</b>	Steven R Vosen
<b>Filer Authorized By:</b>	
<b>Attorney Docket Number:</b>	XPR.002US0
<b>Receipt Date:</b>	26-SEP-2013
<b>Filing Date:</b>	03-NOV-2010
<b>Time Stamp:</b>	13:51:50
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$1300
RAM confirmation Number	115
Deposit Account	
Authorized User	

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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1		XPR002_Resp_FOA_2013_04_01_v6.pdf	189811	yes	17
			0c4432c910405a866ed5a97ad19814db31c35fa8		
	Multipart Description/PDF files in .zip description				
	Document Description	Start	End		
	Amendment Submitted/Entered with Filing of CPA/RCE	1	1		
	Claims	2	7		
	Applicant Arguments/Remarks Made in an Amendment	8	17		
Warnings:					
Information:					
2	Transmittal Letter	XPR002US0_Transmittal_Form.pdf	294563	no	2
			eec833cf0b91e47e351641fb91d9d24c4eff24e2		
Warnings:					
Information:					
3	Extension of Time	XPR002US0_Extension_of_Time.pdf	150604	no	2
			e25c2d9aad5b9664e477d836c09659a4d1cf4e2e		
Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	32279	no	2
			7a9d1668fcac19c1bc77da7a3a9a8db84f0ca4		
Warnings:					
Information:					
Total Files Size (in bytes):			667257		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>PATENT APPLICATION FEE DETERMINATION RECORD</b> Substitute for Form PTO-875				Application or Docket Number <b>12/936,395</b>		Filing Date <b>11/03/2010</b>		<input type="checkbox"/> To be Mailed	
ENTITY: <input type="checkbox"/> LARGE <input checked="" type="checkbox"/> SMALL <input type="checkbox"/> MICRO									
<b>APPLICATION AS FILED – PART I</b>									
(Column 1)		(Column 2)							
FOR	NUMBER FILED	NUMBER EXTRA		RATE (\$)		FEE (\$)			
<input checked="" type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A		N/A		<b>165</b>			
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A		N/A					
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A		N/A					
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =		*	X \$ =					
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =		*	X \$ =					
<input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))									
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL		<b>165</b>			
<b>APPLICATION AS AMENDED – PART II</b>									
(Column 1)		(Column 2)		(Column 3)					
AMENDMENT	<b>09/26/2013</b>	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	* 28	Minus	** 28	= 0	X \$40 =		0	
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X \$210 =		0	
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))								
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
						TOTAL ADD'L FEE		<b>0</b>	
(Column 1)		(Column 2)		(Column 3)					
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$ =			
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =			
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))								
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
						TOTAL ADD'L FEE			
<p>* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.</p> <p>** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".</p> <p>*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".</p> <p>The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.</p>									

LIE  
/TAMMY d. MCBETH BROWN/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/936,395	11/03/2010	Steven H. Rempell	XPR.002US0	2369
40280	7590	10/18/2013		
STEVEN VOSEN 1563 SOLANO AVENUE #206 BERKELEY, CA 94707			EXAMINER XIA, XUYANG	
			ART UNIT 2178	PAPER NUMBER
			MAIL DATE 10/18/2013	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 12/936,395	<b>Applicant(s)</b> REMPELL ET AL.	
	<b>Examiner</b> XUYANG XIA	<b>Art Unit</b> 2178	<b>AIA (First Inventor to File) Status</b> No

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 9/26/2013.  
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on \_\_\_\_; the restriction requirement and election have been incorporated into this action.
- 4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 5) ☒ Claim(s) 1-28 is/are pending in the application.  
5a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 6) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 7) ☒ Claim(s) 1-28 is/are rejected.
- 8) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 9) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

\* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see [http://www.uspto.gov/patents/init\\_events/pph/index.jsp](http://www.uspto.gov/patents/init_events/pph/index.jsp) or send an inquiry to [PPHfeedback@uspto.gov](mailto:PPHfeedback@uspto.gov).

### Application Papers

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

#### Certified copies:

- a) ☐ All    b) ☐ Some \*    c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 3) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | Paper No(s)/Mail Date. ____.                            |
| Paper No(s)/Mail Date ____.   | 4) <input type="checkbox"/> Other: ____.                |

### DETAILED ACTION

This non-final rejection is in response to the amendment filed on: 9/26/2013.

Claims 1, 12 and 23 are amended. Thus, claims 1-28 are pending.

The rejection under 35 USC § 101 regarding to claim **1-11** are withdrawn.

The following rejections are withdrawn, in view of new grounds of rejection necessitated by applicant's amendments:

Claims **1-3,5-7,10-14,16-18,21-28** are rejected under 35 U.S.C. 103(a) as being unpatentable over **McCain US Patent Application Publication No.: 2005/0273705** in view of **Sidman US Patent Application Publication No.: 20040163020 and Paddon et al. US Patent Application Publication No: 2006/0063518.**

Claims **4,8-9,15,19-20** are rejected under 35 U.S.C. 103(a) as being unpatentable over **McCain US Patent Application Publication No.: 2005/0273705, Sidman US Patent Application Publication No.: 20040163020 and Paddon et al. US Patent Application Publication No: 2006/0063518** as applied to above claim 1, further in view of **Delpuch et al. US Patent Application Publication No.: 2004/0055017.**

### ***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:



1. Determining the scope and contents of the prior art.
  2. Ascertaining the differences between the prior art and the claims at issue.
  3. Resolving the level of ordinary skill in the pertinent art.
  4. Considering objective evidence present in the application indicating obviousness or nonobviousness.
2. Claims **1-3,5-7,10-14,16-18,21-28** are rejected under 35 U.S.C. 103(a) as being unpatentable over **McCain US Patent Application Publication No.: 2005/0273705** in view of **Benedetti US 2005/0149935 and Paddon et al. US Patent Application Publication No: 2006/0063518.**

In regard to claim 1, McCain discloses the claimed invention (Currently Amended): A system ([0002]) for generating code ([0081]) to provide content on a display of a device, ([0041], [0042]) said system comprising: computer memory ([0076]) storing a database including a registry of: ([0081], [0113], see below for a registry) an authoring tool ([0023]) configured to: define a user interface (UI) object for presentation on the display, ([0072]) produce an Application ([0109]-[0113]) including the selected symbolic name of the defined UI object, ([0129])

But McCain fails to explicitly teach “a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a networks, where each web component includes the symbolic names of inputs and/or outputs associated with each web service the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and b) the address of the web service; where said UI object corresponds to a the web component included in said registry selected from the group consisting of an input of the web service and an output of the web service

~~included in said registry, access said computer memory to select the~~ symbolic name ~~from said web component~~ corresponding to the web component of the defined UI object, associate the selected symbolic name with the defined UI object, produce an Application including the selected symbolic name of ~~the defined UI object and symbolic name associated with the inputs and/or outputs of the web component associated with~~ the defined UI object, where said Application is a device-independent code, and produce a Player, where said Player is a device-dependent code; such that, when the Application and Player are provided to the device and ~~when the Player is executed on~~ the device, ~~said Player interprets said Application to provide the web component and~~ when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object,

1) the device provides the user provided one or more input values and corresponding input symbolic name to the selected UI object and dynamically received values of web service, 2) the web component on the service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name, 3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device to present an output value in the defined UI object."

Benedetti discloses a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a networks, (Abstract, [0070], [0035], [0036], [0051]) where ~~each web component includes the symbolic names of inputs and/or outputs associated with each web service~~

the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, (Abstract, [0070]) and b) the address of the web service; (Abstract, [0023], [0024]) where said UI object (see above for UI object) corresponds to a the web component included in said registry selected from the group consisting of an input of the web service and an output of the web service included in said registry, ([0021], [0022]) access said computer memory ([0065]) select the symbolic name from said web component corresponding to the web component (Abstract) of the defined UI object, (see above) associate the selected symbolic name with the defined UI object, ([0014]) and produce a Player, where said Player is a device-dependent code; ([0073], [0074]) such that, when the Application (see above) and Player are provided to the device and ~~when the Player is executed on the device~~, ([0073], [0074]) ~~said Player interprets said Application to provide the web component~~ and when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object, ([0032]-[0037])

1) the device provides the user provided one or more input values and corresponding input symbolic name to the selected UI object and dynamically received values of web service, ([0040]-[0044]) the web component on the service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name, ([0035]-[0041]) 3) said Player receives the output symbolic name ([0040]-[0042],[0058]) and corresponding one or more output values and provides instructions for a display of the device ([0065]) to

present an output value in the defined UI object. (see above for the UI object, [0074], [0075])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Benedetti's scheduler supporting web service invocation and McCain's invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Benedetti's method to invocation of a web service would provide more input and output control mechanism to McCain's creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that standardizing the invocation of a web service would help to deploy more software applications based on the defined input and output method.

Paddon et al. teach produce an Application, where said Application is a device-independent code, ([0010]) and produce a Player, where said Player is a device-dependent code, ([0010],[0011], UI engine) such that, when the Application and Player are provided to the device and executed on the device, ([0010],[0011])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Paddon et al.'s developing and deploying device independent applications into Benedetti's scheduler supporting web service invocation and McCain's invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Paddon et al.'s developing device

independent applications would save the developers with significant time and resources to McCain's creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that developing and deploying device independent applications would enable developers to efficiently develop, deploy and maintain one instance of an application that can execute on multiple mobile communication platforms.

In regard to claim 2, McCain, Benedetti and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

McCain also teaches where said database includes definitions of input and/or output related to said web service.(paragraph [0015])

In regard to claim 3, McCain, Benedetti and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

McCain also teaches where said web component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed. (Paragraph [0071],[0072])

In regard to claim 5, McCain, Benedetti and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

McCain also teaches where said UI object is an input field (paragraph [0015]) for a web service.(Fig.3, paragraph [0079],[0136])

In regard to claim 6, McCain, Benedetti and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

McCain also teaches where said UI object is an input field usable to obtain said web component, where said input field includes a text field, a scrolling text box, a check

box, a drop down-menu, a list menu, or a submit button.(Fig. 3, paragraph [0078],[0079],[0080])

In regard to claim 7, McCain, Benedetti and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

McCain also teaches where said web component is an output of a web service, (paragraph [0128], [0129]) is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.(Paragraph [0071], [0072])

In regard to claim 10, McCain, Benedetti and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

But McCain fails to explicitly teach “where said code includes three or more codes, where one of said third or more codes is device specific, and where two of said three or more codes in device independent.”

Paddon et al. teach where said code includes three or more codes, (paragraph [0010], [0011]) where one of said third or more codes is device specific, (paragraph [0010]) and where two of said three or more codes in device independent.(Paragraph [0010],[0026])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Paddon et al.’s developing and deploying device independent applications into Benedetti’s scheduler supporting web service invocation and McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine

these arts, as proposed above, at least because Paddon et al.'s developing device independent applications would save the developers with significant time and resources to McCain's creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that developing and deploying device independent applications would enable developers to efficiently develop, deploy and maintain one instance of an application that can execute on multiple mobile communication platforms.

In regard to claim 11, McCain, Benedetti and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein. McCain also teaches where said code is provided over said network.(Paragraph [0022])

In regard to claim 12, McCain discloses the claimed invention (Currently Amended): A method for displaying content on a device ([0041], [0042]) utilizing a database ([0081], [0113]) defining a user interface (UI) object for presentation on the display, ([0072] producing an Application including the selected symbolic name of the defined UI object, ([0129]) where said Application is a device-dependent code.([0075], [0076])

But McCain fails to explicitly teach "a database including a registry of one or more web components related to inputs and/or outputs of a web service obtainable over a network, where each web component includes the symbolic names of inputs and/or outputs associated with each web service, and where the registry includes: a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a network, where the symbolic

names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and b) the address of the web service,  
said method comprising: where said UI object corresponds to the web component  
included in said registry selected from the group consisting of an input of the web  
service and an output of the web service included in said registry; selecting a symbolic  
name from said web component corresponding to the defined UI object; associating the  
selected symbolic name with the defined UI object; and producing a Player, where said  
Player is a device-dependent code; such that, when the Application and Player are  
provided to the device and ~~when the Player is executed on the device, said Player~~  
~~interprets said Application to provide the web component and~~ when a user of the device  
provides one or more input values associated with an input symbolic name to an input  
of defined UI object,1) the device provides the user provided one or more input values  
and corresponding input symbolic name to the selected UI object and dynamically  
~~received values of web service, 2) the web component on the service utilizes the input~~  
symbolic name and the user provided one or more input values for generating one or  
more output values having an associated output symbolic name,3) said Player receives  
the output symbolic name and corresponding one or more output values and provides  
instructions for a display of the device to present an output value in the defined UI  
object."

Benedetti discloses a database ([0065]) including a registry of one or more web components related to inputs and/or outputs of a web service obtainable over a network, (Abstract, [0070], [0035], [0036], [0051]) where each web component includes



the symbolic names of inputs and/or outputs associated with each web service,  
(Abstract, [0070]) and where the registry includes: ([0065]) a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a network, (Abstract, [0070], [0035], [0036], [0051]) where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, (Abstract, [0070]) and b) the address of the web service. (Abstract, [0023], [0024]) said method comprising: where said UI object (see above for UI object) corresponds to the web component included in said registry selected from the group consisting of an input of the web service and an output of the web service included in said registry; ([0021], [0022]) selecting a symbolic name from said web component corresponding to the defined UI object; (Abstract) associating the selected symbolic name with the defined UI object; ([0014]) and producing a Player, where said Player is a device-dependent code; ([0073], [0074]) such that, when the Application (see above) and Player are provided to the device and ~~when the Player is executed on the device, ([0073], [0074]) said Player interprets said Application to provide the web component~~ and when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object, ([0032]-[0037]) 1) the device provides the user provided one or more input values and corresponding input symbolic name to the selected UI object and dynamically received values of web service, ([0040]-[0044]) 2) the web component on the service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic

name, ([0035]-[0041] 3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device ([0065]) to present an output value in the defined UI object. (see above for the UI object, [0074], [0075])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Benedetti's scheduler supporting web service invocation and McCain's invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Benedetti's method to invocation of a web service would provide more input and output control mechanism to McCain's creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that standardizing the invocation of a web service would help to deploy more software applications based on the defined input and output method.

Paddon et al. teach produce a Player, where said Player is a device-dependent code, ([0010],[0011], UI engine) such that, when the Application and Player are provided to the device and executed on the device, ([0010],[0011])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Paddon et al.'s developing and deploying device independent applications into Benedetti's scheduler supporting web service invocation and McCain's invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine

these arts, as proposed above, at least because Paddon et al.'s developing device independent applications would save the developers with significant time and resources to McCain's creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that developing and deploying device independent applications would enable developers to efficiently develop, deploy and maintain one instance of an application that can execute on multiple mobile communication platforms.

In regard to claim 13, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches where said database includes definitions of input and/or output related to said web service. (paragraph [0015])

In regard to claim 14, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches where said web component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed. (Paragraph [0071], [0072])

In regard to claim 16, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches where said UI object is an input field (paragraph [0015]) for a web service. (Fig.3, paragraph [0078],[0079],[0136])

In regard to claim 17, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches where said UI object is an input field usable to obtain said web component,

where said input field includes a text field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button. (Fig. 3, paragraph [0078],[0079],[0080])

In regard to claim 18, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches where said web component is an output of a web service, (paragraph [0128], [0129]) is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement. (Paragraph [0072])

In regard to claim 21, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein.

But McCain fails to explicitly teach “and such that said Player interprets dynamically received device device independent Application.”

Paddon et al. teach and such that said Player interprets dynamically received device independent Application. (Paragraph [0010],[0011],[0017])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Paddon et al.’s developing and deploying device independent applications into Benedetti’s scheduler supporting web service invocation and McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Paddon et al.’s developing device independent applications and device dependent players would save the developers with significant time and resources to McCain’s creating web service application. Therefore it

would have been obvious to one having ordinary skill in the art at the time the invention was made that developing and deploying device independent applications and device dependent players would enable developers to efficiently develop, deploy and maintain one instance of an application that can execute on multiple mobile communication platforms.

In regard to claim 22, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches further comprising: providing said Application ([0109]-[0113]) over said network. (Paragraph [0022])

But McCain fails to explicitly teach “providing said Player.”

Paddon et al. teach providing said Player. (Paragraph [0010],[0011], UI engine)

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Paddon et al.’s developing and deploying device independent applications into Benedetti’s scheduler supporting web service invocation and McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Paddon et al.’s developing device independent applications and device dependent players would save the developers with significant time and resources to McCain’s creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that developing and deploying device independent applications and device dependent players would enable developers to efficiently develop, deploy and maintain

one instance of an application that can execute on multiple mobile communication platforms.

In regard to claim 23, McCain discloses the claimed invention (Currently Amended): A method for providing information from a web component of a web service ([0072],[0073],[0080],[0136]) to a device on a network, ([0002])

But McCain fails to explicitly teach “said method comprising: accepting a first code over the network, where said first code is device- dependent; accepting a second code over the network, where said second code is device-independent and includes the symbolic names of inputs and/or outputs associated with the web service; and executing said first code on the device, where the symbolic names are provided from a database including a registry of one or more web components related to inputs and/or outputs of a web service obtainable over a network, where the web service requires both an input symbolic name and one or more associated input values and returns one or more output values having an associated output symbolic name, and where the registry includes: a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a network, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and b) the address of the web service; where said executing includes: processing said symbolic names of the second code, transmitting processed instructions to the web service, and accepting a third code over the network, where said third code is a device-

independent third code including the output of the web component provided by the web service over the network and in response to the second code.”

Paddon et al. teach said method comprising: accepting a first code over the network, where said first code is device- dependent; (paragraph [0005], [0010], [0011], UI engine) accepting a second code over the network, where said second code is device-independent, (paragraph [0005], [0010], [0011]) and executing said first code on the device, (paragraph [0010],[0011]) where said executing includes: processing said symbolic names of the second code, (paragraph [0011],[0014],[0015], see below for said symbolic names) transmitting processed instructions to the web service, (paragraph [0011],[0014], [0026]) and accepting a third code over the network, (paragraph [0011],[0014],[0026]) where said third code is a device-independent third code including the output of the web component provided by the web service over the network and in response to the second code. (Paragraph [0010],[0011],[0014],[0026])

Benedetti discloses and includes the symbolic names of inputs and/or outputs associated with the web service; (Abstract, [0070], [0035], [0036], [0051]), where the symbolic names are provided from a database including a registry of one or more web components related to inputs and/or outputs of a web service obtainable over a network. (Abstract, [0070], [0035], [0036], [0051], [0065]) where the web service requires both an input symbolic name and one or more associated input values and returns one or more output values having an associated output symbolic name, and where the registry includes: ([0032]-[0044]) a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service

obtainable over a network, (Abstract, [0070], [0035], [0036], [0051] )where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, (abstract, [0070]) and b) the address of the web service; (Abstract, [0023], [0024])

In regard to claim 24, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 23, the rejection is incorporated herein.

McCain also teaches where said third code is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed. (Paragraph [0072])

In regard to claim 25, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 23, the rejection is incorporated herein.

McCain also teaches where said third code is an output of a web service, (paragraph [0129]) is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement. (Paragraph [0072])

In regard to claim 26, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 23, the rejection is incorporated herein.

McCain also teaches where said first code and said second code are generated using an authoring tool. (Paragraph [0071],[0079])

In regard to claim 27, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 23, the rejection is incorporated herein.

McCain also teaches where said first code is a Player.(paragraph [0072], non-binary component is interpreted as a Player)



In regard to claim 28, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 23, the rejection is incorporated herein,

But McCain fails to explicitly teach “where said second code is an Application which includes one or more web components.”

Paddon et al. teach where said second code is an Application which includes one or more web components. (Paragraph [0010]-[0015])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Paddon et al.’s developing and deploying device independent applications into Benedetti’s scheduler supporting web service invocation and McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Paddon et al.’s developing device independent applications would save the developers with significant time and resources to McCain’s creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that developing and deploying device independent applications would enable developers to efficiently develop, deploy and maintain one instance of an application that can execute on multiple mobile communication platforms.

3. Claims **4,8-9,15,19-20** are rejected under 35 U.S.C. 103(a) as being unpatentable over **McCain US Patent Application Publication No.: 2005/0273705, Benedetti US 2005/0149935 and Paddon et al. US Patent Application Publication**

**No: 2006/0063518** as applied to above claim 1, further in view of **Delpuch et al. US Patent Application Publication No.: 2004/0055017.**

In regard to claim 4, McCain, Benedetti and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

But McCain fails to explicitly teach “where said UI object is an input field for a chat.”

Delpuch et al. teach where said UI object is an input field for a chat. (Paragraph [0106])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Delpuch et al.’s generating and transmitting authoring data associated with distributed content into Paddon et al.’s developing and deploying device independent applications, Benedetti’s scheduler supporting web service invocation and McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying content. The motivation to combine these arts, as proposed above, at least because Delpuch et al.’s capability to provide input field for a chat would provide the user with real-time interactions to McCain’s creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that providing an input field for chat would give the user with more ways of real-time communication to the web service application.

In regard to claim 8, McCain, Benedetti and Paddon et al. together discloses the claimed invention the system of Claim 1, the rejection is incorporated herein, McCain also teaches where said authoring tool (paragraph [0023]).

But McCain fails to explicitly teach “is further configured to: define a phone field or list; and generate code that, when executed on the device, allows a user to supply a phone number to said phone field or list.”

Delpuch et al. teach is further configured to: define a phone field or list; (paragraph [0086]) and generate code that, when executed on the device, allows a user to supply a phone number to said phone field or list.(Paragraph [0081])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Delpuch et al.’s generating and transmitting authoring data associated with distributed content into Paddon et al.’s developing and deploying device independent applications, Benedetti’s scheduler supporting web service invocation and McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying content. The motivation to combine these arts, as proposed above, at least because Delpuch et al.’s phone field would provide an address or identification associated with the content distributed to McCain’s creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that providing a phone field would provide the system with a way to authorize the content distributed to the web service application.

In regard to claim 9, McCain, Benedetti and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein, McCain also teaches where said authoring tool (paragraph [0023]).

But McCain fails to explicitly teach “is further configured to: define a SMS field or list; and generate code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list.”

Delpuch et al. teach is further configured to: define a SMS field or list; (paragraph [0086]) and generate code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list. (Paragraph [0069] It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Delpuch et al.’s generating and transmitting authoring data associated with distributed content into Paddon et al.’s developing and deploying device independent applications, Benedetti’s scheduler supporting web service invocation and McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying content. The motivation to combine these arts, as proposed above, at least because Delpuch et al.’s SMS field would provide the user with real-time interactions to McCain’s creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that providing a SMS field would give the user with more ways of real-time communication to the web service application.

In regard to claim 15, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein.

But McCain fails to explicitly teach “where said object is an input field for a chat.”

Delpuch et al. teach where said object is an input field for a chat. (Paragraph [0106])

In regard to claim 19, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein.

But McCain fails to explicitly teach “further comprising: defining a phone field or list; and generating code that, when executed on the device, allows a user to supply a phone number to said phone field or list.”

Delpuch et al. teach further comprising: defining a phone field or list; (paragraph [0086]) and generating code that, when executed on the device, allows a user to supply a phone number to said phone field or list. (Paragraph [0081])

In regard to claim 20, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein.

But McCain fails to explicitly teach “further comprising: defining a SMS field or list; and generating code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list.”

Delpuch et al. teach further comprising: defining a SMS field or list; (paragraph [0086]) and generating code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list. (Paragraph [0069])

***Response to Arguments***

Applicant's arguments with respect to claims 1-28 filed on 9/26/2013 have been considered but are moot because the arguments do not apply to the current rejection.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to XUYANG XIA whose telephone number is (571)270-3045. The examiner can normally be reached on Monday-Friday 7:30am-5pm, every other Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571)272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/XUYANG XIA/  
Examiner, Art Unit 2178

/Kyle R Stork/

Application/Control Number: 12/936,395

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Art Unit: 2178

Primary Examiner, Art Unit 2178

<b>Notice of References Cited</b>	Application/Control No. 12/936,395	Applicant(s)/Patent Under Reexamination REMPELL ET AL.	
	Examiner XUYANG XIA	Art Unit 2178	Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2005/0149935	07-2005	Benedetti, Fabio	718/102
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



<p><b><i>Index of Claims</i></b></p> 	<p><b>Application/Control No.</b></p> <p>12936395</p>	<p><b>Applicant(s)/Patent Under Reexamination</b></p> <p>REMPELL ET AL.</p>
	<p><b>Examiner</b></p> <p>XUYANG XIA</p>	<p><b>Art Unit</b></p> <p>2178</p>

✓	<b>Rejected</b>	-	<b>Cancelled</b>	N	<b>Non-Elected</b>	A	<b>Appeal</b>
=	<b>Allowed</b>	÷	<b>Restricted</b>	I	<b>Interference</b>	O	<b>Objected</b>

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant					<input type="checkbox"/> CPA					<input type="checkbox"/> T.D.					<input type="checkbox"/> R.1.47				
CLAIM		DATE																	
Final	Original	09/10/2012	03/12/2013	10/01/2013															
	1	✓	✓	✓															
	2	✓	✓	✓															
	3	✓	✓	✓															
	4	✓	✓	✓															
	5	✓	✓	✓															
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	26	✓	✓	✓															
	27	✓	✓	✓															
	28	✓	✓	✓															

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20050273705"	US-PGPUB; USPAT	AND	ON	2012/09/11 09:34
S2	2	("2005/0273705").URPN.	USPAT	OR	ON	2012/09/11 09:34
S3	2	("2005/0273705").URPN.	USPAT	OR	ON	2012/09/11 09:34
S4	3507	chat web service object phone SMS	US-PGPUB; USPAT	AND	ON	2012/09/11 09:38
S5	32	chat web service object phone (SMS adj address) author\$4 input output	US-PGPUB; USPAT	AND	ON	2012/09/11 09:39
S6	0	device adj indepentent adj application adj code	US-PGPUB; USPAT	AND	ON	2012/09/11 14:52
S7	0	indepentent adj application adj code	US-PGPUB; USPAT	AND	ON	2012/09/11 14:52
S8	0	(machine or device) adj indepentent adj (code or program or application)	US-PGPUB; USPAT	AND	ON	2012/09/11 15:02
S9	1052	(machine or device) adj independent adj (code or program or application)	US-PGPUB; USPAT	AND	ON	2012/09/11 15:02
S10	687	(machine or device) adj independent adj (code or program or application) object content	US-PGPUB; USPAT	AND	ON	2012/09/11 15:02
S11	428	(device) adj independent adj (code or program or application) object content	US-PGPUB; USPAT	AND	ON	2012/09/11 15:02
S12	397	(device) adj independent adj (code or program or application) object content network server	US-PGPUB; USPAT	AND	ON	2012/09/11 15:03
S13	51	(device) adj independent adj (code or program or application) object content network server video chat	US-PGPUB; USPAT	AND	ON	2012/09/11 15:03
S14	361	(device) adj independent adj (code or program or application) object content network server video	US-PGPUB; USPAT	AND	ON	2012/09/11 15:05
S15	2	(device) adj independent adj (code or program or application) same object same content network server video	US-PGPUB; USPAT	AND	ON	2012/09/11 15:06
S16	2	(device) adj independent adj (code or program or application) same object same content video	US-PGPUB; USPAT	AND	ON	2012/09/11 15:06
S17	15	(device) adj independent adj (code or	US-	AND	ON	2012/09/11

		program or application) same web same content	PGPUB; USPAT			15:08
S18	15	(machine or device) adj independent adj (code or program or application) same web same content	US-PGPUB; USPAT	AND	ON	2012/09/11 15:14
S19	23	(machine or device) adj independent adj (code or program or application) same content not S18	US-PGPUB; USPAT	AND	ON	2012/09/11 15:14
S20	1143	database registry web adj service same (input or output)	US-PGPUB; USPAT	AND	ON	2013/03/12 16:10
S21	247	database registry web adj service same (input or output) user adj interface application player	US-PGPUB; USPAT	AND	ON	2013/03/12 16:11
S22	247	database registry web adj service same (input or output) user adj interface application player	US-PGPUB; USPAT	AND	ON	2013/03/12 16:11
S23	64	database registry web adj service same (input or output) user adj interface application player authoring	US-PGPUB; USPAT	AND	ON	2013/03/12 16:18
S24	1	database registry web adj service same (input or output) user adj interface application player authoring wysiwyg	US-PGPUB; USPAT	AND	ON	2013/03/12 16:18
S25	0	"12271692".ad.	US-PGPUB; USPAT	AND	ON	2013/03/12 16:26
S26	0	"12271692".ap.	US-PGPUB; USPAT	AND	ON	2013/03/12 16:26
S27	9	"12271692"	US-PGPUB; USPAT	AND	ON	2013/03/12 16:26
S28	9	authoring adj applications mobile adj device registry database	US-PGPUB; USPAT	AND	ON	2013/03/12 16:31
S29	4940	authoring adj tool	US-PGPUB; USPAT	AND	ON	2013/03/12 16:42
S30	1589	authoring adj tool web adj server	US-PGPUB; USPAT	AND	ON	2013/03/12 16:42
S31	633	authoring adj tool web adj service	US-PGPUB; USPAT	AND	ON	2013/03/12 16:42
S32	266	authoring adj tool web adj service mobile	US-PGPUB; USPAT	AND	ON	2013/03/12 16:42
S33	239	authoring adj tool web adj service mobile user adj interface	US-PGPUB; USPAT	AND	ON	2013/03/12 16:42
S34	3	"20040163020"	US-PGPUB; USPAT	AND	ON	2013/06/04 15:41
S35	0	symboloc adj name web adj service registry and @ad<"20080507"	US-PGPUB; USPAT	AND	ON	2013/10/01 15:03
S36	0	symboloc adj name same web adj service	US-	AND	ON	2013/10/01


## EAST Search History

		registry and @ad<"20080507"	PGPUB; USPAT			15:03
S37	0	symbolic adj name same web adj service registry same database and @ad<"20080507"	US- PGPUB; USPAT	AND	ON	2013/10/01 15:03
S38	1771	symbolic\$4 adj name @ad<"20080507"	US- PGPUB; USPAT	AND	ON	2013/10/01 15:04
S39	189	symbolic\$4 adj name web adj service @ad<"20080507"	US- PGPUB; USPAT	AND	ON	2013/10/01 15:04
S40	69	symbolic\$4 adj name web adj service registry database @ad<"20080507"	US- PGPUB; USPAT	AND	ON	2013/10/01 15:04
S41	74	symbolic\$4 near5 name web adj service registry database @ad<"20080507"	US- PGPUB; USPAT	AND	ON	2013/10/01 15:11
S42	5	symbolic\$4 near5 name web adj service registry database @ad<"20080507" not S40	US- PGPUB; USPAT	AND	ON	2013/10/01 15:11
S43	6	("2005/0149935").URPN.	USPAT	OR	ON	2013/10/01 15:12
S44	2	"20030233349"	US- PGPUB; USPAT	OR	ON	2013/10/01 15:53

**EAST Search History (Interference)**

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**10/ 2/ 2013 11:56:47 AM****C:\ Users\ xxia\ Documents\ EAST\ Workspaces\ 12936395.wsp**

<b><i>Search Notes</i></b>  	<b>Application/Control No.</b>  12936395	<b>Applicant(s)/Patent Under Reexamination</b>  REMPELL ET AL.
	<b>Examiner</b>  XUYANG XIA	<b>Art Unit</b>  2178

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
715	738	9/11/2012	

SEARCH NOTES		
Search Notes	Date	Examiner
Inventor Name Search for Double Patenting	9/10/2012	
EAST Search	9/11/2012	
EAST Search	3/18/2013	
EAST Search	10/1/2013	

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

/XUYANG XIA/ Examiner.Art Unit 2178	
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**UNITED STATES PATENT AND TRADEMARK OFFICE**

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Applicant(s): Rempell et al.

Application No.: 12/936,395

Filed: November 3, 2010

Title: SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON  
MOBILE DEVICES

Group Art Unit: 2178

Examiner: Xuyang Xia

Docket No.: XPR.002US0

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**AMENDMENT UNDER 37 C.F.R. §1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

The following remarks are made in response to the Office Action mailed October 18, 2013. This Reexamination and reconsideration of the application in light of the following Remarks are respectfully requested, where:

**Amendments to the Claims** are reflected in the **Listing of Claims** which begins on the following page of this paper; and

**Remarks/Arguments** begin on the page following the Amendments to the Claims.

**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of the claims in the application:

**Listing of Claims:**

Claim 1 (Currently Amended): A system for generating code to provide content on a display of a device, said system comprising:

computer memory storing ~~a database including~~ a registry of:

a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a network, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and

b) the address of the web service;

an authoring tool configured to:

define a user interface (UI) object for presentation on the display, where said UI object corresponds to the web component included in said registry selected from the group consisting of an input of the web service and an output of the web service,

access said computer memory to select the symbolic name corresponding to the web component of the defined UI object,

associate the selected symbolic name with the defined UI object, produce an Application including the selected symbolic name of the defined UI object, where said Application is a device-independent code, and

produce a Player, where said Player is a device-dependent code;

such that, when the Application and Player are provided to the device and executed on the device, and when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object,

1) the device provides the user provided one or more input values and corresponding input symbolic name to the web service,

2) the web service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name,

3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device to present an output value in the defined UI object.

Claim 2 (Currently Amended): The system of claim 1, where said ~~database~~ registry includes definitions of input and/or output related to said web service.

Claim 3 (Previously Presented): The system of claim 1, where said web component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed.

Claim 4 (Previously Presented): The system of claim 1, where said UI object is an input field for a chat.

Claim 5 (Previously Presented): The system of claim 1, where said UI object is an input field for a web service.

Claim 6 (Previously Presented): The system of claim 1, where said UI object is an input field usable to obtain said web component, where said input field includes a text field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button.

Claim 7 (Previously Presented): The system of claim 1, where said web component is an output of a web service, is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.

Claim 8 (Previously Presented): The system of claim 1, where said authoring tool is further configured to:

define a phone field or list; and

generate code that, when executed on the device, allows a user to supply a phone number to said phone field or list.



Claim 9 (Previously Presented): The system of claim 1, where said authoring tool is further configured to:

define a SMS field or list; and  
generate code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list.

Claim 10 (Previously Presented): The system of Claim 1,  
where said code includes three or more codes, where one of said three or more codes is device specific, and where two of said three or more codes is device independent.

Claim 11 (Original): The system of claim 1, where said code is provided over said network.

Claim 12 (Currently Amended): A method for displaying content on a device utilizing ~~a database including~~ a registry of one or more web components related to inputs and/or outputs of a web service obtainable over a network, where each web component includes the symbolic names of inputs and/or outputs associated with each web service, and where the registry includes: a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a network, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and  
b) the address of the web service, said method comprising:

defining a user interface (UI) object for presentation on the display, where said UI object corresponds to the web component included in said registry selected from the group consisting of an input of the web service and an output of the web service;

selecting a symbolic name from said web component corresponding to the defined UI object;

associating the selected symbolic name with the defined UI object;  
producing an Application including the selected symbolic name of the defined UI object, where said Application is a device-dependent code; and  
producing a Player, where said Player is a device-dependent code;

such that, when the Application and Player are provided to the device and executed on the device, and when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object,

1) the device provides the user provided one or more input values and corresponding input symbolic name to the web service,

2) the web service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name,

3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device to present an output value in the defined UI object.

Claim 13 (Currently Amended): The method of claim 12, where said ~~database~~ registry includes definitions of input and/or output related to said web service.

Claim 14 (Previously Presented): The method of claim 12, where said web component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed.

Claim 15 (Previously Presented): The method of claim 12, where said UI object is an input field for a chat.

Claim 16 (Previously Presented): The method of claim 12, where said UI object is an input field for a web service.

Claim 17 (Previously Presented): The method of claim 12, where said UI object is an input field usable to obtain said web component, where said input field includes a text field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button.

Claim 18 (Previously Presented): The method of claim 12, where said web component is an output of a web service, is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.

Claim 19 (Previously Presented): The method of claim 12, further comprising:  
defining a phone field or list; and  
generating code that, when executed on the device, allows a user to supply a phone number to said phone field or list.

Claim 20 (Previously Presented): The method of claim 12, further comprising:  
defining a SMS field or list; and  
generating code that, when executed on the device, allows a user to supply  
an SMS address to said SMS field or list.

Claim 21 Previously Presented The method of Claim 12, and such that said Player  
interprets dynamically received, device-independent values of the web component  
defined in the Application.

Claim 22 (Previously Presented): The method of claim 12, further comprising:  
providing said Application and Player over said network.

Claim 23 (Currently Amended): A method for providing information to a device  
having a display from a web component of a web service to a device on a network, said  
method comprising:

accepting, on the device, a first code over the network, where said first  
code is device-dependent;

accepting, on the device, a second code over the network, where said  
second code is device-independent and includes the symbolic names of inputs  
and/or outputs associated with the web service; and

executing said first code on the device,  
where the symbolic names are provided from ~~a database including a~~  
registry of one or more web components related to inputs and/or outputs of a web  
service obtainable over a network,

where the web service requires both an input symbolic name and one or  
more associated input values and returns one or more output values having an  
associated output symbolic name, and

where the registry includes  
a) symbolic names required for evoking one or more web components  
each related to a set of inputs and/or outputs of a web service obtainable over a  
network, where the symbolic names are character strings that do not contain either  
a persistent address or pointer to an output value accessible to the web service,  
and

b) the address of the web service;

where said executing includes:

processing said symbolic names of the second code on the device,  
transmitting processed instructions from the device to the web  
service, and

accepting a third code on the device over the network, where said  
third code is a device-independent third code including the output of the  
web component provided by the web service over the network and in  
response to the second code.

Claim 24 (Previously Presented): The method of claim 23, where said third code is a  
text chat, a video chat, an image, a slideshow, a video, or an RSS feed.

Claim 25 (Previously Presented): The method of claim 23, where said third code is an  
output of a web service, is the text provided by one or more simultaneous chat sessions, is  
the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an  
advertisement.

Claim 26 (Original): The method of claim 23, where said first code and said second  
code are generated using an authoring tool.

Claim 27 (Original): The method of claim 23, where said first code is a Player.

Claim 28 (Previously Presented): The method of claim 23, where said second code is  
an Application which includes one or more web components.

### **REMARKS**

This Reply is submitted in response to the Office Action mailed October 18, 2013, wherein the Claims were rejected under 35 U.S.C. 103(a) as being unpatentable. as follows: Claims 1-3, 5-7, 10-14, 16-18, and 21-28 US Patent Application Publication Nos.: 2005/0273705 to McCain (*McCain*) in view of 2005/0149935 to Benedetti (*Benedetti*) and 2006/0063518 to Paddon et al. (*Paddon*), and Claims 4, 8-9, 15, and 19-20 over *McCain*, *Benedetti*, *Paddon* in view of US Patent Application Publication No.: 2004/0055017 to Delpuch et al (*Delpuch*).

In this Amendment, Claims 1, 2, 12, 13, and 23 are amended. **Claims 1-28 are thus pending in the application.** Applicant respectfully submits that the claims are patentable for the following reasons.

### **CLAIM AMENDMENTS**

Claim 1 is amended to recite “computer memory storing ~~a database including a~~ registry of,” and Claim 12 is amended to recite “utilizing ~~a database including a~~ registry.” Support for this amendment is found, for example, in Paragraph [0064] and [0066].

Claims 2 and 13 are amended to recite “where said ~~database registry~~ includes.” Support for this amendment is found, for example, in Paragraph [0064] and [0066].

Claim 23 is amended to recite that the information is provided to, and that the accepting of the first, second, and third codes, and the processing is on the device, and that the transmitting is from the device. Support for this amendment is found, for example, in FIG. 2A and the accompanying discussion.

No new matter has been introduced by way of these amendments.

### **REJECTION TO THE CLAIMS**

#### **Rejection under 35 U.S.C. §103**

In paragraph 2 of the Office Action, Claims 1-3, 5-7, 10-14, 16-18, and 21-28 were rejected under 35 U.S.C. 103(a) as being unpatentable over *McCain* in view of *Benedetti* and *Paddon*. Claims 1, 2, 12, 13, and 23 are amended to more clearly recite the claimed invention. Applicant respectfully submits that the claims are patentable for the following reasons.

**The Present Application** addresses displaying information on a device, such as a mobile device, over a network. One embodiment is an authoring tool that generates files which together provide content over a network. The files include a **Player** (sometimes referred to herein as a “first code”) specific to each device (device-dependent) and an **Application** (sometimes referred to herein as a “second code”) that is device-independent. The Player is activated by a web browser or other software or through a signal to device by a special telephone numbers, such as a short code (see, for example, Paragraph [0049]).

The present application teaches an authoring tool that generates an Application and a Player that may be used for obtaining information from a web service. Importantly, embodiments include providing both the Application and Player to a device, wherein the Player (being device-dependent) is executed to interpret non-binary, device independent contained in the Application. The Application and Player, when executed on a device, may provide interaction with a web service.

**McCain** teaches automatically adding functionality to a website by using a database of preexisting “solutions” stored in “C2 objects.” A C2 object includes all electronic content and functionality required to access a web service, including both device dependent (executable) and device independent (non-binary) elements that produce the selected functionality (see Abstract and paragraphs [0072] and [0114]).

McCain further teaches software to modify that can modify the functionality of a pre-existing solution within an “objectizer” (see paragraphs [0084] and [0114]).

Importantly, McCain is capable of using and/or modifying a C2 object for inclusion into a website, and does so without the need of storing or modifying solutions as separate device-dependent and device-independent codes.

**Benedetti** is a scheduler that provides device independent code for making web service calls.

**Paddon** teaches device-dependent codes that execute on a device (corresponding devices 111, 112, or 113) and a server system 130 which interprets device-dependent codes (a “rule set”). As discussed in col 3, lines 35-52, the UI Engine may display a UI component as requested by the application on the device by providing a request to a server system for combining a rule set for a given mobile communication device.

application and screen with content obtained from a third party content provider via an adapter. The adapter allows conversion of the native format of the content on the content provider's system to a format suitable for combination with a rule set in order to form a UI component for transmittal to a mobile communication device. The rule set determines what events and data are sent back and when the events and data are sent to the rule interface component when a particular interface element for example a button is asserted by a user.

Importantly, **Paddon** distributes the device dependent and device-independent codes among several devices. The device dependent code resides on the device on which information is to be displayed. The device independent code resides on a server, which is separate from the device, and which interprets the device independent code, when necessary.

**Claims 1-3, 5-7, 10-14, 16-18, and 21-22**

Claims 2-3, 5-7, and 10-11 depend on independent Claim 1, and Claims 13-14, 16-18, and 21-22 depend on independent Claim 12. Regarding Claims 1 and 12, the Office Action states, in part, that:

1) **McCain** teaches a system for generating code to provide content on a display of a device, including a database and an authoring tool configured to define a user interface (UI) object for presentation on the display, where the authoring tool produces an Application including the selected symbolic name of the defined UI object;

2) **Benedetti** discloses the claimed registry elements for storing in the computer memory of **McCain**, and the authoring tool to use the registry elements to produce a device-dependent code (Player) such that when **McCain's** Application and **Benedetti's** Player are provided to the device, it operates as claimed to output onto the display of the device; and

3) **Paddon** teaches a device-dependent Application and a device-dependent Player that are both provided to the device.

The Office Action also states that the motivation to combine **McCain** and **Benedetti** is to provide more input and output control mechanisms to **McCain's** web service creating application, and thus help to deploy more software applications based on

the defined input and output method, and the motivation to also include *Paddon* is to save developers significant time and resources creating *McCain*'s web service application.

Applicants disagree with the rejection for at least the following reasons.

**First**, the combination of references neither teaches nor suggests the claimed invention.

Independent Claims 1 and 12 each recite an authoring tool that produces a (device-dependent) Player and a (device-independent) Application, both of which are provided to a device having a display. *McCain* teaches an authoring tool that generates a device-dependent Player provided to a device with a display. *Paddon* teaches providing device-dependent code to a device with a display and providing device-independent code to a server, and not the device having a display. There is thus no teaching to provide a Player and an Application to a device with a display.

There is also no suggestion in the references of sending both a Player and an Application to a device having a display. As noted in the Office Action, *McCain* is silent about an Application and a Player. The rejection states that *Benedetti* teaches providing device dependent code to the display device. Applicants note, however, that *Benedetti*, teaches only generating device independent code, and cannot find any teaching or suggestion about *Benedetti* generating or providing device dependent code (a Player). Thus, for example, *Benedetti* teaches sending WDSL documents for making web service calls. See Abstract, and Paragraphs [0073] and [0074].

Further, the rejection states that *Paddon* teaches providing an *Application* and a *Player* to a device. This is also in error. *Paddon* teaches providing the Player to a device and the Application to a separate server through which the device communicates to web services. Specifically, the "rule set" (which is device-independent) is processed by server 130, while the device-dependent code is provided to the device, which is separate from the server. See, for example, FIG. 1, and col. 5, line 50 to col. 6, line 15. There is no teaching or suggestion in *Paddon* to provide both the Player and Application to a single device, as claimed. (The Applicants' note that the Office Action cites paragraph numbers in Paddon, but no such paragraph number exist in *Paddon*.)



For at least these reasons, the combination of references thus does not teach or suggest the claimed invention, and therefore cannot be used render the claims *prima facie* obvious.

**Second**, Applicants assert that the motivation for combining the references is lacking. The primary reference, **McCain**, teaches solutions packaged as including all code necessary for executing the solution, including all electronic content and software instructions to accomplish a desired functionality (Paragraph [0072]). **McCain** further teaches:

[0084] The objectizer 28 allows the creation of new C2 objects and the modification existing C2 objects. Using the objectizer 28, a C2 object's look, feel and functionality can be modified using the objectizer's design interface. The objectizer's 28 user interface is almost identical to the user interface of the interface design interface tool 20 interface 48 (FIG. 4). Anything created using the objectizer 28 can be used in a solution or dragged and dropped directly onto a web page. The objectizer 28 provides multi-language, multi-

**McCain** has clearly addressed the ability to modify pre-existing solutions, and does so by reading a pre-existing solution into the objectizer, modifying the look and feel of the solution, and then using the modified solution just as taught with respect to pre-existing solutions. **McCain** does so using the solution structure described in paragraph [0072], which includes all manner of code necessary for implementation of the solution.

The Office Action states that the motivation for modifying **McCain** with **Benedetti** is to provide more input and output control mechanisms to **McCain**. **McCain**, however, already teaches modifying the functionality of a solution (see paragraph [0084]), and thus the Applicants thus can see no motivation for the proposed modification - **McCain** already accomplishes the ability to provide more input and output control mechanisms. Thus while the Office Action states the motivation to provide "more input and output control mechanisms" (emphasis added), it is not clear that even if the proposed modification were accomplished, that the resulting invention would provide more input and output control mechanisms.

The Office Action also states that the motivation to also include **Paddon** is to save developers significant time and resources creating **McCain's** web service application.

Again, **McCain** has clearly solved the problem of easily modifying solutions using **McCain's** solution file structure. The Applicants' therefore can find no motivation in modifying the structure of the solution to save developer's time and resources. McCain has already solved the problem of easily changing solutions (see paragraph [0084]. The Office Action asserts that forming a device-dependent and a device-independent code from **McCain's** solution somehow provides more functionality to the solutions of **McCain**.

Combining **McCain** with **Benedetti** and **Paddon** therefore would not provide more input and output control mechanisms to **McCain's** web service creating application, or save developers significant time and resources creating **McCain's** web service application. Accordingly, Applicant's assert that there is no motivation for modifying McCain to produce both an Application and a Player, as claimed. The combination of references thus does not form the claimed invention and cannot be used render the claims *prima facie* obvious.

**Third**, the modifications recited in the Office Action change the principle of operation of the prior art, and thus the teachings of the references are not sufficient to render the claims *prima facie* obvious.” (see MPEP 2143.01 VI)

The principle of operation of **McCain** is to create network software applications by utilizing device-dependent “solutions” that can perform certain functions when provided to a networked device. Importantly, **McCain** teaches that these solutions are bundled to include **all required software**, including executable code for the device (paragraph [0072]). **McCain** therefore teaches having a solution for each type of device. The principle of operation of **McCain** therefore includes utilizing solutions that are device-specific - that is, each solution if **McCain** operates on a specific device.

The claimed invention, in contrast, operates by partitioning the code required for functionality into device-independent code and device-dependent code. The inventors have found that this greatly simplifies providing software to a variety of devices.

Modifying **McCain** as suggested in the Office Action changes the principle of operation of **McCain**, which is to provide device-specific solutions, and thus cannot be used render the claims *prima facie* obvious.

For at least these reasons, a *prima facie* case of obviousness cannot be made against the claims, and Applicants request that the rejection under 35 U.S.C. 103(a) over **McCain** in view of **Benedetti** and **Paddon**, of Claims 1 and 12, as amended, and of Claims 2-3, 5-7, and 10-11, as amended, which depend on independent Claim 1, and of Claims 13-14, 16-18, and 21-22, which depend on independent Claim 12, be withdrawn.

In addition, regarding Claim 10, the Office Action states that Paddon teaches providing three or more codes. Applicants respectfully disagree and can find no such teaching in **Paddon**.

For at least this reason, a *prima facie* case of obviousness cannot be made against the claims, and Applicants also request that the rejection under 35 U.S.C. 103(a) over **McCain** in view of **Benedetti** and **Paddon**, of Claim 10 be withdrawn.

#### **Claims 23-28**

Claims 24-28 depend on independent Claim 23, which has been amended to recite that the information is provided to, and that the accepting of the first, second, and third codes, and the processing is on the device, and that the transmitting is from the device. Applicant submits that Claim 23, as amended, is patentable for at least the following reasons.

The Office Action states that **Paddon** teaches the following missing limitation of **McCain** of accepting a first, device-dependent code over the network, accepting a second code, device-independent code over the network, and executing said first code on the device including processing said symbolic names of the second code, transmitting processed instructions to the web service, and accepting a device-independent third code over the network, which includes the output of the web component provided by the web service over the network and in response to the second code. Applicants disagree for at least the following reasons.

First, as discussed above regarding the rejection of Claims 1 and 12, **Paddon** teaches providing codes to two different devices: a device-dependent code to the device and a device-independent code to a server. Applicant has amended the claim to recite that all codes are provide to the device having a display. There is no teaching or suggestion of providing both device-dependent and device-independent code to the device having a display, as claimed.

Second, as discussed above regarding the rejection of Claims 1 and 12, there is no motivation within the references to provide such codes to the device having a display.

Third, as discussed above regarding the rejection of Claims 1 and 12, the modifications recited in the Office Action change the principle of operation of the prior art, and thus the teachings of the references are not sufficient to render the claims *prima facie* obvious.” (see MPEP 2143.01 VI)

For at least any of these reasons, a *prima facie* case of obviousness cannot be made against the claims, and Applicants request that the rejection under 35 U.S.C. 103(a) over **McCain** in view of **Benedetti** and **Paddon**, of Claim 23, as amended, and of Claims 24-28, which depend on independent Claim 23 be withdrawn.

**In paragraph 4 of the Office Action**, Claims 4, 8-9, 15, and 19-20 were rejected under 35 U.S.C. 103(a) as being unpatentable over **McCain**, **Benedetti**, and **Paddon**, as applied to above claim 1, further in view of **Delpuch**. Claims 4 and 8-9 depend on Claim 1, and Claims 15 and 19-20 depend on Claim 12. Independent Claims 1 and 12 are currently amended to more clearly recite the claimed invention. Applicant respectfully submits that the claims are patentable for the following reasons.

**Delpuch** teaches a system to enable authoring of content within an interactive television environment.

***Delpuch*** does not remedy the deficiencies in the other cited references, and for any of the reasons presented above, a *prima facie* case of obviousness cannot be made against the claims. Applicants respectfully request that the rejection under 35 U.S.C. 103(a) be withdrawn of Claims 4 and 8-9, which depend on independent Claim 1, and Claims 15 and 19-20 which depend on independent Claim 12.

Applicants respectfully submit that the application is in condition for allowance and action to that end is respectfully solicited. If the Examiner should feel that a telephone interview would be productive in resolving any issues in the case, please telephone the undersigned at the number listed below.

Respectfully submitted,

January 16, 2014

1563 Solano Ave., #206  
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/Steven R. Vosen/  
Steven R. Vosen  
Registration No. 45,186

Electronic Acknowledgement Receipt	
EFS ID:	17938858
Application Number:	12936395
International Application Number:	
Confirmation Number:	2369
Title of Invention:	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Steven H. Rempell
Customer Number:	40280
Filer:	Steven R Vosen/Christine Chan
Filer Authorized By:	Steven R Vosen
Attorney Docket Number:	XPR.002US0
Receipt Date:	17-JAN-2014
Filing Date:	03-NOV-2010
Time Stamp:	14:48:29
Application Type:	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	no				
<b>File Listing:</b>					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	XPR002US0_Transmittal_Form.pdf	294471 190649c5ef3d9ef8d55781e1c6954d1a45e48f2e	no	2
<b>Warnings:</b>					
<b>Information:</b>					

2		XPR002_Resp_OA_2013_10_18_v4.pdf	166005	yes	15
			d1f974c80fb9f76742061b50898968ee0f22bda		
<b>Multipart Description/PDF files in .zip description</b>					
		<b>Document Description</b>	<b>Start</b>	<b>End</b>	
		Amendment/Req. Reconsideration-After Non-Final Reject	1	1	
		Claims	2	7	
		Applicant Arguments/Remarks Made in an Amendment	8	15	
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			460476		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>  If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>  If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>  If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	12/936,395
	Filing Date	November 3, 2010
	First Named Inventor	Steven H. Rempell
	Art Unit	2178
	Examiner Name	Xuyang Xia
Total Number of Pages in This Submission	Attorney Docket Number	XPR.002US0

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks This Response is in reply to the Office Action that was mailed on October 18, 2013		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name		
Signature	/Steven R. Vosen/	
Printed name	Steven R. Vosen	
Date	January 16, 2014	Reg. No. 45,186

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name		Date	

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## Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



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<b>PATENT APPLICATION FEE DETERMINATION RECORD</b> Substitute for Form PTO-875					Application or Docket Number <b>12/936,395</b>		Filing Date <b>11/03/2010</b>		<input type="checkbox"/> To be Mailed	
ENTITY: <input type="checkbox"/> LARGE <input checked="" type="checkbox"/> SMALL <input type="checkbox"/> MICRO										
<b>APPLICATION AS FILED – PART I</b>										
(Column 1)			(Column 2)							
FOR		NUMBER FILED	NUMBER EXTRA			RATE (\$)	FEE (\$)			
<input type="checkbox"/> BASIC FEE (37 CFR 1.16(a), (b), or (c))		N/A	N/A			N/A				
<input type="checkbox"/> SEARCH FEE (37 CFR 1.16(k), (i), or (m))		N/A	N/A			N/A				
<input type="checkbox"/> EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		N/A	N/A			N/A				
TOTAL CLAIMS (37 CFR 1.16(i))		minus 20 =	*			X \$ =				
INDEPENDENT CLAIMS (37 CFR 1.16(h))		minus 3 =	*			X \$ =				
<input type="checkbox"/> APPLICATION SIZE FEE (37 CFR 1.16(s))		If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$310 (\$155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))										
* If the difference in column 1 is less than zero, enter "0" in column 2.						TOTAL				
<b>APPLICATION AS AMENDED – PART II</b>										
(Column 1)			(Column 2)			(Column 3)				
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)		
	Total (37 CFR 1.16(i))	*	Minus	**	=	X \$ =				
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X \$ =				
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))									
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
						TOTAL ADD'L FEE				
(Column 1)			(Column 2)			(Column 3)				
AMENDMENT	<b>01/17/2014</b>	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)		ADDITIONAL FEE (\$)		
	Total (37 CFR 1.16(i))	* 28	Minus	** 28	= 0	X \$40 =		0		
	Independent (37 CFR 1.16(h))	* 3	Minus	*** 3	= 0	X \$210 =		0		
	<input type="checkbox"/> Application Size Fee (37 CFR 1.16(s))									
	<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))									
						TOTAL ADD'L FEE		<b>0</b>		
<p>* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.</p> <p>** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".</p> <p>*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".</p> <p>The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.</p>										

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/936,395	11/03/2010	Steven H. Rempell	XPR.002US0	2369
40280	7590	03/11/2014		
STEVEN VOSEN 1563 SOLANO AVENUE #206 BERKELEY, CA 94707			EXAMINER XIA, XUYANG	
			ART UNIT 2178	PAPER NUMBER
			MAIL DATE 03/11/2014	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 12/936,395	<b>Applicant(s)</b> REMPELL ET AL.	
	<b>Examiner</b> XUYANG XIA	<b>Art Unit</b> 2178	<b>AIA (First Inventor to File) Status</b> No

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 1/17/2014.  
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on \_\_\_\_.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on \_\_\_\_; the restriction requirement and election have been incorporated into this action.
- 4) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims\*

- 5) ☒ Claim(s) 1-28 is/are pending in the application.  
5a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 6) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 7) ☒ Claim(s) 1-28 is/are rejected.
- 8) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 9) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

\* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see [http://www.uspto.gov/patents/init\\_events/pph/index.jsp](http://www.uspto.gov/patents/init_events/pph/index.jsp) or send an inquiry to [PPHfeedback@uspto.gov](mailto:PPHfeedback@uspto.gov).

### Application Papers

- 10) ☐ The specification is objected to by the Examiner.
- 11) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

#### Certified copies:

- a) ☐ All    b) ☐ Some\*\*    c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\*\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                               | 3) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) | Paper No(s)/Mail Date. ____.                            |
| Paper No(s)/Mail Date ____.  | 4) <input type="checkbox"/> Other: ____.                |

### DETAILED ACTION

This final rejection is in response to the amendment filed on: 1/17/2014.

Claims 1, 2, 12, 13 and 23 are amended. Thus, claims 1-28 are pending.

Claims **1-3,5-7,10-14,16-18,21-28** remain rejected under 35 U.S.C. 103(a) as being unpatentable over **McCain US Patent Application Publication No.: 2005/0273705** in view of **Benedetti US 2005/0149935 and Paddon et al. US Patent Application Publication No: 2006/0063518.**

Claims **4,8-9,15,19-20** remain rejected under 35 U.S.C. 103(a) as being unpatentable over **McCain US Patent Application Publication No.: 2005/0273705, Benedetti US 2005/0149935 and Paddon et al. US Patent Application Publication No: 2006/0063518** as applied to above claim 1, further in view of **Delpuch et al. US Patent Application Publication No.: 2004/0055017.**

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

2. Claims **1-3,5-7,10-14,16-18,21-28** are rejected under 35 U.S.C. 103(a) as being unpatentable over **McCain US Patent Application Publication No.: 2005/0273705** in view of **Benedetti US 2005/0149935 and Paddon et al. US Patent Application Publication No: 2006/0063518.**

In regard to claim 1, McCain discloses the claimed invention (Currently Amended): A system ([0002]) for generating code ([0081]) to provide content on a display of a device, ([0041], [0042]) said system comprising: computer memory ([0076]) storing ~~a database including~~ a registry of: ([0081], [0113], see below for a registry) an authoring tool ([0023]) configured to: define a user interface (UI) object for presentation on the display, ([0072]) produce an Application ([0109]-[0113]) including the selected symbolic name of the defined UI object, ([0129])

But McCain fails to explicitly teach “a registry, a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a networks, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and b) the address of the web service; where said UI object corresponds to a the web component included in said registry selected from the group consisting of an input of the web service and an output of the web service, access said computer memory to select the symbolic name corresponding to the web component of the defined UI object, associate the selected symbolic name with the defined UI object, produce an Application including the selected symbolic name of the defined UI object, where said Application is a device-independent code, and produce a

Player, where said Player is a device-dependent code; such that, when the Application and Player are provided to the device and executed on the device, and when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object, 1) the device provides the user provided one or more input values and corresponding input symbolic name to the web service, 2) the web service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name, 3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device to present an output value in the defined UI object.”

Benedetti discloses a registry, ([0021]) a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a networks, (Abstract, [0070], [0035], [0036], [0051]) where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, (Abstract, [0070]) and b) the address of the web service; (Abstract, [0023], [0024]) where said UI object (see above for UI object) corresponds to a the web component included in said registry selected from the group consisting of an input of the web service and an output of the web service ([0021], [0022]) access said computer memory ([0065]) select the symbolic name corresponding to the web component (Abstract) of the defined UI object, (see above) associate the selected symbolic name with the defined UI object, ([0014]) and produce a Player, where said Player is a device-dependent code; ([0073], [0074]) such

that, when the Application (see above) and Player are provided to the device and executed on the device, ([0073], [0074]) and when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object, ([0032]-[0037]) 1) the device provides the user provided one or more input values and corresponding input symbolic name to the web service, ([0040]-[0044]) the web ~~component on the~~ service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name, ([0035]-[0041] 3) said Player receives the output symbolic name ([0040]-[0042],[0058]) and corresponding one or more output values and provides instructions for a display of the device ([0065]) to present an output value in the defined UI object. (see above for the UI object, [0074], [0075])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Benedetti's scheduler supporting web service invocation and McCain's invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Benedetti's method to invocation of a web service would provide more input and output control mechanism to McCain's creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that standardizing the invocation of a web service would help to deploy more software applications based on the defined input and output method.

Paddon et al. teach produce an Application, where said Application is a device-independent code, ([0010]) and produce a Player, where said Player is a device-dependent code, ([0010],[0011], UI engine) such that, when the Application and Player are provided to the device and executed on the device, ([0010],[0011])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Paddon et al.'s developing and deploying device independent applications into Benedetti's scheduler supporting web service invocation and McCain's invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Paddon et al.'s developing device independent applications would save the developers with significant time and resources to McCain's creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that developing and deploying device independent applications would enable developers to efficiently develop, deploy and maintain one instance of an application that can execute on multiple mobile communication platforms.

In regard to claim 2, (Currently Amended) McCain, Benedetti and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

McCain fails to explicitly teach "where said ~~database~~ registry includes definitions of input and/or output related to said web service."



Benedetti teaches where said ~~database~~ registry includes definitions of input and/or output related to said web service. ([0021], [0022])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Benedetti's scheduler supporting web service invocation into Paddon et al.'s developing and deploying device independent applications and McCain's invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Benedetti's method to invocation of a web service would provide more input and output control mechanism to McCain's creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that standardizing the invocation of a web service would help to deploy more software applications based on the defined input and output method.

In regard to claim 3, McCain, Benedetti and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

McCain also teaches where said web component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed. (Paragraph [0071],[0072])

In regard to claim 5, McCain, Benedetti and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

McCain also teaches where said UI object is an input field (paragraph [0015]) for a web service.(Fig.3, paragraph [0079],[0136])

In regard to claim 6, McCain, Benedetti and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

McCain also teaches where said UI object is an input field usable to obtain said web component, where said input field includes a text field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button.(Fig. 3, paragraph [0078],[0079],[0080])

In regard to claim 7, McCain, Benedetti and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

McCain also teaches where said web component is an output of a web service, (paragraph [0128], [0129]) is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.(Paragraph [0071], [0072])

In regard to claim 10, McCain, Benedetti and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

But McCain fails to explicitly teach “where said code includes three or more codes, where one of said third or more codes is device specific, and where two of said three or more codes in device independent.”

Paddon et al. teach where said code includes three or more codes, (paragraph [0010], [0011]) where one of said third or more codes is device specific, (paragraph [0010]) and where two of said three or more codes in device independent.(Paragraph [0010],[0026])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Paddon et al.'s developing and deploying device independent applications into Benedetti's scheduler supporting web service invocation and McCain's invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Paddon et al.'s developing device independent applications would save the developers with significant time and resources to McCain's creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that developing and deploying device independent applications would enable developers to efficiently develop, deploy and maintain one instance of an application that can execute on multiple mobile communication platforms.

In regard to claim 11, McCain, Benedetti and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein. McCain also teaches where said code is provided over said network.(Paragraph [0022])

In regard to claim 12, McCain discloses the claimed invention (Currently Amended): A method for displaying content on a device ([0041], [0042]) utilizing a ~~database~~ ([0081], [0113]) defining a user interface (UI) object for presentation on the display, ([0072] producing an Application including the selected symbolic name of the defined UI object, ([0129]) where said Application is a device-dependent code.([0075], [0076])

But McCain fails to explicitly teach “~~a database including~~ a registry of one or more web components related to inputs and/or outputs of a web service obtainable over a network, where each web component includes the symbolic names of inputs and/or outputs associated with each web service, and where the registry includes: a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a network, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and b) the address of the web service, said method comprising: where said UI object corresponds to the web component included in said registry selected from the group consisting of an input of the web service and an output of the web service; selecting a symbolic name from said web component corresponding to the defined UI object; associating the selected symbolic name with the defined UI object; and producing a Player, where said Player is a device-dependent code; such that, when the Application and Player are provided to the device and executed on the device, and when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object, 1) the device provides the user provided one or more input values and corresponding input symbolic name to the of web service, 2) the web service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name, 3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device to present an output value in the defined UI object.”

Benedetti discloses a database ([0065]) including a registry ([0021]) of one or more web components related to inputs and/or outputs of a web service obtainable over a network, (Abstract, [0070], [0035], [0036], [0051]) where each web component includes the symbolic names of inputs and/or outputs associated with each web service, (Abstract, [0070]) and where the registry includes: ([0065]) a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a network, (Abstract, [0070], [0035], [0036], [0051]) where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, (Abstract, [0070]) and b) the address of the web service, (Abstract, [0023], [0024]) said method comprising: where said UI object (see above for UI object) corresponds to the web component included in said registry selected from the group consisting of an input of the web service and an output of the web service;([0021], [0022]) selecting a symbolic name from said web component corresponding to the defined UI object; (Abstract) associating the selected symbolic name with the defined UI object; ([0014]) and producing a Player, where said Player is a device-dependent code; ([0073], [0074]) such that, when the Application (see above) and Player are provided to the device and executed on the device, ([0073], [0074]) and when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object, ([0032]-[0037]) 1) the device provides the user provided one or more input values and corresponding input symbolic name to the of web service, ([0040]-[0044]) 2) the web service utilizes the input symbolic name and the user provided one or more

input values for generating one or more output values having an associated output symbolic name, ([0035]-[0041] 3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device ([0065]) to present an output value in the defined UI object. (see above for the UI object, [0074], [0075])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Benedetti's scheduler supporting web service invocation and McCain's invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Benedetti's method to invocation of a web service would provide more input and output control mechanism to McCain's creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that standardizing the invocation of a web service would help to deploy more software applications based on the defined input and output method.

Paddon et al. teach produce a Player, where said Player is a device-dependent code, ([0010],[0011], UI engine) such that, when the Application and Player are provided to the device and executed on the device, ([0010],[0011])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Paddon et al.'s developing and deploying device independent applications into Benedetti's scheduler supporting web service invocation and McCain's invention as they are related to the same field endeavor of designing,

implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Paddon et al.'s developing device independent applications would save the developers with significant time and resources to McCain's creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that developing and deploying device independent applications would enable developers to efficiently develop, deploy and maintain one instance of an application that can execute on multiple mobile communication platforms.

In regard to claim 13, (Currently Amended) McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein.

But McCain fails to explicitly teach "where said ~~database~~ registry includes definitions of input and/or output related to said web service."

Benedetti teaches where said ~~database~~ registry includes definitions of input and/or output related to said web service. ([0021], [0022])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Benedetti's scheduler supporting web service invocation into Paddon et al.'s developing and deploying device independent applications and McCain's invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Benedetti's method to invocation of a web service would provide more input and output control mechanism to

McCain's creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that standardizing the invocation of a web service would help to deploy more software applications based on the defined input and output method.

In regard to claim 14, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches where said web component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed. (Paragraph [0071], [0072])

In regard to claim 16, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches where said UI object is an input field (paragraph [0015]) for a web service. (Fig.3, paragraph [0078],[0079],[0136])

In regard to claim 17, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches where said UI object is an input field usable to obtain said web component, where said input field includes a text field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button. (Fig. 3, paragraph [0078],[0079],[0080])

In regard to claim 18, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches where said web component is an output of a web service, (paragraph [0128], [0129]) is the text provided by one or more simultaneous chat sessions, is the



video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement. (Paragraph [0072])

In regard to claim 21, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein.

But McCain fails to explicitly teach “and such that said Player interprets dynamically received device device independent Application.”

Paddon et al. teach and such that said Player interprets dynamically received device independent Application. (Paragraph [0010],[0011],[0017])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Paddon et al.’s developing and deploying device independent applications into Benedetti’s scheduler supporting web service invocation and McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Paddon et al.’s developing device independent applications and device dependent players would save the developers with significant time and resources to McCain’s creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that developing and deploying device independent applications and device dependent players would enable developers to efficiently develop, deploy and maintain one instance of an application that can execute on multiple mobile communication platforms.

In regard to claim 22, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein. McCain also teaches further comprising: providing said Application ([0109]-[0113]) over said network. (Paragraph [0022])

But McCain fails to explicitly teach “providing said Player.”

Paddon et al. teach providing said Player. (Paragraph [0010],[0011], UI engine)

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Paddon et al.’s developing and deploying device independent applications into Benedetti’s scheduler supporting web service invocation and McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Paddon et al.’s developing device independent applications and device dependent players would save the developers with significant time and resources to McCain’s creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that developing and deploying device independent applications and device dependent players would enable developers to efficiently develop, deploy and maintain one instance of an application that can execute on multiple mobile communication platforms.

In regard to claim 23, McCain discloses the claimed invention (Currently Amended): A method for providing information to a device having a display ([0015],

[0042]) from a web component of a web service ([0072],[0073],[0080],[0136]) to a device on a network, ([0002])

But McCain fails to explicitly teach “said method comprising: accepting, on the device, a first code over the network, where said first code is device- dependent; accepting, on the device, a second code over the network, where said second code is device-independent and includes the symbolic names of inputs and/or outputs associated with the web service; and executing said first code on the device, where the symbolic names are provided from ~~a database including~~ a registry of one or more web components related to inputs and/or outputs of a web service obtainable over a network, where the web service requires both an input symbolic name and one or more associated input values and returns one or more output values having an associated output symbolic name, and where the registry includes: a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a network, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and b) the address of the web service; where said executing includes: processing said symbolic names of the second code on the device, transmitting processed instructions from the device to the web service, and accepting a third code on the device over the network, where said third code is a device-independent third code including the output of the web component provided by the web service over the network and in response to the second code.”

Paddon et al. teach said method comprising: accepting, on the device, a first code over the network, where said first code is device- dependent; (paragraph [0005], [0010], [0011], UI engine) accepting, on the device, a second code over the network, where said second code is device-independent, (paragraph [0005], [0010], [0011]) and executing said first code on the device, (paragraph [0010],[0011]) where said executing includes: processing said symbolic names of the second code on the device, (paragraph [0010], [0011],[0014],[0015], see below for said symbolic names) transmitting processed instructions from the device to the web service, (paragraph [0010], [0011],[0014], [0026]) and accepting a third code on the device, over the network, (paragraph [0010], [0011],[0014],[0026]) where said third code is a device-independent third code including the output of the web component provided by the web service over the network and in response to the second code. (Paragraph [0010],[0011],[0014],[0026])

Benedetti discloses and includes the symbolic names of inputs and/or outputs associated with the web service; (Abstract, [0070], [0035], [0036], [0051]), where the symbolic names are provided from ~~a database including~~ a registry ([0021]) of one or more web components related to inputs and/or outputs of a web service obtainable over a network, (Abstract, [0070], [0035], [0036], [0051], [0065]) where the web service requires both an input symbolic name and one or more associated input values and returns one or more output values having an associated output symbolic name, and where the registry includes: ([0032]-[0044]) a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service

obtainable over a network, (Abstract, [0070], [0035], [0036], [0051] )where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, (abstract, [0070]) and b) the address of the web service; (Abstract, [0023], [0024])

In regard to claim 24, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 23, the rejection is incorporated herein.

McCain also teaches where said third code is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed. (Paragraph [0072])

In regard to claim 25, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 23, the rejection is incorporated herein.

McCain also teaches where said third code is an output of a web service, (paragraph [0129]) is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement. (Paragraph [0072])

In regard to claim 26, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 23, the rejection is incorporated herein.

McCain also teaches where said first code and said second code are generated using an authoring tool. (Paragraph [0071],[0079])

In regard to claim 27, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 23, the rejection is incorporated herein.

McCain also teaches where said first code is a Player.(paragraph [0072], non-binary component is interpreted as a Player)

In regard to claim 28, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 23, the rejection is incorporated herein,

But McCain fails to explicitly teach “where said second code is an Application which includes one or more web components.”

Paddon et al. teach where said second code is an Application which includes one or more web components. (Paragraph [0010]-[0015])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Paddon et al.’s developing and deploying device independent applications into Benedetti’s scheduler supporting web service invocation and McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Paddon et al.’s developing device independent applications would save the developers with significant time and resources to McCain’s creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that developing and deploying device independent applications would enable developers to efficiently develop, deploy and maintain one instance of an application that can execute on multiple mobile communication platforms.

3. Claims **4,8-9,15,19-20** are rejected under 35 U.S.C. 103(a) as being unpatentable over **McCain US Patent Application Publication No.: 2005/0273705, Benedetti US 2005/0149935 and Paddon et al. US Patent Application Publication**

**No: 2006/0063518** as applied to above claim 1, further in view of **Delpuch et al. US**  
**Patent Application Publication No.: 2004/0055017.**

In regard to claim 4, McCain, Benedetti and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein.

But McCain fails to explicitly teach “where said UI object is an input field for a chat.”

Delpuch et al. teach where said UI object is an input field for a chat. (Paragraph [0106])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Delpuch et al.’s generating and transmitting authoring data associated with distributed content into Paddon et al.’s developing and deploying device independent applications, Benedetti’s scheduler supporting web service invocation and McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying content. The motivation to combine these arts, as proposed above, at least because Delpuch et al.’s capability to provide input field for a chat would provide the user with real-time interactions to McCain’s creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that providing an input field for chat would give the user with more ways of real-time communication to the web service application.

In regard to claim 8, McCain, Benedetti and Paddon et al. together discloses the claimed invention the system of Claim 1, the rejection is incorporated herein, McCain also teaches where said authoring tool (paragraph [0023]).

But McCain fails to explicitly teach “is further configured to: define a phone field or list; and generate code that, when executed on the device, allows a user to supply a phone number to said phone field or list.”

Delpuch et al. teach is further configured to: define a phone field or list; (paragraph [0086]) and generate code that, when executed on the device, allows a user to supply a phone number to said phone field or list.(Paragraph [0081])

It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Delpuch et al.’s generating and transmitting authoring data associated with distributed content into Paddon et al.’s developing and deploying device independent applications, Benedetti’s scheduler supporting web service invocation and McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying content. The motivation to combine these arts, as proposed above, at least because Delpuch et al.’s phone field would provide an address or identification associated with the content distributed to McCain’s creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that providing a phone field would provide the system with a way to authorize the content distributed to the web service application.



In regard to claim 9, McCain, Benedetti and Paddon et al. together disclose the claimed invention the system of Claim 1, the rejection is incorporated herein, McCain also teaches where said authoring tool (paragraph [0023]).

But McCain fails to explicitly teach “is further configured to: define a SMS field or list; and generate code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list.”

Delpuch et al. teach is further configured to: define a SMS field or list; (paragraph [0086]) and generate code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list. (Paragraph [0069] It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Delpuch et al.’s generating and transmitting authoring data associated with distributed content into Paddon et al.’s developing and deploying device independent applications, Benedetti’s scheduler supporting web service invocation and McCain’s invention as they are related to the same field endeavor of designing, implementing and deploying content. The motivation to combine these arts, as proposed above, at least because Delpuch et al.’s SMS field would provide the user with real-time interactions to McCain’s creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that providing a SMS field would give the user with more ways of real-time communication to the web service application.

In regard to claim 15, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein.

But McCain fails to explicitly teach “where said object is an input field for a chat.”

Delpuch et al. teach where said object is an input field for a chat. (Paragraph [0106])

In regard to claim 19, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein.

But McCain fails to explicitly teach “further comprising: defining a phone field or list; and generating code that, when executed on the device, allows a user to supply a phone number to said phone field or list.”

Delpuch et al. teach further comprising: defining a phone field or list; (paragraph [0086]) and generating code that, when executed on the device, allows a user to supply a phone number to said phone field or list. (Paragraph [0081])

In regard to claim 20, McCain, Benedetti and Paddon et al. together disclose the claimed invention the method of Claim 12, the rejection is incorporated herein.

But McCain fails to explicitly teach “further comprising: defining a SMS field or list; and generating code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list.”

Delpuch et al. teach further comprising: defining a SMS field or list; (paragraph [0086]) and generating code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list. (Paragraph [0069])

### ***Response to Arguments***

Applicant's arguments filed on 1/17/2014 with respect to claims 1-28 have been fully considered but they are not persuasive.

With respect to claim 1, the applicant's first set of argument states "Paddon teaches providing device-dependent code to a device with a display and providing device-independent code to a server, and not the device having a display. There is thus no teaching to provide a Player and an Application to a device with a display." The examiner respectfully disagrees, paragraph [0013] of Paddon discloses "When a user downloads an application into a mobile communication device, an embodiment of the invention allows for a UI Engine for the specific type of mobile communication device to be transparently downloaded before the first UI component of the application (for example a splash screen) is downloaded. In other embodiments, the UI Engine is downloaded at the factory, by beaming from a cell phone or by infrared transfer to the mobile communication device. Any other method of downloading an application to a mobile communications device is in keeping with the spirit of the invention. Download of the UI Engine may also be part of the download of an application and a user may not be aware that a UI Engine has been downloaded." The UI engine is a Player and it provides a device-dependent code, and the application is a device-independent code, it deploys on the mobile communication devices. Paddon provides device-independent code to the device having a display. Paddon discloses that providing both a Player and an Application to a device with a display. Therefore, the applicant's argument is not persuasive.

The applicant contiguously argues that "There is also no suggestion in the references of sending both a Player and an Application to a device having a display." As discussed above, paragraph [0013] of Paddon discloses "When a user downloads an

application into a mobile communication device, an embodiment of the invention allows for a UI Engine for the specific type of mobile communication device to be transparently downloaded before the first UI component of the application (for example a splash screen) is downloaded. In other embodiments, the UI Engine is downloaded at the factory, by beaming from a cell phone or by infrared transfer to the mobile communication device. Any other method of downloading an application to a mobile communications device is in keeping with the spirit of the invention. Download of the UI Engine may also be part of the download of an application and a user may not be aware that a UI Engine has been downloaded.” Therefore Paddon discloses sending both a Player and an Application to a device having a display. Therefore, the applicant’s argument is not persuasive.

The applicant argues next stating "See, for example, FIG. 1, and col. 5, line 50 to col. 6, line 15. There is no teaching or suggestion in Paddon to provide both the Player and Application to a single device, as claimed. (The Applicants' note that the Office Action cites paragraph numbers in Paddon, but no such paragraph number exist in Paddon.)” The examiner notices that Paddon's reference is a US Publication. It should not have col. 5, line 50 to col. 6, line 15. etc. Therefore, the applicant’s argument is not persuasive.

The applicant’s second set of arguments states “Applicants assert that the motivation for combining the references is lacking....Thus while the Office Action states the motivation to provide "more input and output control mechanisms" (emphasis added), it is not clear that even if the proposed modification were accomplished, that the

resulting invention would provide more input and output control mechanisms.” The examiner respectfully disagrees. Abstract of Benedetti discloses “The present invention proposes a method and a corresponding system for scheduling invocation of web services from a central point of control. For this purpose, a scheduler (205) accesses a workload database (220), which associates an execution agent (210) and a descriptor (240) with each job to be submitted. In the proposed solution, the descriptor identifies a desired web service (255) and the address of the corresponding WSDL document (245), which specify the structure of the messages supported by the web service (for example, conforming to the SOAP specification); the descriptor also includes the actual content of a request message to be passed to the web service. Whenever the job is submitted for execution (according to a predefined plan), the scheduler sends its descriptor to the associated agent. In response thereto, the agent downloads the WSDL document of the corresponding web service; a request message (250) for the web service is then built embedding the desired content into the structure specified in the WSDL document. The agent sends the request message to an endpoint implementing the web service (as specified in the WSDL document), so as to cause its invocation.” Benedetti provides a standard way to invoke web services. It helps to provide an input and output communication interface to make the web services easily deployed. Therefore it provides more input and output control mechanisms to help invocation of web services. It would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate Benedetti’s scheduler supporting web service invocation and McCain’s invention as they are related to the same field

endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Benedetti's method to invocation of a web service would provide more input and output control mechanism to McCain's creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that standardizing the invocation of a web service would help to deploy more software applications based on the defined input and output method. Therefore, the applicant's argument is not persuasive.

The applicant contiguously argues "McCain has clearly solved the problem of easily modifying solutions using McCain's solution file structure. The Applicants' therefore can find no motivation in modifying the structure of the solution to save developer's time and resources." The examiner respectfully disagrees. Paragraph [0071] of McCain discloses "The network software application creation system 10 also includes one or more solution servers 36 (one of which is illustrated) with one or more associated databases 36' including a library of pre-existing solutions. The one or more solution servers 36 are used to allow storage of new solutions and retrieval of existing solutions created by the solution engine 16 that provide new electronic content and new functionality for a web-site that is being created or enhanced." McCain has the capability to modifying solutions, Paddon provides more solutions for McCain to modify. Therefore the combination of McCain and Paddon would have more applications to manipulate. Therefore it saves developer's time and resources to create new applications. It would have been obvious to one having ordinary skill in the art at the time the invention was

made to incorporate Paddon et al.'s developing and deploying device independent applications into Benedetti's scheduler supporting web service invocation and McCain's invention as they are related to the same field endeavor of designing, implementing and deploying network software applications. The motivation to combine these arts, as proposed above, at least because Paddon et al.'s developing device independent applications would save the developers with significant time and resources to McCain's creating web service application. Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made that developing and deploying device independent applications would enable developers to efficiently develop, deploy and maintain one instance of an application that can execute on multiple mobile communication platforms. Therefore, the applicant's argument is not persuasive.

The applicant's third argument states "the modifications recited in the Office Action change the principle of operation of the prior art, and thus the teachings of the references are not sufficient to render the claims prima facie obvious. (see MPEP 2143.01 VI)" The examiner respectfully disagrees. The modifications recited do not change the principle of operation of the prior arts. See the discussions above, the combination makes perfect sense. Benedetti reference provides a more robust input and output control mechanisms to invoke the web services and Paddon provides more device independent applications. The combination of McCain, Benedetti and Paddon would help to easily invoke more web services on the mobile communication platforms. Therefore, the applicant's argument is not persuasive.

With respect to claim 10, the applicant argues “the Office Action states that Paddon teaches providing three or more codes. Applicants respectfully disagree and can find no such teaching in Paddon.” Paragraph [0028] of Paddon disclose “Rule interface component 131 comprises adapters for communicating with disparate content providers 160, 161, 162 and 163. There is no limit to the number of types of mobile communication devices or content providers coupled with the system. Rule interface component 131 obtains rule sets from workflow module 200 (see FIG. 2). Each rule set 150 combined with content from one or more content providers (for example content provider 160) yields a User Interface (UI) component, which is also known as a dashboard. Each rule set 150 is independent of a device specific operating system such as operating system 170 for example.” The first code is device-dependent UI engine, the second code is device-independent application as discussed above, the third code is device-independent rule set. Therefore Paddon provides three or more codes. Therefore, the applicant’s argument is not persuasive.

Applicant’s argument that independent claim 12, with similar elements as claim 1, and thus are allowable, is not persuasive, since claim 1 has been shown to be rejected.

Applicant’s argument that independent claim 23, with similar elements as claim 1, and thus are allowable, is not persuasive, since claim 1 has been shown to be rejected.

Applicant’s arguments that the remaining dependent claims are allowable since they directly or indirectly dependent upon one of the independent claims 1, 12 and 23 is not persuasive, since the independent claims 1, 12 and 23 have been shown/explained to be rejected.



***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to XUYANG XIA whose telephone number is (571)270-3045. The examiner can normally be reached on Monday-Friday 7:30am-5pm, every other Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong can be reached on (571)272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/XUYANG XIA/  
Examiner, Art Unit 2178

/KYLE STORK/  
Primary Examiner, Art Unit 2178

<b>Search Notes</b> 	<b>Application/Control No.</b> 12936395	<b>Applicant(s)/Patent Under Reexamination</b> REMPELL ET AL.
	<b>Examiner</b> XUYANG XIA	<b>Art Unit</b> 2178

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
715	738	9/11/2012	

SEARCH NOTES		
Search Notes	Date	Examiner
Inventor Name Search for Double Patenting	9/10/2012	
EAST Search	9/11/2012	
EAST Search	3/18/2013	
EAST Search	10/1/2013	
EAST Search	2/20/2014	

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

/XUYANG XIA/ Examiner.Art Unit 2178	
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<p><b><i>Index of Claims</i></b></p> 	<p><b>Application/Control No.</b></p> <p>12936395</p>	<p><b>Applicant(s)/Patent Under Reexamination</b></p> <p>REMPELL ET AL.</p>
	<p><b>Examiner</b></p> <p>XUYANG XIA</p>	<p><b>Art Unit</b></p> <p>2178</p>

✓	<b>Rejected</b>	-	<b>Cancelled</b>	N	<b>Non-Elected</b>	A	<b>Appeal</b>
=	<b>Allowed</b>	÷	<b>Restricted</b>	I	<b>Interference</b>	O	<b>Objected</b>

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant						<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47	
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## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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S30	1589	authoring adj tool web adj server	US-PGPUB; USPAT	AND	ON	2013/03/12 16:42
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S33	239	authoring adj tool web adj service mobile user adj interface	US-PGPUB; USPAT	AND	ON	2013/03/12 16:42
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S44	2	"20030233349"	US- PGPUB; USPAT	OR	ON	2013/10/01 15:53

**EAST Search History (Interference)**

&lt; This search history is empty &gt;

**2/ 20/ 2014 1:28:35 PM****C:\ Users\ xxia\ Documents\ EAST\ Workspaces\ 12936395.wsp**

<b>NOTICE OF APPEAL FROM THE EXAMINER TO THE BOARD OF PATENT APPEALS AND INTERFERENCES</b>		Docket Number (Optional)  XPR.002US0						
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____ Signature _____ Typed or printed name _____	In re Application of <b>SYSTEMS AND METHODS FOR PRESENTING INFO</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">Application Number 12/936,395</td> <td style="width: 50%; padding: 2px;">Filed November 3, 2010</td> </tr> <tr> <td colspan="2" style="padding: 2px;">For <b>Steven H. Rempell</b></td> </tr> <tr> <td style="padding: 2px;">Art Unit 2178</td> <td style="padding: 2px;">Examiner Xuyang Xia</td> </tr> </table>		Application Number 12/936,395	Filed November 3, 2010	For <b>Steven H. Rempell</b>		Art Unit 2178	Examiner Xuyang Xia
Application Number 12/936,395	Filed November 3, 2010							
For <b>Steven H. Rempell</b>								
Art Unit 2178	Examiner Xuyang Xia							
Applicant hereby <b>appeals</b> to the Board of Patent Appeals and Interferences from the last decision of the examiner.								
The fee for this Notice of Appeal is (37 CFR 41.20(b)(1)) <span style="float: right;">\$ 800 _____</span>								
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee shown above is reduced by half, and the resulting fee is: <span style="float: right;">\$ 400 _____</span>								
<input type="checkbox"/> A check in the amount of the fee is enclosed.								
<input checked="" type="checkbox"/> Payment by credit card. <del>Form PTO-2038 is attached.</del> <b>Via EFS Website</b>								
<input type="checkbox"/> The Director has already been authorized to charge fees in this application to a Deposit Account.								
<input type="checkbox"/> The Director is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. _____.								
<input checked="" type="checkbox"/> A petition for an extension of time under 37 CFR 1.136(a) (PTO/SB/22) is enclosed.								
<b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>								
I am the								
<input type="checkbox"/> applicant/inventor.	_____ /Steven R. Vosen/ Signature							
<input type="checkbox"/> assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)	_____ Steven R. Vosen Typed or printed name							
<input checked="" type="checkbox"/> attorney or agent of record. Registration number <u>45,186</u>	_____ (510) 841-4711 Telephone number							
<input type="checkbox"/> attorney or agent acting under 37 CFR 1.34. Registration number if acting under 37 CFR 1.34. _____	_____ May 27, 2014 Date							
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.								
<input type="checkbox"/> *Total of _____ forms are submitted.								

This collection of information is required by 37 CFR 41.31. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11, 1.14 and 41.6. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*



<b>PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)</b>		Docket Number (Optional) <b>XPR.002US0</b>																																		
Application Number <b>12/936,395</b>	Filed <b>November 3, 2010</b>																																			
For <b>SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES</b>																																				
Art Unit <b>2178</b>	Examiner <b>Xuyang Xia</b>																																			
<p>This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above-identified application.</p> <p>The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):</p> <table style="width: 100%; border-collapse: collapse;"><thead><tr><th></th><th style="text-align: center;"><u>Fee</u></th><th style="text-align: center;"><u>Small Entity Fee</u></th><th style="text-align: center;"><u>Micro Entity Fee</u></th><th></th></tr></thead><tbody><tr><td><input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))</td><td style="text-align: right;">\$200</td><td style="text-align: right;">\$100</td><td style="text-align: right;">\$50</td><td style="text-align: right;">\$ <u>100</u></td></tr><tr><td><input type="checkbox"/> Two months (37 CFR 1.17(a)(2))</td><td style="text-align: right;">\$600</td><td style="text-align: right;">\$300</td><td style="text-align: right;">\$150</td><td style="text-align: right;">\$ _____</td></tr><tr><td><input type="checkbox"/> Three months (37 CFR 1.17(a)(3))</td><td style="text-align: right;">\$1,400</td><td style="text-align: right;">\$700</td><td style="text-align: right;">\$350</td><td style="text-align: right;">\$ _____</td></tr><tr><td><input type="checkbox"/> Four months (37 CFR 1.17(a)(4))</td><td style="text-align: right;">\$2,200</td><td style="text-align: right;">\$1,100</td><td style="text-align: right;">\$550</td><td style="text-align: right;">\$ _____</td></tr><tr><td><input type="checkbox"/> Five months (37 CFR 1.17(a)(5))</td><td style="text-align: right;">\$3,000</td><td style="text-align: right;">\$1,500</td><td style="text-align: right;">\$750</td><td style="text-align: right;">\$ _____</td></tr></tbody></table> <p><input checked="" type="checkbox"/> Applicant asserts small entity status. See 37 CFR 1.27.</p> <p><input type="checkbox"/> Applicant certifies micro entity status. See 37 CFR 1.29. Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously.</p> <p><input type="checkbox"/> A check in the amount of the fee is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The Director has already been authorized to charge fees in this application to a Deposit Account.</p> <p><input type="checkbox"/> The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number _____.</p> <p><input checked="" type="checkbox"/> Payment made via EFS-Web.</p> <p><b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b></p> <p>I am the</p> <p><input type="checkbox"/> applicant.</p> <p><input checked="" type="checkbox"/> attorney or agent of record. Registration number <u>45,186</u>.</p> <p><input type="checkbox"/> attorney or agent acting under 37 CFR 1.34. Registration number _____.</p> <table style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%; padding: 5px;"><u>/Steven R. Vosen/</u> Signature</td><td style="width: 50%; padding: 5px;"><u>May 27, 2014</u> Date</td></tr><tr><td style="padding: 5px;"><u>Steven R. Vosen</u> Typed or printed name</td><td style="padding: 5px;"><u>(510) 841-4711</u> Telephone Number</td></tr></table> <p><b>NOTE:</b> This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.</p>				<u>Fee</u>	<u>Small Entity Fee</u>	<u>Micro Entity Fee</u>		<input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$200	\$100	\$50	\$ <u>100</u>	<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$600	\$300	\$150	\$ _____	<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$1,400	\$700	\$350	\$ _____	<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$2,200	\$1,100	\$550	\$ _____	<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$3,000	\$1,500	\$750	\$ _____	<u>/Steven R. Vosen/</u> Signature	<u>May 27, 2014</u> Date	<u>Steven R. Vosen</u> Typed or printed name	<u>(510) 841-4711</u> Telephone Number
	<u>Fee</u>	<u>Small Entity Fee</u>	<u>Micro Entity Fee</u>																																	
<input checked="" type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$200	\$100	\$50	\$ <u>100</u>																																
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<u>/Steven R. Vosen/</u> Signature	<u>May 27, 2014</u> Date																																			
<u>Steven R. Vosen</u> Typed or printed name	<u>(510) 841-4711</u> Telephone Number																																			
<input type="checkbox"/> * Total of _____ forms are submitted.																																				

This collection of information is required by 37 CFR 1.136(a). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Electronic Patent Application Fee Transmittal				
Application Number:		12936395		
Filing Date:		03-Nov-2010		
Title of Invention:		SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES		
First Named Inventor/Applicant Name:		Steven H. Rempell		
Filer:		Steven R Vosen/Christine Chan		
Attorney Docket Number:		XPR.002US0		
Filed as Small Entity				
U.S. National Stage under 35 USC 371 Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Notice of Appeal	2401	1	400	400
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
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<b>Miscellaneous:</b>				
<b>Total in USD (\$)</b>				<b>500</b>

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Application Number:	12936395
International Application Number:	
Confirmation Number:	2369
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First Named Inventor/Applicant Name:	Steven H. Rempell
Customer Number:	40280
Filer:	Steven R Vosen/Christine Chan
Filer Authorized By:	Steven R Vosen
Attorney Docket Number:	XPR.002US0
Receipt Date:	27-MAY-2014
Filing Date:	03-NOV-2010
Time Stamp:	19:56:41
Application Type:	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$ 500
RAM confirmation Number	7461
Deposit Account	
Authorized User	

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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<b>Information:</b>					
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<b>Information:</b>					
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<b>Information:</b>					
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<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			446545		
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	12/936,395
	Filing Date	November 3, 2010
	First Named Inventor	Steven H. Rempell
	Art Unit	2178
	Examiner Name	Xuyang Xia
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ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input checked="" type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Rempell ) Art Unit: 2143  
 )  
Serial No.: 12/936,395 ) Examiner: *XUYANG XIA*  
 )  
Filed: November 3, 2010 )  
 )  
For: SYSTEMS AND METHODS FOR )  
PRESENTING INFORMATION ON )  
MOBILE DEVICES

Appeal Brief filed under 37 C.F.R. § 1.192

Mail Stop Appeal Brief - Patents  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Per 37 C.F.R. § 41.37 Appellants submit the present Appeal Brief in furtherance of the Notice of Appeal filed in this case on May 27, 2014. Please charge any fees, including for an extension of time, in accordance with the accompanying Transmittal letter. This brief contains the following sections as required by 37 C.F.R. § 41.37 and MPEP § 1206:

- I. Real Party In Interest
- II. Related Appeals and Interferences
- III. Status of Claims
- IV. Status of Amendments

***Appeal Brief for SN: 12/936,395***

- V. Summary of Claimed Subject Matter
- VI. Grounds of Rejection to be Reviewed on Appeal
- VII. Argument
- VIII. Claims
- IX. Evidence
- X. Related Proceedings

Appendix A Claims

I. REAL PARTY IN INTEREST

Express Mobile, Inc., at 12 Paramon Way, Suite 1, Novato, California 94947

II. RELATED APPEALS AND INTERFERENCES

None.

III. STATUS OF CLAIMS

Claims 1-28 are rejected and the subject of the present appeal. A complete copy of the claims and their status is provided in Appendix A.

IV. STATUS OF AMENDMENTS

There are no non-entered amendments.



V. SUMMARY OF CLAIMED SUBJECT MATTER

A. Independent claim 1 covers<sup>1</sup>:

1 A system for generating code to provide content on a display of a device (*paragraphs [0033]-[0063], FIGS. 1A & 1B*), said system comprising:

computer memory (*memories 111, 123; FIGS. 1A*) storing a registry of:

a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a network (*paragraphs [0006], [0050], [0051], [0056], [0068]-[0074]; Web Component 319a of FIG. 3E*), where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service (*paragraphs [0068],[0069], [0072]; Table 1*), and

b) the address of the web service (*paragraphs [0072], [0073], [0229]*);  
an authoring tool (*authoring platform 110, FIGS. 2A, 3A-3F*) configured to:

define a user interface (UI) object for presentation on the display (*paragraphs [0056], [0062], [0104], [0070]; FIGS. 3A, 3B, 4B*), where said UI object corresponds to the web component included in said registry selected from the group consisting of an input of the web service and an output of the web service (*paragraphs [0064], [0068]-[0070], [0151]-[0155], registry 220 of FIG. 2A*),

access said computer memory to select the symbolic name corresponding to the web component of the defined UI object (*paragraphs [0150]-[0157]; FIG. 3E*),

associate the selected symbolic name with the defined UI object (*paragraphs [0005], [0068]-[0069], [0072], [0092], [0102], [0104], [0112],[0139]*) ,

produce an Application including the selected symbolic name of the defined UI object (*paragraphs [0048], [0052]-[0053], [0063], [0067], [0070]; FIGS. 2A, 2B*), where said Application is a device-independent code (*paragraph [0009], [0048]*), and

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<sup>1</sup> References made herein are to the published patent application. In the interest of efficiency and clarity Applicant has not identified every single aspect of the disclosure which may pertain to the claimed limitations. Support is also found in the original claims.

produce a Player, where said Player is a device-dependent code  
(*paragraphs [0008], [0048]; FIG. 2A*);

such that, when the Application and Player are provided to the device and executed on the device (*paragraphs [0050], [0168]-[0171]; Elements 133a2 and 133b1 of FIG. 2B, FIG. 4A & 4B*), and when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object (*paragraphs [0035], [0047], [0050], [0063], [0068], [0087], [0168]*),

1) the device provides the user provided one or more input values and corresponding input symbolic name to the web service (*paragraphs [0168], [0172], FIG. 1A*),

2) the web service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name (*FIG. 1A*),

3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device to present an output value in the defined UI object (*paragraphs [0168], [0171]-[0172], [0254]; FIGS. 1A, 4A & 4B*).

**B. Independent claim 12 covers:**

12 A method for displaying content on a device utilizing a registry of one or more web components related to inputs and/or outputs of a web service obtainable over a network, where each web component includes the symbolic names of inputs and/or outputs associated with each web service, and where the registry includes: a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a network, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and b) the address of the web service (*paragraphs [0033]-[0063], FIGS. 1A & 1B*), said method comprising:

defining a user interface (UI) object for presentation on the display, where said UI object corresponds to the web component included in said registry selected from the group consisting of an input of the web service and an output of the web service  
(*paragraphs [0064], [0068]-[0070], [0151]-[0155], registry 220 of FIG. 2A*);

selecting a symbolic name from said web component corresponding to the defined UI object (*paragraphs [0150]-[0157]; FIG. 3E*);

associating the selected symbolic name with the defined UI object (*paragraph [0172]*);

producing an Application including the selected symbolic name of the defined UI object (*paragraphs [0052]-[0053], [0063], [0067], [0070]; FIGS. 2A, 2B*), where said Application is a device-dependent code (*paragraph [0009], [0048]*); and

producing a Player, where said Player is a device-dependent code (*paragraphs [0008], [0048]; FIG. 2A*);

such that, when the Application and Player are provided to the device and executed on the device (*paragraphs [0050], [0168]-[0171]; Elements 133a2 and 133b1 of FIG. 2B, FIG. 4A & 4B*), and when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object (*paragraphs [0035], [0047], [0050], [0063], [0068], [0087], [0168]*),

1) the device provides the user provided one or more input values and corresponding input symbolic name to the web service (*paragraphs [0168], [0172], FIG. 1A*),

2) the web service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name (*FIG. 1A*),

3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device to present an output value in the defined UI object (*paragraphs [0168], [0171]-[0172], [0254]; FIGS. 1A, 4A & 4B*).

C. Independent claim 23 covers:

23 A method for providing information to a device having a display from a web component of a web service to a device on a network (*paragraphs [0033]-[0063], FIGS. 1A & 1B*), said method comprising:

accepting, on the device, a first code over the network, where said first code is device-dependent (*the “Player” of paragraphs [0008], [0048]; FIG. 2A*);

accepting, on the device, a second code over the network, where said second code

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is device-independent and includes the symbolic names of inputs and/or outputs associated with the web service (*paragraphs [0035], [0047], [0050], [0063], [0068], [0087], [0168]-[0171]; Elements 133a2 and 133b1 of FIG. 2B, FIG. 4A & 4B*); and executing said first code on the device (*paragraph [0048]*),

where the symbolic names are provided from a registry of one or more web components related to inputs and/or outputs of a web service obtainable over a network (*paragraphs [0064], [0068]-[0070], [0151]-[0155], registry 220 of FIG. 2A*),

where the web service requires both an input symbolic name and one or more associated input values and returns one or more output values having an associated output symbolic name (*paragraphs [0066], [0070]-[0072]; Table 1*), and

where the registry includes

a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a network, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service (*paragraphs [0066], [0068],[0069], [0072]; Table 1*), and

b) the address of the web service;

where said executing includes:

processing said symbolic names of the second code on the device (*paragraphs [0048], [0050], [0052], [0072]*),

transmitting processed instructions from the device to the web service (*paragraphs [0043], [0063]; FIGS. 1A & 1B*), and

accepting a third code on the device over the network, where said third code is a device-independent third code including the output of the web component provided by the web service over the network and in response to the second code (*paragraphs [0168], [0171]-[0172], [0254]; FIGS. 1A, 4A & 4B*).

## VI. GROUNDS OF REJECTION TO BE REVIEWED ON APPEAL

The issues presented for appeal are whether Claims 1-3, 5-7, 10-14, 16-18, and 21-28 are patentable under 35 U.S.C. 103(a) over US Patent Application Publication Nos.: 2005/0273705 to McCain (hereinafter **McCain**) in view of 2005/0149935 to Benedetti (hereinafter **Benedetti**) and 2006/0063518 to Paddon et al. (hereinafter **Paddon**), and whether Claims 4, 8-9, 15, and 19-20 are patentable under 35 U.S.C. 103(a) over **McCain**, **Benedetti**, and **Paddon** in view of US Patent Application Publication No.: 2004/0055017 to Delpuch et al (hereinafter **Delpuch**).

## VII. ARGUMENT

### Background

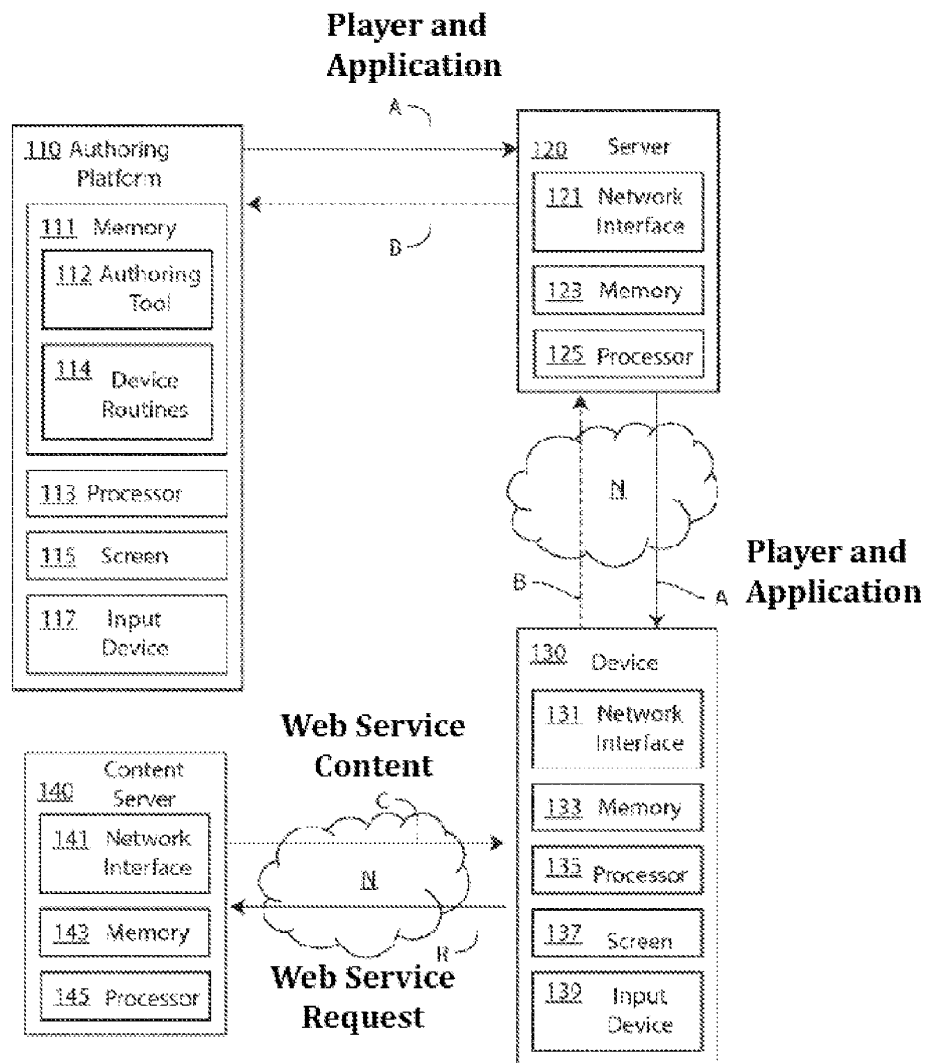
The present invention relates to the field of displaying information on a device, such as a mobile device, over a network. One embodiment is an authoring tool that generates files which together provide content over a network. The files include a Player (sometimes referred to herein as a “first code”) specific to each device (that is, the code is “device-dependent”) and an Application (sometimes referred to herein as a “second code”) that is device-independent. The device-dependent Player is activated by a web browser or other software or through a signal to device by a special telephone numbers, such as a short code (see, for example, Paragraph [0049])<sup>2</sup>.

In one aspect of the present invention, the device-independent Application and device-dependent Player are both provided to a device, such as a smartphone. Both codes are executed or interpreted on the same device, which communicates with a web service. By partitioning code for accessing web services into an Application and a Player has an advantage for maintaining websites. Thus, for example, code that is device specific may be maintained separately from code that web service specific. If a new device comes on the market, or if it is found that the device-dependent code for a specific device needs an update, a new Player is developed and provided to those specific devices. Likewise, if new capabilities are provided for certain web services, or if a new web service is available, then a new Application is developed for those web services, and provided to devices requesting those services.

As one example of the operation of the Application and Player on a device, the device receives an executable code in the form of a Player. The device also receives an Application that is a device-independent code containing web service information. The execution of the Player on the device causes the Application to be interpreted and the following actions to occur on or in communication with the device: a display requesting web service input is provided, a web service request is generated and provided to the web service, the resulting web service output is received, and a display representative of the output is generated.

The following annotated Figure from the present application illustrates how code developed by the authoring tool is utilized by a device within the dashed box. The Authoring Platform

generates and provides both an Application and a Player (as discussed above) to the Device. The Device is then capable of communicating directly with the Content Server, which is where the Web Service content resides or is assembled, by sending Content Requests to the Web Service, which then returns the Web Content to the Device.



<sup>2</sup> The present patent application consistently use the words “Application” (with a capital A) and “Player” (with a capital P) to refer to code that is provided to devices for accessing web services, where an Application is  
**Appeal Brief for SN: 12/858,150**

Claims 1-11 recite a system for generating code to provide content on a display of a device. The system includes a stored registry that is used for accessing web components of a web service, and an authoring tool that generates an Application and a Player which, when provide to the device, provide access to the web service.

Claims 12-22 recite a method of using the Application and Player, including producing the Application and Player and providing them to the device for accessing a web service.

Claim 23-28 are similar to claims 12-22 and include a third, device-independent code for executing on the device.

#### The Prior Art

**McCain** is directed to producing websites, specifically in generating code for execution on a server hosting a website. All of the computer systems and methods described in McCain are those involved with producing a website, which is then provided to a server that hosts the website. **McCain** teaches automatically adding functionality to a website by using a database of preexisting “solutions” stored in “C2 objects.” A C2 object includes all electronic content and functionality required to access a web service, including both device dependent (executable) and device independent (non-binary) elements that produce the selected functionality (see Abstract and paragraphs [0072] and [0114]).

**McCain** further teaches software to modify that can modify the functionality of a pre-existing solution within an “objectizer” (see paragraphs [0084] and [0114]).

**McCain** is capable of using and/or modifying a C2 object for inclusion into a website, and does so without the need of storing or modifying solutions as separate device-dependent and device-independent codes.

There is no teaching or suggestion in *McCain* of separately providing device-independent and device-dependent code for execution on one device.

**Benedetti** is a scheduler that provides for making web service calls. Benedetti teaches the use of a scheduling server which provides instructions to execution servers for accessing web services. **Benedetti** teaches a registry of web services and providing device-independent code to servers to access web services.

**Paddon** teaches device-dependent codes that execute on a device (corresponding devices 111, 112, or 113) and a server system 130 which interprets device-independent codes (a “rule



set”). As discussed in col 3, lines 35-52, the UI Engine may display a UI component as requested by the application on the device by providing a request to a server system for combining a rule set for a given mobile communication device, application and screen with content obtained from a third party content provider via an adapter. The adapter allows conversion of the native format of the content on the content provider's system to a format suitable for combination with a rule set in order to form a UI component for transmittal to a mobile communication device. The rule set determines what events and data are sent back and when the events and data are sent to the rule interface component when a particular interface element for example a button is asserted by a user.

Importantly, **Paddon** distributes the device dependent and device-independent codes among several devices. The device dependent code resides on the device on which information is to be displayed. The device independent code resides on a server, which is separate from the device, and which interprets the device independent code, when necessary.

**Delpuch** is a system to enable authoring of content within an interactive television environment, and is cited for discussing various input fields.

A. Claims 1-3, 5-7, 10-14, 16-18, and 21-28 are patentable over **McCain**, **Benedetti**, and **Paddon**

1. **McCain** does not teach an “Application” as of Claim 1 or 12

The Examiner argues that **McCain** teaches producing an “Application” of Claims 1 and 12. This is in error for at least the following reason.

Claims 1 and 12 recite: “produce an Application including the selected symbolic name of the defined UI object, where said Application is a device-independent code.” and “such that, when the Application ... [is] provided to the device and executed on the device, and when a user of the device provides one or more input values...” the device accesses a web service.

The Examiner, at page 3 of the Final Office Action of March 11, 2014 (the “Final Office Action”), states that **McCain** teaches “an authoring tool configured to ... produce an Application.” This assertion is in error for the following reasons.

The Examiner cites paragraphs [0109]-[0113] as teaching **McCain**’s supposed Application. Paragraphs [0109]-[0113] describe intermediary steps in producing code for devices for accessing the web. The discussion in **McCain** continues in paragraph [0116] to describe the final steps in generating such code for use on a device, such as server 34, as follows:

At Step 108, electronic content and functionality for a modified web-site application is automatically generated by the component engine 20 using the new project and the associated web-site application template. The component engine 20 automatically generates *all software instructions necessary to create user interfaces, reference system components, data base connections, e-commerce connections, m-commerce connections, e-business connections, communication protocol connections, etc.* The modified web-site application is immediately ready for testing or use on server 34. The electronic content and functionality for the new web-site is automatically generated on the server 34 hosting the existing web-site from the network device 30 using the new web-site application template associated with the project to create a modified web-site. (emphasis added)

This clearly states that the code provided to server 34 includes “*all software instructions necessary to create user interfaces...*” Since this code operates on devices to access the web, and includes user interfaces for such devices, the code is by necessity device-dependent, and is not equivalent to the claimed “Application.” More specifically, since the code is generated to run on a specific device, such as server 34, **McCain** is teaching the generation of a Player.

**McCain** thus does not discuss or consider providing a device-independent code to a device for accessing a web service, and the Examiner is incorrect in concluding that **McCain** teaches “an authoring tool configured to ... produce an Application.” Specifically, McCain teaches providing device-dependent code to devices for accessing web services, and does not teach or suggest providing device-independent code. McCain therefore does not teach the claimed Application. For at least this reason, the cited references do not teach the limitations of Claims 1 or 12, and the rejection of Claims 1 and 12 is in error.

2. **Benedetti** does not teach a “Player” as of Claim 1 or 12

The Examiner argues that **Benedetti** teaches producing a “Player” of Claims 1 and 12. This is in error for at least the following reason.

Claims 1 and 12 recite: “produce a Player, where said Player is a device-dependent code,” and “such that, when the ... Player ... [is] provided to the device and executed on the device, and when a user of the device provides one or more input values...” the device accesses a web service.

The Examiner, at pages 4-5 of the Final Office Action, states that Benedetti teaches:

a Player, where said Player is a device-dependent code; ([0073], [0074]) such that, when the Application (see above) and Player are provided to the device and executed on the device ... the device provides the user provided one or more input values and corresponding input symbolic name to the web service.

This assertion is in error for the following reasons.

First, “Application (see above)” in the above quotation is a reference to *McCain*. As noted above, the code of *McCain* is not “Application.”

Second, *Benedetti* is directed to scheduling invocation of web services from a central point of control using device-independent code. Specifically, *Benedetti* teaches a descriptor that identifies a desired web service and the address of the corresponding WSDL document and the content of a request message to be passed to the web service. Whenever the job is submitted for execution (according to a predefined plan), the scheduler sends its descriptor to the associated agent. The agent downloads the WSDL document of the corresponding web service; a request message for the web service is then built embedding the desired content into the structure specified in the WSDL document. The agent sends the request message to an endpoint implementing the web service (as specified in the WSDL document), so as to cause its invocation (Abstract and paragraphs [0073] and [0074]).

There is no teaching in *Benedetti*, including in the cited paragraphs, of providing device-dependent code to devices for accessing web services.

*Benedetti* thus does not discuss or consider providing a device-dependent code to a device for accessing a web service, and the Examiner is in error in concluding that *Benedetti* teaches “a Player, where said Player is a device-dependent code” .. “such that, when the Application {of McCain} and Player are provided to the device and executed on the device ... the device provides the user provided one or more input values and corresponding input symbolic name to the web service.”

In addition, claims 1 and 12 recite that the Application and Player are provided to a device with a display for providing the output of a web service. *Benedetti*, however, is silent regarding the display of output, and only teaches the scheduling of web services. Thus, for example, *Benedetti* teaches networked computers that handle different aspect of calling web services, and specifically agents that execute web services (see paragraphs [0073]-[0074]). The

reason for this lack of description is that **Benedetti** is concerned with scheduling web services and not with how or where the output is displayed.

**Benedetti** therefore does not teach the claimed Player. For at least this reason, the cited references do not teach the limitations of Claims 1 or 12, and the rejection of Claims 1 and 12 is in error.

3. **Paddon** does not teach providing an Application to a device, as of Claim 1 or 12

The Examiner argues that **Paddon** teaches providing an Application to a device of Claims 1 and 12. This is in error for at least the following reason.

Claims 1 and 12 recite: “produce an Application including the selected symbolic name of the defined UI object, where said Application is a device-independent code.” and “such that, when the Application ... [is] provided to the device and executed on the device, and when a user of the device provides one or more input values...” the device accesses a web service. This aspect of the claimed invention is discussed in paragraph [0043] of the present application, where it explains that the content server 140 is a computer or computer system that accepts requests R from device 130 and provide content C over a network, such as web server content on the Internet, to device 130.

The Examiner, at page 6 of the Final Office Action, states:

Paddon et al. teach produce an Application, where said Application is a device-independent code, ([0010]) and produce a Player, where said Player is a device-dependent code, ([0010],[0011], UI engine) such that, when the Application and Player are provided to the device and executed on the device, ([0010],[0011])

There is no teaching or suggestion in Paddon of providing code that is only device-independent to the device, and thus Paddon does not teach providing an Application to a device.

**Paddon** teaches a device-independent “rule set,” shown in FIG. 1 of **Paddon**, reproduced below with annotations. Specifically, Paddon teaches providing device-dependent code to several devices (110, 111, and 112), and providing the device-independent rule set 150 to a server 130, where the rules are interpreted by a rule interface component 131 as a filter between devices 110, 111, 112 and content providers 160, 161, etc.

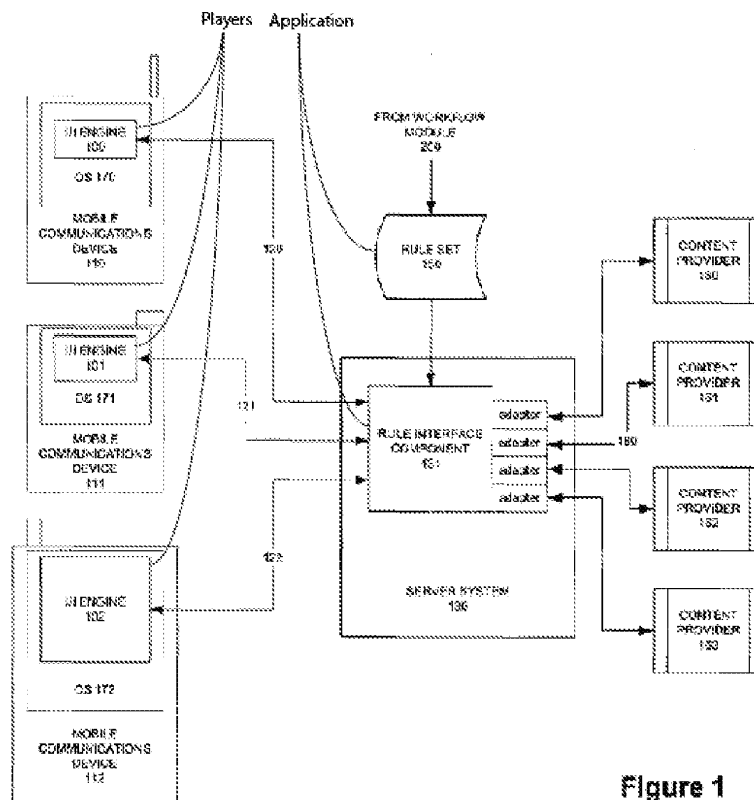


Figure 1

**Paddon** discusses the rule set in paragraphs [0028] - [0030], and specifically shows downloading such code, which Paddon terms a “rule set 150” to server system 130, and not to devices 110, 111, or 112. Specifically, in Paragraph [0029], Paddon notes:

When rule set 150 is processed by rule interface component 131, rule set 150 is parsed and saved for event processing. Event processing occurs, for example, when UI Engine 100 asserts an application graphical user interface element such as a button. When mobile communication device 111 is commanded by a user to execute an application, an initial UI component is constructed from application rule set 150 and content data from content provider 162. The initial UI component is sent across communications link 121 and interpreted by UI Engine 101 which results in a UI component such as a splash screen or login screen for example to be presented on mobile communication device 111.

From this discussion, *it is clear that the rule set (which corresponds to the claimed device-independent Application) does not reside on the same device as the Player.* The rule set of **Paddon** is stored in and used by a separate computer, the server system 130, which parses information to the hand-held units as a UI component, which, by its nature, is device-dependent.

In this way, *Paddon* has centralized the storage and interpretation of device-independent codes in a server which is separate than the mobile communications devices.

*Paddon* thus does not discuss or consider providing an Application to a device, and the Examiner is incorrect in concluding that *Paddon* teaches to “produce an Application, where said Application is a device-independent code ... such that, when the Application and Player are provided to the device and executed on the device.”

In the Response to Argument of the Final Office Action, the Examiner cites paragraph [0013] of *Paddon* as teaching providing both an Application and Player to the device. This is in error, as that paragraph describes providing device-dependent code such as a UI engine to the device, and is not directed to any teachings regarding device-independent code.

*Paddon* therefore does not teach the claimed Application. For at least this reason, the cited references do not teach the limitations of Claims 1 or 12, and the rejection of Claims 1 and 12 is in error.

4. The combination of *McCain*, *Benedetti*, and *Paddon* do not teach or suggest Claims 1 or 12.

The Examiner argues that the combination of *McCain*, *Benedetti*, and *Paddon* teaches the operation of the device of Claims 1 and 12. This is in error for at least the following reason.

Claims 1 and 12 recite that, when the Application (including the selected symbolic name of the defined UI object) and Player are provided to and executed on the device, and when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object, 1) the device provides the user provided input values and corresponding input symbolic name to the web service, ... and 3) the Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device to present an output value in the defined UI object.

In other words, when a device is provided with both an Application and Player, the device provides user inputted values and corresponding symbolic names to the web services, and the device receives the output symbolic name and corresponding one or more output values and provides instructions from the web service for a display of the device.

More succinctly, the claim recites that the device, through the Application and Player, includes code necessary for communicating with the web service and displays the web service output on the device.

The Examiner argues, at pages 3-6 of the Final Office Action, that **McCain** and **Benedetti** teach device-dependent and device-independent codes provided to a device for accessing a web service by exchanging web service input and output names and values with the device, and displaying results on that device, and that **Paddon** teaches providing both types of code to a device. This is in error for several reasons.

First, the Examiner is in error in asserting that an Application and Player are taught by **McCain** and **Benedetti**, as discussed above in sections VII.A.1, and VII.A.2, respectively. The Examiner has thus not shown where each limitation is found in the references.

Second, the Examiner is in error in asserting that **Paddon** teaches providing an Application to a device, as discussed above in section VII.A.3. The Examiner has thus not shown providing both an Application and Player to a device, as claimed.

Lastly, the combination of teachings of **Paddon** into **Benedetti** and **McCain** (or any combination thereof) does not result in an invention that communicates with a web service, as claimed, even if the Board does not agree with the errors noted above. Specifically, the combination of references, taken individually or in combination, does not teach or suggest providing both device-independent code and device-dependent code to a device that, when executed on the device, exchanges web service input and output names and values, and displays output on such device.

In making the case, the Final Office Action states, at pages 4-5, that the combination of Player of **Benedetti** with the Application of **McCain** provides a device that communicates web service input and output values and names, and on page 6, that Paddon teaches providing and executing an Application and Player on a device. This is in error for several reasons.

**McCain** teaches only providing a self-contained, device-dependent code to a device that can communicate with a web service. As such, there is no teaching or suggestion in **McCain** of how any additional code would be incorporated for use. **Benedetti** teaches only the transfer of device-independent code, and providing such code to a server for communicating with a web service. The Examiner insinuates that the codes work together, as claimed, but there is no teaching or suggestion of how such codes could possibly interact or communicate to access a web service.

It is only **Paddon** that provides any description of how separate device-dependent and device-independent codes are stored and communicate with a web service, but even Paddon,

taken alone or in combination with the other references, does not teach the claimed invention, even if the Board does not agree that Paddon does not teach an Application, as argued above.

**Paddon** teaches that the device cannot communicate with the web service as claimed, and specifically, a device executing the codes according to Padden require an intermediary that prevents direct communication. Thus, in **Paddon**, an “adaptor” that does not reside on the device is required for web service output to displayed on the device. Specifically, **Paddon** teaches that, when receiving output from a web service, the “rule set and content data are combined (*on server system 130*) and set to the UI Engine at 312 for display on the mobile communication device.” (paragraph [0036], italics added).

The adaptor, in part, intercepts content from the web services and provides it to the devices. Thus, **Paddon** teaches:

FIG. 1 shows an architectural view of an embodiment of the invention. ... UI Engines 100, 101 and 102 communicate with rule interface component 131 in server system 130. Rule interface component 131 comprises adapters for communicating with disparate content providers 160, 161, 162 and 163. .... Rule interface component 131 obtains rule sets from workflow module 200 (see FIG. 2). Each rule set 150 combined with content from one or more content providers (for example content provider 160) yields a User Interface (UI) component, which is also known as a dashboard. Each rule set 150 is independent of a device specific operating system such as operating system 170 for example.(Paragraph [0028])

In other words, the rule interface component, which resides on the server, includes an adaptor that communicates with the content providers. **Paddon** continues to teach:

The first task of the UI Engine is to display a UI component as requested by the application. This may involve a request to a server system for combining a rule set for a given mobile communication device, application and screen with content obtained from a third party content provider via an adapter. ... The adapter allows conversion of the native format of the content on the content provider's system to a format suitable for combination with a rule set in order to form a UI component for transmittal to a mobile communication device. The rule set determines what events and data are sent back and when the events and data are sent to the rule interface component when a particular interface element for example a button is asserted by a user. (Paragraph [0034])

In other words, requests from the device processed by the adaptor (which is on the server) to convert the content to a format for display on the device.



It is clear from this discussion that there is no direct communication of web service input and output between device and content servers, as communications is mediated by an adaptor on the server. In other words, the device of **Paddon** does not receive the values and names from of the web service output. Such information is provided to the device via a separate server, where the rule set and data content are packaged into code (the UI Engine) for displaying the output on the device. Further, as described, the device of **Paddon** is not capable of displaying the web service output on the device without this step. As noted above, this deficiency in **Paddon** is not corrected by **McCain** and/or **Benedetti**, which are silent as to how such information is parsed, and do not, individually or in combination, teach providing both types of codes (Player and Application) to a single device for accessing web services.

For any of the reasons presented above, the combination of **McCain**, **Benedetti** and **Paddon** thus does not discuss or consider a device having an Application and Player that communicates web service inputs and outputs and displays outputs, as claimed. The Examiner is incorrect in concluding that the combination teaches that “when the Application (including the selected symbolic name of the defined UI object) and Player are provided to and executed on the device, and when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object, 1) the device provides the user provided input values and corresponding input symbolic name to the web service, ... and 3) the Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device to present an output value in the defined UI object.”

Specifically, the combination of **McCain**, **Benedetti**, and **Paddon** does not teach or suggest providing both an Application and a Player to a device that allows that device to exchange input and output symbolic names and values between a device and web service for display on the device, as claimed. **McCain** teaches providing only a Player to a device for displaying web service output, **Benedetti** is concerned with scheduling issues and is notably silent as to the actual display of web service output or if any of the code actually resides on a computer on which the web service output is provided, and Paddon does not communicate with the web service, as claimed. **McCain**, **Benedetti**, and **Paddon** therefore do not teach the claimed invention. For at least this reason, the combination of cited references does not teach Claims 1 or 12, and the rejection of Claims 1 and 12 is in error.

5. The motivation for the combination of **McCain**, **Benedetti**, and **Paddon** in Claims 1 or 12 is lacking.

In addition to error of Section VII.A.4, the Examiner is in error in asserting a motivation for combining **McCain**, **Benedetti**, and **Paddon**.

The Examiner asserts on page 5 of the Final Office Action, that the motivation for combining **McCain** and **Benedetti** in Claims 1 and 12 is that the “motivation to combine these arts, as proposed above, at least because Benedetti's method to invocation of a web service would provide more input and output control mechanism to McCain's creating web service application.”

As discussed above, **McCain** already teaches providing more input and output control by building a solutions database of prior solutions. See paragraph [0086], where McCain describes visiting existing websites and saving electronic content from that web site as a template of existing solutions for other websites. McCain thus teaches an efficient method of scouring the Internet for web designs. There is thus no motivation for provide “more input and output control mechanisms to McCain’s creating web service applications,” as argued by the Examiner.

For at least this reason, the cited references do not form a *prima facie* case of obviousness of Claims 1 or 12, and the rejection of Claims 1 and 12 is in error.

6. The Rejection of Dependent Claims 2-3, 5-7, 10-11, 13-14, 16-18, and 21-22 Is Also In Error.

The rejection of dependent claims 2-3, 5-7, and 10-11, which depends on claim 1 and of dependent claims 13-14, 16-18, which depend on claim 12 are in error for at least the same reasons discussed in sections VII.A.1, VII.A.2, VII.A.3, VII.A.4, or VII.A.5, and the rejection of Claims 2-3, 5-7, and 10-11 is in error.

7. **Paddon** does not teach providing a device-independent second code to a device of Claim 23.

The Examiner argues that **Paddon** teaches providing a device-independent second code to a device of Claim 23. This is in error for at least the following reason.

Claim 23 recites: "accepting, on the device, a second code over the network, where said second code is device-independent and includes the symbolic names of inputs and/or outputs associated with the web service.”

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The Examiner, at page 18 of the Final Office Action, states: “Paddon et al. teach said method comprising: accepting, on the device, ... a second code over the network, where said second code is device-independent”

This rejection is similar to that of Claims 1 and 12, where the Examiner asserted that Paddon teaches an Application to a device, where an Application is device-independent. As discussed above in Section VII.A.3, there is no teaching or suggestion in *Paddon* of providing code that is only device-independent to the device, and the rejection of Claim 23 is in error for at least the same reasons discussed in Section VII.A.3.

8. *Paddon* does not teach providing a device-independent third code to a device of Claim 23.

The Examiner argues that *Paddon* teaches providing a device-independent third code to a device of Claim 23. This is in error for at least the following reason.

Claim 23 recites: “accepting a third code on the device over the network, where said third code is a device-independent third code including the output of the web component provided by the web service over the network and in response to the second code.” The third code is, for example, the output names and values of a web service.

The Examiner, at page 18 of the Final Office Action, states: “Paddon et al. teach said method comprising ... accepting a third code on the device, over the network, where said third code is a device-independent third code including the output of the web component provided by the web service over the network and in response to the second code.

There is no teaching or suggestion in *Paddon* of accepting code including the output of the web component provided by the web service over the network. Specifically, as discussed in Sections VII.A.3 and VII.A.4, the output provided to the web services is intercepted by an adaptor on the server of *Paddon*, where it is reconfigured and sent to the device as device-dependent code.

Specifically, as discussed in Sections VII.A.3 and VII.A.4, device of *Paddon* does not receive the values and names from of the web service output. Such information is provided to an adaptor a server, which is separate from the device. The adaptor and server combine the rule set and data content into code (the UI Engine) for displaying the output on the device. There is no teaching or suggestion of “said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device to present an output

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value in the defined UI object,” as claimed. Further, as described, the device of **Paddon** is not capable of displaying the web service output on the device without this step.

**Paddon** thus does not teach providing a device-independent third code to a device of Claim 23, and the rejection of Claim 23 is thus in error for the above reasons and those of Section VII.A.3 and VII.A.4.

9. The combination of **McCain**, **Benedetti**, and **Paddon** do not teach or suggest the operation of the device of Claim 23.

The Examiner argues that the combination of **McCain**, **Benedetti**, and **Paddon** teaches the operation of the device of Claim 23. This is in error for at least the following reason.

Claim 23 recites similar matter as Claims 1 and 12, and specifically recites accepting a first, device-dependent code (a Player) and a second device-independent code (an Application) on a device, communicating with a web service from the device, and then accepting a third device-independent code from the web service on the device having the web service outputs.

It is thus seen that operation of the device in Claim 23 is similar to that of Claims 1 and 12, and the Examiner asserts that the combination of **McCain**, **Benedetti**, and **Paddon** teaches this method. The deficiencies in the cited art of teaching this operation are discussed in length in Section VII.A.4, with additional discussion in Section VII.A.3. For at least the reasons provided in Sections VII.A.4 and VII.A.4, the combination of cited references does not teach Claims 23, and the rejection of Claim 23 is in error.

10. The motivation for the combination of **McCain**, **Benedetti**, and **Paddon** in Claims 23 is lacking.

In addition to error of Section VII.A.9, the Examiner is in error in not providing a motivation for combining **McCain**, **Benedetti**, and **Paddon**.

As noted in section 2142 of the MPEP, “[t]he key to supporting any rejection under **35 U.S.C. 103** is the clear articulation of the reason(s) why the claimed invention would have been obvious. The Supreme Court in *KSR Int’l Co. v. Teleflex Inc.*, 550 U.S. 538, 418, 82 USPQ2d 1385, 1396 (2007) noted that the analysis supporting a rejection under **35 U.S.C. 103** should be made explicit. The Federal Circuit has stated that “rejections on obviousness cannot be sustained with mere conclusory statements; instead, there must be some articulated reasoning with some

rational underpinning to support the legal conclusion of obviousness.” *In re Kahn*, 441 F.3d 977, 988, 78 USPQ2d 1329, 1336 (Fed. Cir. 2006); see also *KSR*, 550 U.S. at 418, 82 USPQ2d at 1396 (quoting Federal Circuit statement with approval).

The only other motivation provided for combining *McCain*, *Benedetti*, and *Paddon* is found in the rejection of Claim 1. Assuming that the Examiner provides the same motivation as for Claim 1, the cited references do not form a *prima facie* case of obviousness of Claim 23 for at least the reasons provided in Section VII.A.5, and the rejection of Claim 23 is in error.

#### 11. The Rejection of Dependent Claims 24-28 Is Also In Error.

The rejection of dependent claims 24-28, which depends on claim 23 are in error for at least the same reasons discussed in sections VII.A.7- VII.A.10.

#### B. Claims 4, 8-9, 15, and 19-20 are patentable over *McCain*, *Benedetti*, *Paddon*, and *Delpuch*

1. The combination of *McCain*, *Benedetti*, *Paddon*, and *Delpuch* do not teach or suggest the operation of the device of Claims 4, 8-9, 15, and 19-20

The rejection of claims 4, 6, and 9, which depend on Claim 1, and of Claims 15, 19-20, which depend on claim 12 over *McCain*, *Benedetti*, and *Paddon* are addressed in Sections VII.A.1- VII.A.5. *Delpuch*, which is cited for its teaching of specific web services, does not correct any of the deficiencies in *McCain*, *Benedetti*, or *Paddon*.

The rejection of dependent claims 4, 8-9, 15, and 19-20, which depends on claim 1 or 12, are in error for at least the same reasons discussed in Sections VII.A.1- VII.A.5.

### VIII. CLAIMS

A copy of the claims involved in the present appeal is attached hereto as Appendix A.

### IX. EVIDENCE

No additional evidence pursuant to §§ 1.130, 1.131 or 1.132 or entered by or relied upon by the Examiner is being submitted.

X. RELATED PROCEEDINGS

No related proceedings are referenced herein, nor are copies of decisions in related proceedings being provided, as there are none. Accordingly, no Appendix is included.

Respectfully submitted,

Respectfully submitted,

November 26, 2014

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## APPENDIX A

1 (Rejected) A system for generating code to provide content on a display of a device, said system comprising:

computer memory storing a registry of:

a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a network, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and

b) the address of the web service;

an authoring tool configured to:

define a user interface (UI) object for presentation on the display, where said UI object corresponds to the web component included in said registry selected from the group consisting of an input of the web service and an output of the web service,

access said computer memory to select the symbolic name corresponding to the web component of the defined UI object,

associate the selected symbolic name with the defined UI object,

produce an Application including the selected symbolic name of the defined UI object, where said Application is a device-independent code, and

produce a Player, where said Player is a device-dependent code;

such that, when the Application and Player are provided to the device and executed on the device, and when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object,

1) the device provides the user provided one or more input values and corresponding input symbolic name to the web service,

2) the web service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name,

3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device to present an output value in the defined UI object.

- 2 (Rejected) The system of claim 1, where said registry includes definitions of input and/or output related to said web service.
- 3 (Rejected) The system of claim 1, where said web component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed.
- 4 (Rejected) The system of claim 1, where said UI object is an input field for a chat.
- 5 (Rejected) The system of claim 1, where said UI object is an input field for a web service.
- 6 (Rejected) The system of claim 1, where said UI object is an input field usable to obtain said web component, where said input field includes a text field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button.
- 7 (Rejected) The system of claim 1, where said web component is an output of a web service, is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.
- 8 (Rejected) The system of claim 1, where said authoring tool is further configured to:  
define a phone field or list; and  
generate code that, when executed on the device, allows a user to supply a phone number to said phone field or list.
- 9 (Rejected) The system of claim 1, where said authoring tool is further configured to:  
define a SMS field or list; and  
generate code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list.
- 10 (Rejected) The system of Claim 1,  
where said code includes three or more codes, where one of said three or more codes is device specific, and where two of said three or more codes is device independent.
- 11 (Rejected) The system of claim 1, where said code is provided over said network.
- 12 (Rejected) A method for displaying content on a device utilizing a registry of one or more web components related to inputs and/or outputs of a web service obtainable over a network, where each web component includes the symbolic names of inputs and/or outputs associated with each web service, and where the registry includes: a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a network, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and b) the address of the web service, said method comprising:



defining a user interface (UI) object for presentation on the display, where said UI object corresponds to the web component included in said registry selected from the group consisting of an input of the web service and an output of the web service;

selecting a symbolic name from said web component corresponding to the defined UI object;

associating the selected symbolic name with the defined UI object;

producing an Application including the selected symbolic name of the defined UI object, where said Application is a device-dependent code; and

producing a Player, where said Player is a device-dependent code;

such that, when the Application and Player are provided to the device and executed on the device, and when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object,

1) the device provides the user provided one or more input values and corresponding input symbolic name to the web service,

2) the web service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name,

3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device to present an output value in the defined UI object.

13 (Rejected) The method of claim 12, where said registry includes definitions of input and/or output related to said web service.

14 (Rejected) The method of claim 12, where said web component is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed.

15 (Rejected) The method of claim 12, where said UI object is an input field for a chat.

16 (Rejected) The method of claim 12, where said UI object is an input field for a web service.

17 (Rejected) The method of claim 12, where said UI object is an input field usable to obtain said web component, where said input field includes a text field, a scrolling text box, a check box, a drop down-menu, a list menu, or a submit button.

- 18 (Rejected) The method of claim 12, where said web component is an output of a web service, is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.
- 19 (Rejected) The method of claim 12, further comprising:
- defining a phone field or list; and
  - generating code that, when executed on the device, allows a user to supply a phone number to said phone field or list.
- 20 (Rejected) The method of claim 12, further comprising:
- defining a SMS field or list; and
  - generating code that, when executed on the device, allows a user to supply an SMS address to said SMS field or list.
- 21 (Rejected) The method of Claim 12, and such that said Player interprets dynamically received, device-independent values **of the web** component defined in the Application.
- 22 (Rejected) The method of claim 12, further comprising:
- providing said Application and Player over said network.
- 23 (Rejected) A method for providing information to a device having a display from a web component of a web service to a device on a network, said method comprising:
- accepting, on the device, a first code over the network, where said first code is device-dependent;
  - accepting, on the device, a second code over the network, where said second code is device-independent and includes the symbolic names of inputs and/or outputs associated with the web service; and
  - executing said first code on the device,
  - where the symbolic names are provided from a registry of one or more web components related to inputs and/or outputs of a web service obtainable over a network,
  - where the web service requires both an input symbolic name and one or more associated input values and returns one or more output values having an associated output symbolic name, and
  - where the registry includes
    - a) symbolic names required for evoking one or more web components each related to a set of inputs and/or outputs of a web service obtainable over a network,
    - where the symbolic names are character strings that do not contain either a persistent

address or pointer to an output value accessible to the web service, and

b) the address of the web service;

where said executing includes:

processing said symbolic names of the second code on the device,

transmitting processed instructions from the device to the web service, and

accepting a third code on the device over the network, where said third

code is a device-independent third code including the output of the web

component provided by the web service over the network and in response to the

second code.

24 (Rejected) The method of claim 23, where said third code is a text chat, a video chat, an image, a slideshow, a video, or an RSS feed.

25 (Rejected) The method of claim 23, where said third code is an output of a web service, is the text provided by one or more simultaneous chat sessions, is the video of a video chat session, is a video, an image, a slideshow, an RSS display, or an advertisement.

26 (Rejected) The method of claim 23, where said first code and said second code are generated using an authoring tool.

27 (Rejected) The method of claim 23, where said first code is a Player.

28 (Rejected) The method of claim 23, where said second code is an Application which includes one or more web components.

Electronic Patent Application Fee Transmittal				
Application Number:		12936395		
Filing Date:		03-Nov-2010		
Title of Invention:		SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES		
First Named Inventor/Applicant Name:		Steven H. Rempell		
Filer:		Steven R Vosen		
Attorney Docket Number:		XPR.002US0		
Filed as Small Entity				
U.S. National Stage under 35 USC 371 Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 4 months with \$0 paid	2254	1	1100	1100

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Total in USD (\$)				1100

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EFS ID:	20788964
Application Number:	12936395
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Title of Invention:	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Steven H. Rempell
Customer Number:	40280
Filer:	Steven R Vosen
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Submitted with Payment	no				
<b>File Listing:</b>					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	XPR002US0_Transmittal_Form.pdf	178443 64897c6037021311424ab15b490907b974a69f8c	no	1
<b>Warnings:</b>					
<b>Information:</b>					

2	Extension of Time	XPR002US0_Extension_of_Time.pdf	120694	no	1
			725bba493eaa524bd47858f31630e4607c136480		
Warnings:					
Information:					
3	Appeal Brief Filed	XPR002_Appeal_Brief.pdf	272275	no	29
			a038954554a9734e13bbe2e2aec68167636127c3		
Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	30268	no	2
			f600e220f6ecf6a71d8e349c6bb5e3c670742102		
Warnings:					
Information:					
Total Files Size (in bytes):			601680		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	12/936,395
	Filing Date	November 3, 2010
	First Named Inventor	Steven H. Rempell
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Total Number of Pages in This Submission	Attorney Docket Number	XPR.002US0

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input checked="" type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name		
Signature	/Steven R. Vosen/	
Printed name	Steven R. Vosen	
Date	November 24, 2014	Reg. No. 45,186

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



<b>PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)</b>		Docket Number (Optional) <b>XPR.002US0</b>																																		
Application Number <b>12/936,395</b>	Filed <b>November 3, 2010</b>																																			
For <b>SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES</b>																																				
Art Unit <b>2143</b>	Examiner <b>Xuyang Xia</b>																																			
<p>This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above-identified application.</p> <p>The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):</p> <table style="width: 100%; border-collapse: collapse;"><thead><tr><th></th><th style="text-align: center;"><u>Fee</u></th><th style="text-align: center;"><u>Small Entity Fee</u></th><th style="text-align: center;"><u>Micro Entity Fee</u></th><th></th></tr></thead><tbody><tr><td><input type="checkbox"/> One month (37 CFR 1.17(a)(1))</td><td style="text-align: center;">\$200</td><td style="text-align: center;">\$100</td><td style="text-align: center;">\$50</td><td>\$ _____</td></tr><tr><td><input type="checkbox"/> Two months (37 CFR 1.17(a)(2))</td><td style="text-align: center;">\$600</td><td style="text-align: center;">\$300</td><td style="text-align: center;">\$150</td><td>\$ _____</td></tr><tr><td><input type="checkbox"/> Three months (37 CFR 1.17(a)(3))</td><td style="text-align: center;">\$1,400</td><td style="text-align: center;">\$700</td><td style="text-align: center;">\$350</td><td>\$ _____</td></tr><tr><td><input checked="" type="checkbox"/> Four months (37 CFR 1.17(a)(4))</td><td style="text-align: center;">\$2,200</td><td style="text-align: center;">\$1,100</td><td style="text-align: center;">\$550</td><td>\$ <b>1,100</b></td></tr><tr><td><input type="checkbox"/> Five months (37 CFR 1.17(a)(5))</td><td style="text-align: center;">\$3,000</td><td style="text-align: center;">\$1,500</td><td style="text-align: center;">\$750</td><td>\$ _____</td></tr></tbody></table> <p><input checked="" type="checkbox"/> Applicant asserts small entity status. See 37 CFR 1.27.</p> <p><input type="checkbox"/> Applicant certifies micro entity status. See 37 CFR 1.29. Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously.</p> <p><input type="checkbox"/> A check in the amount of the fee is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input type="checkbox"/> The Director has already been authorized to charge fees in this application to a Deposit Account.</p> <p><input type="checkbox"/> The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number _____.</p> <p><input checked="" type="checkbox"/> Payment made via EFS-Web.</p> <p><b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b></p> <p>I am the</p> <p><input type="checkbox"/> applicant.</p> <p><input checked="" type="checkbox"/> attorney or agent of record. Registration number <b>45,186</b></p> <p><input type="checkbox"/> attorney or agent acting under 37 CFR 1.34. Registration number _____</p> <table style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%; padding: 5px;"><b>/Steven R. Vosen/</b> _____ Signature</td><td style="width: 50%; padding: 5px;"><b>November 24, 2014</b> _____ Date</td></tr><tr><td style="padding: 5px;"><b>Steven R. Vosen</b> _____ Typed or printed name</td><td style="padding: 5px;"><b>(510) 841-4711</b> _____ Telephone Number</td></tr></table> <p><b>NOTE:</b> This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.</p>				<u>Fee</u>	<u>Small Entity Fee</u>	<u>Micro Entity Fee</u>		<input type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$200	\$100	\$50	\$ _____	<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$600	\$300	\$150	\$ _____	<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$1,400	\$700	\$350	\$ _____	<input checked="" type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$2,200	\$1,100	\$550	\$ <b>1,100</b>	<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$3,000	\$1,500	\$750	\$ _____	<b>/Steven R. Vosen/</b> _____ Signature	<b>November 24, 2014</b> _____ Date	<b>Steven R. Vosen</b> _____ Typed or printed name	<b>(510) 841-4711</b> _____ Telephone Number
	<u>Fee</u>	<u>Small Entity Fee</u>	<u>Micro Entity Fee</u>																																	
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<b>/Steven R. Vosen/</b> _____ Signature	<b>November 24, 2014</b> _____ Date																																			
<b>Steven R. Vosen</b> _____ Typed or printed name	<b>(510) 841-4711</b> _____ Telephone Number																																			
<input type="checkbox"/> * Total of _____ forms are submitted.																																				

This collection of information is required by 37 CFR 1.136(a). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Electronic Patent Application Fee Transmittal				
<b>Application Number:</b>		12936395		
<b>Filing Date:</b>		03-Nov-2010		
<b>Title of Invention:</b>		SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES		
<b>First Named Inventor/Applicant Name:</b>		Steven H. Rempell		
<b>Filer:</b>		Steven R Vosen		
<b>Attorney Docket Number:</b>		XPR.002US0		
Filed as Small Entity				
<b>U.S. National Stage under 35 USC 371 Filing Fees</b>				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Basic Filing:</b>				
<b>Pages:</b>				
<b>Claims:</b>				
<b>Miscellaneous-Filing:</b>				
<b>Petition:</b>				
<b>Patent-Appeals-and-Interference:</b>				
<b>Post-Allowance-and-Post-Issuance:</b>				
<b>Extension-of-Time:</b>				
Extension - 4 months with \$0 paid	2254	1	1100	1100

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Total in USD (\$)				1100

Electronic Acknowledgement Receipt	
<b>EFS ID:</b>	20816881
<b>Application Number:</b>	12936395
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2369
<b>Title of Invention:</b>	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES
<b>First Named Inventor/Applicant Name:</b>	Steven H. Rempell
<b>Customer Number:</b>	40280
<b>Filer:</b>	Steven R Vosen
<b>Filer Authorized By:</b>	
<b>Attorney Docket Number:</b>	XPR.002US0
<b>Receipt Date:</b>	27-NOV-2014
<b>Filing Date:</b>	03-NOV-2010
<b>Time Stamp:</b>	00:14:52
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$1100
RAM confirmation Number	8125
Deposit Account	
Authorized User	

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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1	Fee Worksheet (SB06)	fee-info.pdf	30268	no	2
			5b11e2bb12939987c38d47b356e211f17b79deef		
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>				30268	
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>  If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>  If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>  If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

40280 7590 05/04/2015  
STEVEN VOSEN  
1563 SOLANO AVENUE #206  
BERKELEY, CA 94707

EXAMINER

XIA, XUYANG

ART UNIT PAPER NUMBER

2143

DATE MAILED: 05/04/2015

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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12/936,395 11/03/2010 Steven H. Rempell XPR.002US0 2369

TITLE OF INVENTION: SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional SMALL \$480 \$0 \$0 \$480 08/04/2015

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.**

**THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.**

### HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.**

## PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to:** **Mail** **Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
**or Fax (571)-273-2885**

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

40280 7590 05/04/2015  
**STEVEN VOSEN**  
**1563 SOLANO AVENUE #206**  
**BERKELEY, CA 94707**

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

### Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/936,395	11/03/2010	Steven H. Rempell	XPR.002US0	2369

TITLE OF INVENTION: SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	08/04/2015

EXAMINER	ART UNIT	CLASS-SUBCLASS
XIA, XUYANG	2143	715-738000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) The names of up to 3 registered patent attorneys or agents OR, alternatively, 1 \_\_\_\_\_
- (2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 \_\_\_\_\_
- 3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

- ☐ Applicant certifying micro entity status. See 37 CFR 1.29
- ☐ Applicant asserting small entity status. See 37 CFR 1.27
- ☐ Applicant changing to regular undiscounted fee status.

**NOTE:** Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

**NOTE:** If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

**NOTE:** Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature \_\_\_\_\_

Date \_\_\_\_\_

Typed or printed name \_\_\_\_\_

Registration No. \_\_\_\_\_



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/936,395	11/03/2010	Steven H. Rempell	XPR.002US0	2369
40280	7590	05/04/2015	EXAMINER	
STEVEN VOSEN			XIA, XUYANG	
1563 SOLANO AVENUE #206			ART UNIT	
BERKELEY, CA 94707			PAPER NUMBER	

2143

DATE MAILED: 05/04/2015

## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.



## OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

### Privacy Act Statement

**The Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

<b>Notice of Allowability</b>	<b>Application No.</b> 12/936,395 <b>Examiner</b> XUYANG XIA	<b>Applicant(s)</b> REMPELL ET AL. <b>Art Unit</b> 2143 <b>AIA (First Inventor to File) Status</b> No
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**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to communication filed on 11/26/2014 and telephone interview on 4/15/2015.  
☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on \_\_\_\_\_.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on \_\_\_\_\_; the restriction requirement and election have been incorporated into this action.

3. ☒ The allowed claim(s) is/are 1-28. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see [http://www.uspto.gov/patents/init\\_events/pph/index.jsp](http://www.uspto.gov/patents/init_events/pph/index.jsp) or send an inquiry to [PPHfeedback@uspto.gov](mailto:PPHfeedback@uspto.gov).

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

**Certified copies:**

a) ☐ All    b) ☐ Some    \*c) ☐ None of the:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.

3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.  
☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____ 3. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material 4. <input checked="" type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date <u>attached hereto</u> .	5. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 6. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 7. <input type="checkbox"/> Other _____.
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/XUYANG XIA/ Examiner, Art Unit 2143	/JENNIFER TO/ Supervisory Patent Examiner, Art Unit 2143
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**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Mr. Steven R. Vosen, Registration No. 45,186 on 4/15/2015.

3. The following claims had been amended as:

Claim 1 (Currently Amended): A system for generating code to provide content on a display of a device, said system comprising:

computer memory storing a registry of:

a) symbolic names required for evoking one or more web components each related to a set of inputs and outputs of a web service obtainable over a network, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and

b) the address of the web service;

an authoring tool configured to:

define a user interface (UI) object for presentation on the display, where said UI object corresponds to the web component included in said registry selected from the group consisting of an input of the web service and an output of the web service,

access said computer memory to select the symbolic name corresponding to the web component of the defined UI object,

associate the selected symbolic name with the defined UI object,

produce an Application including the selected symbolic name of the defined UI object, where said Application is a device-independent code, and

produce a Player, where said Player is a device-dependent code;

such that, when the Application and Player are provided to the device and executed on the device, and when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object,

1) the device provides the user provided one or more input values and corresponding input symbolic name to the web service,

2) the web service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name,

3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device to present an output value in the defined UI object.

Claim 2 (Currently Amended): The system of claim 1, where said registry includes definitions of input and output related to said web service.

Claim 12 (Currently Amended): A method of displaying content on a display of a device utilizing a registry of one or more web components related to inputs and outputs of a web service obtainable over a network, where each web component includes a

plurality of symbolic names of inputs and outputs associated with each web service, and where the registry includes: a) symbolic names required for evoking one or more web components each related to a set of inputs and outputs of a web service obtainable over a network, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and b) the address of the web service, said method comprising:

- defining a user interface (UI) object for presentation on the display, where said UI object corresponds to a web component included in said registry selected from the group consisting of an input of the web service and an output of the web service;

- selecting a symbolic name from said web component corresponding to the defined UI object;

- associating the selected symbolic name with the defined UI object;

- producing an Application including the selected symbolic name of the defined UI object, where said Application is a device-dependent code; and

- producing a Player, where said Player is a device-dependent code;

- such that, when the Application and Player are provided to the device and executed on the device, and when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object,

- 1) the device provides the user provided one or more input values and corresponding input symbolic name to the web service,

2) the web service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name,

3) said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device to present an output value in the defined UI object.

Claim 13 (Currently Amended): The method of claim 12, where said registry includes definitions of input and output related to said web service.

Claim 23 (Currently Amended): A method of providing information to a device having a display from a web component of a web service to a device on a network, said method comprising:

accepting, on the device, a first code over the network, where said first code is device-dependent;

accepting, on the device, a second code over the network, where said second code is device-independent and includes a plurality of symbolic names of inputs and outputs associated with the web service; and

executing said first code on the device,

where the symbolic names are provided from a registry of one or more web components related to inputs and outputs of a web service obtainable over a network,

where the web service requires both an input symbolic name and one or more associated input values and returns one or more output values having an

associated output symbolic name, and

where the registry includes

a) symbolic names required for evoking one or more web components each related to a set of inputs and outputs of a web service obtainable over a network, where the symbolic names are character strings that do not contain either a persistent address or pointer to an output value accessible to the web service, and

b) the address of the web service;

where said executing includes:

processing said symbolic names of the second code on the device,

transmitting processed instructions from the device to the web

service, and

accepting a third code on the device over the network, where said third code is a device-independent third code including the output of the web component provided by the web service over the network and in response to the second code.

4. The following is an examiner's statement of reasons for allowance:

The prior arts of record including the newly cited prior arts when taken individually or in combination do not expressly teach or render obvious the limitations recited in claims 1, 12 and 23, specifically an authoring tool configured to: define a user interface (UI) object for presentation on the display, where said UI object corresponds to the web component included in said registry selected from the group consisting of an

input of the web service and an output of the web service, access said computer memory to select the symbolic name corresponding to the web component of the defined UI object, associate the selected symbolic name with the defined UI object, produce an Application including the selected symbolic name of the defined UI object, where said Application is a device-independent code, and produce a Player, where said Player is a device-dependent code; such that, when the Application and Player are provided to the device and executed on the device, and when a user of the device provides one or more input values associated with an input symbolic name to an input of defined UI object, the device provides the user provided one or more input values and corresponding input symbolic name to the web service, the web service utilizes the input symbolic name and the user provided one or more input values for generating one or more output values having an associated output symbolic name, said Player receives the output symbolic name and corresponding one or more output values and provides instructions for a display of the device to present an output value in the defined UI object **when taken in the context of the claims as a whole.**

At best the previous prior arts of record, specifically **McCain (U.S. 2005/0273705)** discloses a method and system for automatically creating network software applications. An existing web-site is visited on a communications network. New electronic content and new functionality is added. Electronic content and functionality for a new web-site is automatically re-generated. A brand new web-site can also be created using one or more pre-existing solutions available from a solutions database. Electronic content and functionality for a new web-site is automatically re-generated selected



solutions. The method and system described here provides a tool set used to rapidly and automatically develop web-based applications. The method and system is used for automatically designing, implementing and deploying a new web-site or web-site application or enhancing existing web-sites or web-site applications. (Abstract, Fig. 1, [0081], [0113]) and **Benedetti (US 2005/0149935)** discloses a method and a corresponding system for scheduling invocation of web services from a central point of control. For this purpose, a scheduler (205) accesses a workload database (220), which associates an execution agent (210) and a descriptor (240) with each job to be submitted. In the proposed solution, the descriptor identifies a desired web service (255) and the address of the corresponding WSDL document (245), which specify the structure of the messages supported by the web service (for example, conforming to the SOAP specification); the descriptor also includes the actual content of a request message to be passed to the web service. Whenever the job is submitted for execution (according to a predefined plan), the scheduler sends its descriptor to the associated agent. In response thereto, the agent downloads the WSDL document of the corresponding web service; a request message (250) for the web service is then built embedding the desired content into the structure specified in the WSDL document. The agent sends the request message to an endpoint implementing the web service (as specified in the WSDL document), so as to cause its invocation. (Abstract, Fig. 2, [0035], [0036])

**Stina Nylander et al. "The Ubiquitous Interactor- Device Independent Access to Mobile Services" (Computer-Aided Design for User Interfaces IV,**

**Proceedings of the Fifth International Conference on Computer-Aided Design of User Interfaces CADUI'2004, January 2004, pp 271-282) (Chapter 22, 4. Design, 4.1 Interaction Acts, 4.2 Controlling the presentation)** discloses a system, the

Ubiquitous Interactor which addresses the problems of design and development arising around services that need to be accessed from many different devices. In Ubiquitous Interactor, the same service can present different user interfaces on different devices by separating user-service interaction from presentation. The interaction is kept the same for all devices, and different presentation information is provided for different devices. This way, tailored user interfaces for many different devices can be created without multiplying development and maintenance work. Interaction is defined as actions that services present to users, as well as preformed user actions, described in a modality independent way. By describing the user-service interaction this way, the interaction can be kept the same regardless of device used to access a service. The interaction is expressed in interaction acts that are exchanged between services and devices, User interfaces are generated based on interaction acts and additional presentation information. In UBI, presentation information is specified separately from user-service interaction. This allows for changes and updates in the presentation information without changing the service.

In addition, neither a reference uncovered that would have provided a basis of evidence for asserting a motivation, nor one of ordinary skilled in the art at the time the invention was made, knowing the teaching of the prior arts of record would have

combined them to arrive at the present invention as recited in the context of independent claims 1, 12 and 23 and as a whole.

Thus, claims 1, 12 and 23 are allowed over the prior arts of record.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to XUYANG XIA whose telephone number is (571)270-3045. The examiner can normally be reached on Monday-Friday 7:30am-5pm, every other Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jennifer To can be reached on (571)272-7212. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

/JENNIFER TO/

Supervisory Patent Examiner, Art Unit 2143

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/XUYANG XIA/  
Examiner, Art Unit 2143



<b>Notice of References Cited</b>	Application/Control No. 12/936,395	Applicant(s)/Patent Under Reexamination REMPELL ET AL.	
	Examiner XUYANG XIA	Art Unit 2143	Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			


**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Stina Nylander et al. "The Ubiquitous Interactor- Device Independent Access to Mobile Services" (Computer-Aided Design for User Interfaces IV, Proceedings of the Fifth International Conference on Computer-Aided Design of User Interfaces CADUI'2004, January 2004, pp 271-282)
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<b>Search Notes</b>  	<b>Application/Control No.</b>  12936395	<b>Applicant(s)/Patent Under Reexamination</b>  REMPELL ET AL.
	<b>Examiner</b>  XUYANG XIA	<b>Art Unit</b>  2178

CPC- SEARCHED		
Symbol	Date	Examiner
G06F3/048	4/16/2015	xx


CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
715	738(combined with key word text search)	9/11/2012	xx

SEARCH NOTES		
Search Notes	Date	Examiner
Inventor Name Search for Double Patenting	9/10/2012	xx
EAST Search	9/11/2012	xx
EAST Search	3/18/2013	xx
EAST Search	10/1/2013	xx
EAST Search	2/20/2014	xx
EAST Search	4/16/2015	xx
Inventor Name Search for Double Patenting	4/16/2015	xx
Consulted with Jennifer To	4/15/2015	xx
Interference Search	4/16/2015	xx
NPL Search	4/16/2015	xx

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
G06F3	/048	4/16/2015	xx

/XUYANG XIA/ Examiner.Art Unit 2143	
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<b>Issue Classification</b> 	<b>Application/Control No.</b> 12936395	<b>Applicant(s)/Patent Under Reexamination</b> REMPELL ET AL.
	<b>Examiner</b> XUYANG XIA	<b>Art Unit</b> 2143

CPC					Type	Version
Symbol						
G06F		9		4443	F	2013-01-01

CPC Combination Sets					Type	Set	Ranking	Version
Symbol								


/XUYANG XIA/ Examiner.Art Unit 2143  (Assistant Examiner)	04/16/2015  (Date)	<b>Total Claims Allowed:</b> 28	
/JENNIFER TO/ Supervisory Patent Examiner.Art Unit 2143  (Primary Examiner)	04/20/2015  (Date)	O.G. Print Claim(s) 1	O.G. Print Figure Fig. 1A



<b>Issue Classification</b> 	<b>Application/Control No.</b> 12936395	<b>Applicant(s)/Patent Under Reexamination</b> REMPELL ET AL.
	<b>Examiner</b> XUYANG XIA	<b>Art Unit</b> 2143

US ORIGINAL CLASSIFICATION						INTERNATIONAL CLASSIFICATION										
CLASS		SUBCLASS				CLAIMED					NON-CLAIMED					
						G	0	6	F	3 / 048 (2013.01.01)						
CROSS REFERENCE(S)						G	0	6	F	9 / 44 (2006.01.01)						
						G	0	6	F	9 / 45 (2006.01.01)						
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)															

/XUYANG XIA/ Examiner.Art Unit 2143  (Assistant Examiner)	04/16/2015  (Date)	<b>Total Claims Allowed:</b> 28	
/JENNIFER TO/ Supervisory Patent Examiner.Art Unit 2143  (Primary Examiner)	04/20/2015  (Date)	O.G. Print Claim(s) 1	O.G. Print Figure Fig. 1A

<b>Issue Classification</b> 	<b>Application/Control No.</b> 12936395	<b>Applicant(s)/Patent Under Reexamination</b> REMPELL ET AL.
	<b>Examiner</b> XUYANG XIA	<b>Art Unit</b> 2143

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant <input type="checkbox"/> CPA <input type="checkbox"/> T.D. <input type="checkbox"/> R.1.47															
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2	2	18	18												
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12	12	28	28												
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/XUYANG XIA/ Examiner.Art Unit 2143  (Assistant Examiner)	04/16/2015  (Date)	<b>Total Claims Allowed:</b>  28	
/JENNIFER TO/ Supervisory Patent Examiner.Art Unit 2143  (Primary Examiner)	04/20/2015  (Date)	O.G. Print Claim(s)  1	O.G. Print Figure  Fig. 1A

<b><i>Index of Claims</i></b> 	<b>Application/Control No.</b> 12936395	<b>Applicant(s)/Patent Under Reexamination</b> REMPELL ET AL.
	<b>Examiner</b> XUYANG XIA	<b>Art Unit</b> 2178

✓	<b>Rejected</b>	-	<b>Cancelled</b>	N	<b>Non-Elected</b>	A	<b>Appeal</b>
=	<b>Allowed</b>	÷	<b>Restricted</b>	I	<b>Interference</b>	O	<b>Objected</b>

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant		<input type="checkbox"/> CPA		<input type="checkbox"/> T.D.		<input type="checkbox"/> R.1.47			
CLAIM		DATE							
Final	Original	09/10/2012	03/12/2013	10/01/2013	02/20/2014	04/16/2015			
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3	3	✓	✓	✓	✓	=			
4	4	✓	✓	✓	✓	=			
5	5	✓	✓	✓	✓	=			
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27	27	✓	✓	✓	✓	=			
28	28	✓	✓	✓	✓	=			

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20050273705"	US-PGPUB; USPAT	OR	ON	2015/04/16 09:04
L2	2	"20050149935"	US-PGPUB; USPAT	OR	ON	2015/04/16 09:09
L3	1	"12936395"	US-PGPUB; USPAT	OR	ON	2015/04/16 09:12
L4	1406	(device or machine) near5 (dependent or independent) web near5 service and (user adj interface) with (component or element or object) and @ad<"20080407"	US-PGPUB; USPAT	AND	ON	2015/04/16 10:04
L5	65	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407"	US-PGPUB; USPAT	AND	ON	2015/04/16 10:06
L6	0	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and 715/738.ccls	US-PGPUB; USPAT	AND	ON	2015/04/16 10:07
L7	7	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and "715".clas.	US-PGPUB; USPAT	AND	ON	2015/04/16 10:07
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L9	0	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and "715".clas. character (address with web)	US-PGPUB; USPAT	AND	ON	2015/04/16 10:09
L12	3	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and "715".clas. (text or character) (address with web)	US-PGPUB; USPAT	AND	ON	2015/04/16 10:10

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L15	0	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and G06F3/048.cpc. (text or character or string) (address with web)	US-PGPUB; USPAT	AND	ON	2015/04/16 10:13
L16	0	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and G06F3/\$4.cpc. (text or character or string) (address with web)	US-PGPUB; USPAT	AND	ON	2015/04/16 10:13
L19	0	(device or machine or platform) with independent same (player or engine or present\$6 or interpret\$4) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and G06F3/\$4.cpc. (text or character or string) (address with web)	US-PGPUB; USPAT	AND	ON	2015/04/16 10:14
S1	1	"20050273705"	US-PGPUB; USPAT	AND	ON	2012/09/11 09:34
S2	2	("2005/0273705").URPN.	USPAT	OR	ON	2012/09/11 09:34
S3	2	("2005/0273705").URPN.	USPAT	OR	ON	2012/09/11 09:34
S4	3507	chat web service object phone SMS	US-PGPUB; USPAT	AND	ON	2012/09/11 09:38
S5	32	chat web service object phone (SMS adj address) author\$4 input output	US-PGPUB; USPAT	AND	ON	2012/09/11 09:39
S6	0	device adj independent adj application adj code	US-PGPUB; USPAT	AND	ON	2012/09/11 14:52
S7	0	independent adj application adj code	US-PGPUB; USPAT	AND	ON	2012/09/11 14:52
S8	0	(machine or device) adj independent adj (code or program or application)	US-PGPUB; USPAT	AND	ON	2012/09/11 15:02
S9	1052	(machine or device) adj independent adj (code or program or application)	US-PGPUB;	AND	ON	2012/09/11 15:02

			USPAT			
S10	687	(machine or device) adj independent adj (code or program or application) object content	US-PGPUB; USPAT	AND	ON	2012/09/11 15:02
S11	428	(device) adj independent adj (code or program or application) object content	US-PGPUB; USPAT	AND	ON	2012/09/11 15:02
S12	397	(device) adj independent adj (code or program or application) object content network server	US-PGPUB; USPAT	AND	ON	2012/09/11 15:03
S13	51	(device) adj independent adj (code or program or application) object content network server video chat	US-PGPUB; USPAT	AND	ON	2012/09/11 15:03
S14	361	(device) adj independent adj (code or program or application) object content network server video	US-PGPUB; USPAT	AND	ON	2012/09/11 15:05
S15	2	(device) adj independent adj (code or program or application) same object same content network server video	US-PGPUB; USPAT	AND	ON	2012/09/11 15:06
S16	2	(device) adj independent adj (code or program or application) same object same content video	US-PGPUB; USPAT	AND	ON	2012/09/11 15:06
S17	15	(device) adj independent adj (code or program or application) same web same content	US-PGPUB; USPAT	AND	ON	2012/09/11 15:08
S18	15	(machine or device) adj independent adj (code or program or application) same web same content	US-PGPUB; USPAT	AND	ON	2012/09/11 15:14
S19	23	(machine or device) adj independent adj (code or program or application) same content not S18	US-PGPUB; USPAT	AND	ON	2012/09/11 15:14
S20	1143	database registry web adj service same (input or output)	US-PGPUB; USPAT	AND	ON	2013/03/12 16:10
S21	247	database registry web adj service same (input or output) user adj interface application player	US-PGPUB; USPAT	AND	ON	2013/03/12 16:11
S22	247	database registry web adj service same (input or output) user adj interface application player	US-PGPUB; USPAT	AND	ON	2013/03/12 16:11
S23	64	database registry web adj service same (input or output) user adj interface application player authoring	US-PGPUB; USPAT	AND	ON	2013/03/12 16:18
S24	1	database registry web adj service same (input or output) user adj interface application player authoring wysiwyg	US-PGPUB; USPAT	AND	ON	2013/03/12 16:18
S25	0	"12271692".ad.	US-PGPUB; USPAT	AND	ON	2013/03/12 16:26
S26	0	"12271692".ap.	US-PGPUB; USPAT	AND	ON	2013/03/12 16:26
S27	9	"12271692"	US-PGPUB; USPAT	AND	ON	2013/03/12 16:26
S28	9	authoring adj applications mobile adj device registry database	US-PGPUB;	AND	ON	2013/03/12 16:31

			USPAT			
S29	4940	authoring adj tool	US-PGPUB; USPAT	AND	ON	2013/03/12 16:42
S30	1589	authoring adj tool web adj server	US-PGPUB; USPAT	AND	ON	2013/03/12 16:42
S31	633	authoring adj tool web adj service	US-PGPUB; USPAT	AND	ON	2013/03/12 16:42
S32	266	authoring adj tool web adj service mobile	US-PGPUB; USPAT	AND	ON	2013/03/12 16:42
S33	239	authoring adj tool web adj service mobile user adj interface	US-PGPUB; USPAT	AND	ON	2013/03/12 16:42
S34	3	"20040163020"	US-PGPUB; USPAT	AND	ON	2013/06/04 15:41
S35	0	symboloc adj name web adj service registry and @ad<"20080507"	US-PGPUB; USPAT	AND	ON	2013/10/01 15:03
S36	0	symboloc adj name same web adj service registry and @ad<"20080507"	US-PGPUB; USPAT	AND	ON	2013/10/01 15:03
S37	0	symbolic adj name same web adj service registry same database and @ad<"20080507"	US-PGPUB; USPAT	AND	ON	2013/10/01 15:03
S38	1771	symbolic\$4 adj name @ad<"20080507"	US-PGPUB; USPAT	AND	ON	2013/10/01 15:04
S39	189	symbolic\$4 adj name web adj service @ad<"20080507"	US-PGPUB; USPAT	AND	ON	2013/10/01 15:04
S40	69	symbolic\$4 adj name web adj service registry database @ad<"20080507"	US-PGPUB; USPAT	AND	ON	2013/10/01 15:04
S41	74	symbolic\$4 near5 name web adj service registry database @ad<"20080507"	US-PGPUB; USPAT	AND	ON	2013/10/01 15:11
S42	5	symbolic\$4 near5 name web adj service registry database @ad<"20080507" not S40	US-PGPUB; USPAT	AND	ON	2013/10/01 15:11
S43	6	("2005/0149935").URPN.	USPAT	OR	ON	2013/10/01 15:12
S44	2	"20030233349"	US-PGPUB; USPAT	OR	ON	2013/10/01 15:53
S45	1	"12936395"	US-PGPUB; USPAT	OR	ON	2015/02/26 14:49
S46	1	"13614974"	US-PGPUB; USPAT	AND	ON	2015/02/26 14:55
S47	1	"12936395"	US-PGPUB; USPAT	AND	ON	2015/02/26 15:56

S48	1	"20050273705"	US-PGPUB; USPAT	AND	ON	2015/02/26 15:58
S49	2	"20050149935"	US-PGPUB; USPAT	AND	ON	2015/02/26 15:58
S50	2	"20060063518"	US-PGPUB; USPAT	AND	ON	2015/02/26 15:59
S51	2	@ad<"20080407" and author\$4 mobile same (software or application)	US-PGPUB; USPAT	AND	ON	2015/02/26 16:22
S52	1	"12936395" player with (trigger\$4 or activat\$4) with (application or software or UI) mobile	US-PGPUB; USPAT	AND	ON	2015/02/26 16:26
S53	458	@ad<"20080407" player with (trigger\$4 or activat\$4) with (application or software or UI) mobile	US-PGPUB; USPAT	AND	ON	2015/02/26 16:26
S54	53	@ad<"20080407" player with (trigger\$4 or activat\$4) with (application or software or UI) mobile web near3 service	US-PGPUB; USPAT	AND	ON	2015/02/26 16:26
S55	4238	@ad<"20080407" (trigger\$4 or activat\$4) with (application or software or UI) mobile web near3 service	US-PGPUB; USPAT	AND	ON	2015/02/26 16:27
S56	294	@ad<"20080407" (trigger\$4 or activat\$4) with (application or software or UI) same web near3 service mobile	US-PGPUB; USPAT	AND	ON	2015/02/26 16:28
S57	7	@ad<"20080407" (trigger\$4 or activat\$4) with (application or software or UI) same (input or output) with (web near3 service) mobile	US-PGPUB; USPAT	AND	ON	2015/02/26 16:31
S58	0	@ad<"20080407" portable near5 (web near3 service) same (trigger or activat\$4 or flag\$4 or condition\$4 or event\$4 or criteria) user adj interface same (symbol\$4 or reference)	US-PGPUB; USPAT	AND	ON	2015/02/27 08:28
S59	0	@ad<"20080407" portable near5 (web near3 service) same (trigger or activat\$4 or flag\$4 or condition\$4 or event\$4 or criteria)(user adj interface) same (symbol\$4 or reference)	US-PGPUB; USPAT	AND	ON	2015/02/27 08:28
S60	3	@ad<"20080407" portable with (web near3 service) same (trigger or activat\$4 or flag\$4 or condition\$4 or event\$4 or criteria)(user adj interface) same (symbol\$4 or reference)	US-PGPUB; USPAT	AND	ON	2015/02/27 08:28
S61	72	@ad<"20080407" (web near3 service) same (trigger or activat\$4 or flag\$4 or condition\$4 or event\$4 or criteria)(user adj interface ) near5 object same (symbol\$4 or reference)	US-PGPUB; USPAT	AND	ON	2015/02/27 08:29
S62	23	@ad<"20080407" (web near3 service) device near5 (independent and dependent) with (code or software or application)	US-PGPUB; USPAT	AND	ON	2015/02/27 08:51
S63	0	@ad<"20080407" (web near3 service) with (machine or device) near5 (independent) (machine or device) near5 dependent with (trigger\$4 or activat\$4 or rule\$4 or	US-PGPUB; USPAT	AND	ON	2015/02/27 11:21



		play\$4)				
S64	78	@ad<"20080407" (web near3 service) with (machine or device) near5 (independent)	US-PGPUB; USPAT	AND	ON	2015/02/27 11:21
S65	53	@ad<"20080407" (web near3 service) with (machine or device) near5 (independent) (trigg\$4 or activat\$4 or play\$4)	US-PGPUB; USPAT	AND	ON	2015/02/27 11:23
S66	1	"12936395"	US-PGPUB; USPAT	AND	ON	2015/03/16 10:10
S67	1	"12936395"	US-PGPUB; USPAT	AND	ON	2015/03/16 10:13
S68	31	("2008/0127179").URPN.	USPAT	OR	ON	2015/03/16 11:13
S69	4	("2006/0063518").URPN.	USPAT	OR	ON	2015/03/16 11:16
S70	99	(device or system or platform) with (in\$1dependent or dependent or specific or inter\$1opera\$6) with (web near3 service) same engine and @ad<"20080407"	US-PGPUB; USPAT	AND	ON	2015/03/16 11:21
S71	4	("2008/0288918").URPN.	USPAT	OR	ON	2015/03/16 11:39
S72	101	(device or system or platform or machine) with (independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) with (web near3 service) same engine and @ad<"20080407"	US-PGPUB; USPAT	AND	ON	2015/03/16 11:42
S73	70	(device or system or platform or machine) near5 (independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) with (web near3 service) same engine and @ad<"20080407"	US-PGPUB; USPAT	AND	ON	2015/03/16 11:42
S74	0	(device or system or platform or machine) with (independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) with (web near3 service) same engine and @ad<"20080407" not S72	US-PGPUB; USPAT	AND	ON	2015/03/16 13:20
S75	31	(device or system or platform or machine) with (independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) with (web near3 service) same engine and @ad<"20080407" not S73	US-PGPUB; USPAT	AND	ON	2015/03/16 13:20
S76	45	(device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) with (web near3 service) same engine and @ad<"20080407" not S73	US-PGPUB; USPAT	AND	ON	2015/03/16 13:23
S77	14	(device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) with (web near3 service) same engine and @ad<"20080407" not S72	US-PGPUB; USPAT	AND	ON	2015/03/16 13:24
S78	21	(device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or	US-PGPUB; USPAT	AND	ON	2015/03/16 13:24

		inter\$1chang\$4) with (web near3 service) same (engine or player) and @ad<"20080407" not S72				
S79	52	(device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) with (web near3 service) same (engine or player or interpre\$4) and @ad<"20080407" not S72	US-PGPUB; USPAT	AND	ON	2015/03/16 14:02
S80	31	(device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) with (web near3 service) same (engine or player or interpre\$4) and @ad<"20080407" not S72 not S78	US-PGPUB; USPAT	AND	ON	2015/03/16 14:03
S81	396	(device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) same (web near3 service) same (engine or player or interpre\$4) and @ad<"20080407" not S72 not S78	US-PGPUB; USPAT	AND	ON	2015/03/16 14:08
S82	0	(device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) same (web near3 service) same (engine or player or interpre\$4) same (user near3 interace) near5 (object or element or component) and @ad<"20080407" not S72 not S78	US-PGPUB; USPAT	AND	ON	2015/03/16 14:09
S83	2	(device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) same (web near3 service) same (engine or player or interpre\$4) same (user near3 interface) near5 (object or element or component) and @ad<"20080407" not S72 not S78	US-PGPUB; USPAT	AND	ON	2015/03/16 14:09
S84	3	(device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) same (web near3 service) same (engine or player or interpre\$4 or invok\$4) same (user near3 interface) near5 (object or element or component) and @ad<"20080407" not S72 not S78	US-PGPUB; USPAT	AND	ON	2015/03/16 14:16
S85	0	(engine or interpret\$4 or activa\$5 or trigg\$4 or invok\$4) with (device or system or platform or machine) near5 (dependent or specific) same (web near3 service) with (user near5 interface) near5 (component or element or object) and @ad<"20080407" not S72 not S79	US-PGPUB; USPAT	AND	ON	2015/03/16 14:20
S86	2	(engine or interpret\$4 or activa\$5 or trigg\$4 or invok\$4) with (device or system or platform or machine) near5 (dependent or specific) same (web near3 service) same (user near5 interface) near5 (component or element or object) and @ad<"20080407" not S72 not S79	US-PGPUB; USPAT	AND	ON	2015/03/16 14:21
S87	2	(engine or interpret\$4 or activa\$5 or trigg\$4 or invok\$4) with (device or system	US-PGPUB;	AND	ON	2015/03/16 14:21

		or platform or machine) with (dependent or specific) same (web near3 service) same (user near5 interface) near5 (component or element or object) and @ad<"20080407" not S72 not S79	USPAT			
S88	3	(engine or interpret\$4 or activa\$5 or trigg\$4 or invok\$4) same (device or system or platform or machine) with (dependent or specific) same (web near3 service) same (user near5 interface) near5 (component or element or object) and @ad<"20080407" not S72 not S79	US-PGPUB; USPAT	AND	ON	2015/03/16 14:22
S89	330	(engine or interpret\$4 or activa\$5 or trigg\$4 or invok\$4 or player) same (web near3 service) same (user near5 interface) near5 (component or element or object) and @ad<"20080407" not S72 not S79	US-PGPUB; USPAT	AND	ON	2015/03/16 14:23
S90	32	(engine or interpret\$4 or activa\$5 or trigg\$4 or invok\$4 or player) same format\$4 same (web near3 service) same (user near5 interface) near5 (component or element or object) and @ad<"20080407" not S72 not S79	US-PGPUB; USPAT	AND	ON	2015/03/16 14:24
S91	86	(format\$4 or input\$4 or output\$4) with (web near3 service) same (user near5 interface) near5 (component or element or object) and @ad<"20080407" not S72 not S79	US-PGPUB; USPAT	AND	ON	2015/03/16 14:36
S92	5	@ad<"20080407" (input or output) with (web near5 service) same (engine or player or invok\$4 or activat\$4 or trigger) with (user near3 interface or UI) near5 (object or component or element)	US-PGPUB; USPAT	AND	ON	2015/03/16 15:00
S93	5	@ad<"20080407" (input or output) with (web near5 service) same (engine or player or invok\$4 or activat\$4 or trigg\$4) with (user near3 interface or UI) near5 (object or component or element)	US-PGPUB; USPAT	AND	ON	2015/03/16 15:00
S94	69	@ad<"20080407" (input and output) with (web near3 service) same (player or engine)	US-PGPUB; USPAT	AND	ON	2015/03/16 15:48
S95	3	("2006/0047668").URPN.	USPAT	OR	ON	2015/03/16 16:29
S96	110	@ad<"20080407" (input and output) with (web near3 service) (player or engine) with (specific or dependent)	US-PGPUB; USPAT	AND	ON	2015/03/16 16:39
S97	71	@ad<"20080407" (input and output) with (web near3 service) (player or engine) with (specific or dependent) not S94	US-PGPUB; USPAT	AND	ON	2015/03/16 16:39
S98	98	@ad<"20080407" (input and output) with (web near3 service) (player or engine or invok\$4) with (specific or dependent) not S94 not S97	US-PGPUB; USPAT	AND	ON	2015/03/16 16:50
S99	113	@ad<"20080407" (input and output) with (web near3 service) same (player or engine or invok\$4) not S94 not S97	US-PGPUB; USPAT	AND	ON	2015/03/16 16:52
S100	17	@ad<"20080407" (input and output) with (web near3 service) same (player or engine or invok\$4) (UI or (user near5	US-PGPUB; USPAT	AND	ON	2015/03/16 16:53

		interface)) near5 (component or element or object) not S94 not S97				
S101	1	"12936395"	US-PGPUB; USPAT	AND	ON	2015/03/17 10:29
S102	0	@ad<"20080407" (player or engine) with interpret\$4 same (web near5 service)	US-PGPUB; USPAT	AND	ON	2015/03/17 10:37
S103	161	@ad<"20080407" (player or engine) with (invork\$4 or interpret\$5) same (web near5 service)	US-PGPUB; USPAT	AND	ON	2015/03/17 10:39
S104	125	@ad<"20080407" (player or engine) with (invork\$4 or interpret\$5) same (web near5 service) (UI or user adj interface)	US-PGPUB; USPAT	AND	ON	2015/03/17 10:39
S105	0	@ad<"20080407" (player or engine) with (invork\$4 or interpret\$5) same (application) with (device or platform or system) near5 (independent or generic) same (web near5 service) (UI or user adj interface)	US-PGPUB; USPAT	AND	ON	2015/03/17 10:41
S106	4	@ad<"20080407" (player or engine) with (invork\$4 or interpret\$5) same (device or platform or system) near5 (independent or generic) same (web near5 service) (UI or user adj interface)	US-PGPUB; USPAT	AND	ON	2015/03/17 10:41
S107	7	@ad<"20080407" (player or engine) with (invork\$4 or interpret\$5) same (device or platform or system) near5 (independent or generic) (web near5 service) same (UI or user adj interface)	US-PGPUB; USPAT	AND	ON	2015/03/17 10:45
S108	69	@ad<"20080407" (input and output) with (web near3 service) same (player or engine)	US-PGPUB; USPAT	AND	ON	2015/03/17 14:52
S109	71	@ad<"20080407" (input and output) with (web near3 service) (player or engine) with (specific or dependent) not S108	US-PGPUB; USPAT	AND	ON	2015/03/17 14:52
S110	7303	@ad<"20080407" (web near3 service) same (player or engine or interpret\$6) not S108 not S109	US-PGPUB; USPAT	AND	ON	2015/03/17 14:52
S111	1540	@ad<"20080407" (web near3 service) same (player or engine or interpret\$6) not S108 not S109 (UI or (user adj interface)) near5 (object or component or element)	US-PGPUB; USPAT	AND	ON	2015/03/17 14:53
S112	610	@ad<"20080407" (web near3 service) same (player or engine or interpret\$6) not (UI or (user adj interface)) near5 (object or component or element) registry author\$6	US-PGPUB; USPAT	AND	ON	2015/03/17 14:54
S113	62	@ad<"20080407" and (independent or generic or cross-platform or (non\$1device or non\$1machine or non\$1platform) adj specific) same (web near3 service) same (player or engine or interpret\$6) not (UI or (user adj interface)) near5 (object or component or element) registry author\$6	US-PGPUB; USPAT	AND	ON	2015/03/17 14:59
S114	74	@ad<"20080407" and (independent or generic or cross-platform or (non\$1device or non\$1machine or non\$1platform) adj specific or interopera\$4) same (web near3	US-PGPUB; USPAT	AND	ON	2015/03/17 15:00

		service) same (player or engine or interpret\$6) not (UI or (user adj interface)) near5 (object or component or element) registry author\$6				
S115	355	@ad<"20080407" mobile same (application and (engine or player or interpret\$5)) same (web near4 service)	US-PGPUB; USPAT	AND	ON	2015/03/17 15:27
S116	5	@ad<"20080407" mobile same (application and (engine or player or interpret\$5)) same (web near4 service) same (UI or (user adj interface)) near5 (component or element or object)	US-PGPUB; USPAT	AND	ON	2015/03/17 15:28
S117	99	@ad<"20080407" (application and (engine or player or interpret\$5)) same (web near4 service) same (UI or (user adj interface)) near5 (component or element or object)	US-PGPUB; USPAT	AND	ON	2015/03/17 15:36
S118	30	("2007/0118844").URPN.	USPAT	OR	ON	2015/03/17 16:04
S119	95	@ad<"20080407" portable same (web near3 service) with mobile	US-PGPUB; USPAT	AND	ON	2015/03/17 17:47
S120	18	@ad<"20080407" portable same (web near3 service) with mobile (UI or user adj interface) near5 (element or object or component)	US-PGPUB; USPAT	AND	ON	2015/03/17 17:49
S121	11	@ad<"20080407" (portable or interoperab\$4) same (web near3 service) with mobile and ("715".clas. or "345".clas.)	US-PGPUB; USPAT	AND	ON	2015/03/18 11:32
S122	299	@ad<"20080407" distribut\$4 same (web near3 service) with mobile	US-PGPUB; USPAT	AND	ON	2015/03/18 11:33
S123	0	@ad<"20080407" distribut\$4 same (web near3 service) with mobile same (upgrad\$4 or patch\$4)	US-PGPUB; USPAT	AND	ON	2015/03/18 11:34
S124	33	@ad<"20080407" (web near3 service) with mobile same (upgrad\$4 or patch\$4)	US-PGPUB; USPAT	AND	ON	2015/03/18 11:34
S125	32	("2008/0127179").URPN.	USPAT	OR	ON	2015/03/18 13:43
S126	705538	@ad<"20080407" (release\$4 or distribut\$4) with mobile same UI or (user adj interface)	US-PGPUB; USPAT	AND	ON	2015/03/18 13:56
S127	130181	@ad<"20080407" (release\$4 or distribut\$4) with mobile same (web near5 service) same UI or (user adj interface) near5 (component or element or object)	US-PGPUB; USPAT	AND	ON	2015/03/18 13:57
S128	23	@ad<"20080407" (release\$4 or distribut\$4) with (application or software) same (web near5 service) same (UI or (user adj interface)) near5 (component or element or object)	US-PGPUB; USPAT	AND	ON	2015/03/18 13:58
S129	101	(device or system or platform or machine) with (independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) with (web near3 service) same engine and @ad<"20080407"	US-PGPUB; USPAT	AND	ON	2015/03/18 14:07
S130	21	(device or system or platform or machine)	US-	AND	ON	2015/03/18

		with (generic or independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) with (web near3 service) same (engine or player) and @ad<"20080407" not S129	PGPUB; USPAT			14:07
S131	47	(distribut\$ or releas\$4) same (device or system or platform or machine) with (generic or independent or dependent or specific or inter\$1opera\$6 or inter\$1chang\$4) same (web near3 service) same (engine or player or interpre\$4) and @ad<"20080407" not S129 not S130	US-PGPUB; USPAT	AND	ON	2015/03/18:14:07

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L10	0	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and "715".cls. character (address with web)	US-PGPUB; USPAT; UPAD	AND	ON	2015/04/16:10:09
L11	0	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and 715/738.ccls. character (address with web)	US-PGPUB; USPAT; UPAD	AND	ON	2015/04/16:10:10
L17	0	(device or machine or platform) with independent same (player or engine or present\$6) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and G06F3/\$4.cpc. (text or character or string) (address with web)	US-PGPUB; USPAT; UPAD	AND	ON	2015/04/16:10:14
L18	0	(device or machine or platform) with independent same (player or engine or present\$6 or interpret\$4) web near5 service same (user adj interface) with (component or element or object) and @ad<"20080407" and G06F3/\$4.cpc. (text or character or string) (address with web)	US-PGPUB; USPAT; UPAD	AND	ON	2015/04/16:10:14

**4/ 16/ 2015 10:15:32 AM****C:\ Users\ xxia\ Documents\ EAST\ Workspaces\ 12936395.wsp**

# PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
**or Fax (571)-273-2885**

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

40280 7590 05/04/2015  
**STEVEN VOSEN**  
**1563 SOLANO AVENUE #206**  
**BERKELEY, CA 94707**

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/936,395	11/03/2010	Steven H. Rempell	XPR.002US0	2369

TITLE OF INVENTION: SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$480	\$0	\$0	\$480	08/04/2015

EXAMINER	ART UNIT	CLASS-SUBCLASS
XIA, XUYANG	2143	715-738000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) The names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Steven R. Vosen  
2 \_\_\_\_\_  
3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Express Mobile, Inc.

Novato, CA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee  
☐ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.  
☒ Payment by credit card. Form PTO-2038 is attached: Via EFS Website  
☐ The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ Applicant certifying micro entity status. See 37 CFR 1.29  
☐ Applicant asserting small entity status. See 37 CFR 1.27  
☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /Steven R. Vosen/

Date May 19, 2015

Typed or printed name Steven R. Vosen

Registration No. 45,186

Electronic Patent Application Fee Transmittal				
Application Number:		12936395		
Filing Date:		03-Nov-2010		
Title of Invention:		SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES		
First Named Inventor/Applicant Name:		Steven H. Rempell		
Filer:		Steven R Vosen/Christine Chan		
Attorney Docket Number:		XPR.002US0		
Filed as Small Entity				
Filing Fees for U.S. National Stage under 35 USC 371				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Utility Appl Issue Fee	2501	1	480	480



Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				480

<b>Electronic Acknowledgement Receipt</b>	
<b>EFS ID:</b>	22389538
<b>Application Number:</b>	12936395
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	2369
<b>Title of Invention:</b>	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES
<b>First Named Inventor/Applicant Name:</b>	Steven H. Rempell
<b>Customer Number:</b>	40280
<b>Filer:</b>	Steven R Vosen/Christine Chan
<b>Filer Authorized By:</b>	Steven R Vosen
<b>Attorney Docket Number:</b>	XPR.002US0
<b>Receipt Date:</b>	19-MAY-2015
<b>Filing Date:</b>	03-NOV-2010
<b>Time Stamp:</b>	16:31:13
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### **Payment information:**

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$480
RAM confirmation Number	3307
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

<b>File Listing:</b>					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	XPR002US0_Transmittal_Form.pdf	178784 4fb53e72a1d7b4fa9d96c28ac89a1102fb9f0de8	no	1
<b>Warnings:</b>					
<b>Information:</b>					
2	Issue Fee Payment (PTO-85B)	XPR002US0_Part_B_Fees.pdf	1604284 14a940675140d55b904676fda9a8076bc092db5c	no	1
<b>Warnings:</b>					
<b>Information:</b>					
3	Fee Worksheet (SB06)	fee-info.pdf	30738 0900116dd59dbc5d5cd0d6a264fcb2f133d5240	no	2
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			1813806		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>          If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>          If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>          If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	12/936,395
	Filing Date	November 3, 2010
	First Named Inventor	Steven H. Rempell
	Art Unit	2143
	Examiner Name	Xuyang Xia
Total Number of Pages in This Submission	Attorney Docket Number	XPR.002US0

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Issue Fee Form (1 pg)
Remarks The Issue Fee is being paid in regards to the Notice of Allowance mailed on May 4, 2015		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name		
Signature	/Steven R. Vosen/	
Printed name	Steven R. Vosen	
Date	May 19, 2015	Reg. No. 45,186

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/936,395	06/23/2015	9063755	XPR.002US0	2369
40280	7590	06/03/2015		
STEVEN VOSEN 1563 SOLANO AVENUE #206 BERKELEY, CA 94707				

### ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

#### **Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)** (application filed on or after May 29, 2000)

The Patent Term Adjustment is 154 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Steven H. Rempell, Novato, CA;  
David Chrobak, Clayton, CA;  
Ken Brown, San Martin, CA;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit [SelectUSA.gov](http://SelectUSA.gov).

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 9,063,755

APPLICATION NO.: 12/936,395

ISSUE DATE : June 23, 2015

INVENTOR(S) : Rempell et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Biblio page:1, Assignee: Express Mobile, inc.,Novato, CA (US) - the "inc." should be -- Inc. --

Column 39, line 18, delete the text reading "Previously Presented".

### MAILING ADDRESS OF SENDER (Please do not use customer number below):

1563 Solano Avenue  
#206  
Berkeley, CA 94707

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

Electronic Acknowledgement Receipt	
EFS ID:	22802456
Application Number:	12936395
International Application Number:	
Confirmation Number:	2369
Title of Invention:	SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON MOBILE DEVICES
First Named Inventor/Applicant Name:	Steven H. Rempell
Customer Number:	40280
Filer:	Steven R Vosen/Christine Chan
Filer Authorized By:	Steven R Vosen
Attorney Docket Number:	XPR.002US0
Receipt Date:	01-JUL-2015
Filing Date:	03-NOV-2010
Time Stamp:	16:12:24
Application Type:	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	no				
<b>File Listing:</b>					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	XPR002US0_Trans_Certificate_of_Correction.pdf	79977 daad93ac669259a6d5bad8aa769b4178c2c0ace7	no	1
<b>Warnings:</b>					
<b>Information:</b>					

2	Request for Certificate of Correction	XPR002US0_Certificate_of_Correction.pdf	108546 849f906ca0bec20ecb60475f9a6c703449c9b68f	no	1
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>				188523	
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>  If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>  If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>  If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					



**UNITED STATES PATENT AND TRADEMARK OFFICE**

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Applicant: Rempell et al.

Patent No.: 9,063,755 Issue Date: June 23, 2015

Application No.: 12/936,395 Filed: November 3, 2010

Title: SYSTEMS AND METHODS FOR PRESENTING INFORMATION ON  
MOBILE DEVICES

Group Art Unit: 2143

Examiner: XIA, XUYANG

Docket No.: XPR.002US0

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Commissioner for Patents  
Office of Data Management  
Attention: Certificates of Correction Branch  
P.O. Box 1450  
Alexandria, VA 22313-1450

Request for a Certificate of Correction

Dear Commissioner:

Applicant respectfully requests that the attached Certificate of Correction be entered for the above-referenced issued patent.

The errors corrected were made by the Patent Office. According, no fee is submitted herewith.

Respectfully submitted,

July 1, 2015

1563 Solano Ave., #206  
Berkeley, CA 94705  
Tel: (510) 841-4711; Fax: (510) 280-2984

/Steven R. Vosen/  
Steven R. Vosen  
Registration No. 45,186

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 9,063,755 B2  
APPLICATION NO. : 12/936395  
DATED : June 23, 2015  
INVENTOR(S) : Rempell et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page, item 73, Assignee: Express Mobile, inc., Novato, CA (US) - the "inc." should be -- Inc. --.

In the claims

Column 39, line 18, Claim 21, delete the text reading "Previously Presented".

Signed and Sealed this  
Twentieth Day of October, 2015



Michelle K. Lee  
*Director of the United States Patent and Trademark Office*

AO 120 (Rev. 08/10)

<b>TO:</b> <b>Mail Stop 8</b> <b>Director of the U.S. Patent and Trademark Office</b> <b>P.O. Box 1450</b> <b>Alexandria, VA 22313-1450</b>	<b>REPORT ON THE</b> <b>FILING OR DETERMINATION OF AN</b> <b>ACTION REGARDING A PATENT OR</b> <b>TRADEMARK</b>
---	---

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been  
filed in the U.S. District Court \_\_\_\_\_ for the District of Delaware \_\_\_\_\_ on the following

☐ Trademarks or ☒ Patents. ( ☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED 3/1/2019	U.S. DISTRICT COURT for the District of Delaware
PLAINTIFF SHOPIFY INC. AND SHOPIFY (USA), INC.		DEFENDANT EXPRESS MOBILE, INC.
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 6,546,397	4/8/2003	Express Mobile
2 7,594,168	9/22/2009	Express Mobile
3 9,063,755	6/23/2015	Express Mobile
4 9,471,287	10/18/2016	Express Mobile
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading		
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK	
1			
2			
3			
4			
5			

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT		
CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director    Copy 3—Upon termination of action, mail this copy to Director  
Copy 2—Upon filing document adding patent(s), mail this copy to Director    Copy 4—Case file copy

AO 120 (Rev. 08/10)

<b>TO:</b> <b>Mail Stop 8</b> <b>Director of the U.S. Patent and Trademark Office</b> <b>P.O. Box 1450</b> <b>Alexandria, VA 22313-1450</b>	<b>REPORT ON THE</b> <b>FILING OR DETERMINATION OF AN</b> <b>ACTION REGARDING A PATENT OR</b> <b>TRADEMARK</b>
---	---

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court \_\_\_\_\_ for the Central District of California \_\_\_\_\_ on the following

☐ Trademarks or ☒ Patents. ( ☐ the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:19-cv-5110	DATE FILED 6/12/2019	U.S. DISTRICT COURT for the Central District of California
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT POSSIBLE WORLDWIDE, LLC
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,063,755 B2	6/23/2015	Express Mobile, Inc.
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT		
CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director    Copy 3—Upon termination of action, mail this copy to Director  
 Copy 2—Upon filing document adding patent(s), mail this copy to Director    Copy 4—Case file copy

AO 120 (Rev. 08/10)

<b>TO:</b> <b>Mail Stop 8</b> <b>Director of the U.S. Patent and Trademark Office</b> <b>P.O. Box 1450</b> <b>Alexandria, VA 22313-1450</b>	<b>REPORT ON THE</b> <b>FILING OR DETERMINATION OF AN</b> <b>ACTION REGARDING A PATENT OR</b> <b>TRADEMARK</b>
---	---

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been  
 filed in the U.S. District Court of Delaware on the following

☐ Trademarks or ☐ Patents. ( ☐ the patent action involves 35 U.S.C. § 292.);

DOCKET NO.	DATE FILED <b>10/11/2019</b>	U.S. DISTRICT COURT <b>of Delaware</b>
PLAINTIFF <b>Express Mobile, Inc.</b>		DEPENDANT <b>Web.com Group, Inc.</b>
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 <b>U.S. 6,546,397</b>	<b>4/8/2003</b>	<b>Express Mobile, Inc.</b>
2 <b>U.S. 7,594,168</b>	<b>9/22/2009</b>	<b>Express Mobile, Inc.</b>
3 <b>U.S. 9,063,755</b>	<b>6/23/2015</b>	<b>Express Mobile, Inc.</b>
4 <b>U.S. 9,471,287</b>	<b>10/18/2016</b>	<b>Express Mobile, Inc.</b>
5 <b>U.S. 9,928,044</b>	<b>3/27/2018</b>	<b>Express Mobile, Inc.</b>

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT		
CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director  
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

<b>TO:</b> <b>Mail Stop 8</b> <b>Director of the U.S. Patent and Trademark Office</b> <b>P.O. Box 1450</b> <b>Alexandria, VA 22313-1450</b>	<b>REPORT ON THE</b> <b>FILING OR DETERMINATION OF AN</b> <b>ACTION REGARDING A PATENT OR</b> <b>TRADEMARK</b>
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been  
 filed in the U.S. District Court of Delaware on the following

☐ Trademarks or ☐ Patents. ( ☐ the patent action involves 35 U.S.C. § 292.);

DOCKET NO.	DATE FILED <b>10/11/2019</b>	U.S. DISTRICT COURT <b>of Delaware</b>
PLAINTIFF <b>Express Mobile, Inc.</b>		DEPENDANT <b>GoDaddy.com, LLC</b>
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 <b>U.S. 6,546,397</b>	<b>4/8/2003</b>	<b>Express Mobile, Inc.</b>
2 <b>U.S. 7,594,168</b>	<b>9/22/2009</b>	<b>Express Mobile, Inc.</b>
3 <b>U.S. 9,063,755</b>	<b>6/23/2015</b>	<b>Express Mobile, Inc.</b>
4 <b>U.S. 9,471,287</b>	<b>10/18/2016</b>	<b>Express Mobile, Inc.</b>
5 <b>U.S. 9,928,044</b>	<b>3/27/2018</b>	<b>Express Mobile, Inc.</b>

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT		
CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director  
 Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

<b>TO:</b> <b>Mail Stop 8</b> <b>Director of the U.S. Patent and Trademark Office</b> <b>P.O. Box 1450</b> <b>Alexandria, VA 22313-1450</b>	<b>REPORT ON THE</b> <b>FILING OR DETERMINATION OF AN</b> <b>ACTION REGARDING A PATENT OR</b> <b>TRADEMARK</b>
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In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court \_\_\_\_\_ for the Central District of California \_\_\_\_\_ on the following

☐ Trademarks or ☒ Patents. ( ☐ the patent action involves 35 U.S.C. § 292.);

DOCKET NO. 2:19-cv-5110 GW-Ex	DATE FILED 6/12/2019	U.S. DISTRICT COURT for the Central District of California
PLAINTIFF EXPRESS MOBILE, INC.		DEFENDANT POSSIBLE WORLDWIDE, LLC
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 US 6,546,397 B1	4/8/2003	Express Mobile, Inc.
2 US 7,594,168 B2	9/22/2009	Express Mobile, Inc.
3 US 9,471,287 B2	10/18/2016	Express Mobile, Inc.
4 US 9,063,755 B2	6/23/2015	Express Mobile, Inc.
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY <input type="checkbox"/> Amendment <input type="checkbox"/> Answer <input type="checkbox"/> Cross Bill <input type="checkbox"/> Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
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In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT Voluntary Dismissal
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CLERK Kiry Gray	(BY) DEPUTY CLERK /s/ Margo Mead	DATE 10/21/2019
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Copy 1—Upon initiation of action, mail this copy to Director    Copy 3—Upon termination of action, mail this copy to Director  
 Copy 2—Upon filing document adding patent(s), mail this copy to Director    Copy 4—Case file copy