

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference XPR.002WO0	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US2009/039695	International filing date (<i>day/month/year</i>) 06 APRIL 2009 (06.04.2009)	(Earliest) Priority Date (<i>day/month/year</i>) 07 APRIL 2008 (07.04.2008)
Applicant EXPRESS MOBILE, INC. et al		

This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of:

- ☒ the international application in the language in which it was filed
☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. ☐ This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).

c. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box No. II)

3. ☐ **Unity of invention is lacking** (See Box No. III)

4. With regard to the title,

- ☒ the text is approved as submitted by the applicant.
☐ the text has been established by this Authority to read as follows:

5. With regard to the abstract,

- ☒ the text is approved as submitted by the applicant.
☐ the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 2A
☒ as suggested by the applicant.
☐ as selected by this Authority, because the applicant failed to suggest a figure.
☐ as selected by this Authority, because this figure better characterizes the invention.
b. ☐ none of the figure is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2009/039695**A. CLASSIFICATION OF SUBJECT MATTER***G06F 9/44(2006.01)i, G06F 17/00(2006.01)i, G06Q 50/00(2006.01)i*

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC: G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Utility models and applications for utility models since 1975

Japanese Utility models and applications for utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) "component", "object", "application"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2005-0273705 A1 (MCCAIN, R. C.) 08 December 2005 See Abstract, Paragraphs [0015, 0041-0044, 0071-0084], Claim 1, Figures 1-14 and their descriptions.	1-28
A	US 2007-0250606 A1 (TSEIHLIN, A. et al.) 25 October 2007 See Abstract, Paragraph [0038] and Claim 1.	1-28
A	US 2002-0194219 A1 (BRADLEY, G. W. et al.) 19 December 2002 See Abstract, Paragraphs [0039-0047] and Claim 1.	1-28
A	US 2002-0083097 A1 (WARRINGTON, S. P.) 27 June 2002 See Abstract and Paragraphs [0022-0025].	1-28
A	US 2007-0118844 A1 (HUANG, J. et al.) 24 May 2007 See Abstract and Paragraphs [0006-0008, 0058].	1-28



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"T" document published prior to the international filing date but later than the priority date claimed

"I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

21 AUGUST 2009 (21.08.2009)

Date of mailing of the international search report

21 AUGUST 2009 (21.08.2009)

Name and mailing address of the ISA/IR

Korean Intellectual Property Office
Government Complex-Daejeon, 139 Seonsa-ro, Seo-gu,
Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

LEE, Sang Hun

Telephone No. 82-42-481-5914



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/US2009/039695

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2005-0273705 A1	08.12.2005	None	
US 2007-0250606 A1	25.10.2007	None	
US 2002-0194219 A1	19.12.2002	CA 2381832 A1 CA 2344074 A1 US 2008-0098291 A1 US 7,313,757 B2	17.10.2002 17.10.2002 24.04.2008 25.12.2007
US 2002-0083097 A1	27.06.2002	CA 2322594 C CA 2322594 A1 US 7,194,682 B2	11.01.2005 06.04.2002 20.03.2007
US 2007-0118844 A1	24.05.2007	W0 2007-061926 A2 W0 2007-061926 A3	31.05.2007 07.05.2009

Form PCT/ISA/210 (patent family annex) (July 2008)

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To:
VOSEN, STEVEN R.
1563 SOLANO AVE., #206 BERKELEY CA 94707 USA

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

Date of mailing
(day/month/year) 21 AUGUST 2009 (21.08.2009)

Applicant's or agent's file reference
XPR.002WO0

FOR FURTHER ACTION

See paragraph 2 below

International application No.

PCT/US2009/039695

International filing date (day/month/year)

06 APRIL 2009 (06.04.2009)

Priority date(day/month/year)

07 APRIL 2008 (07.04.2008)

International Patent Classification (IPC) or both national classification and IPC

G06F 9/44(2006.01)i, G06F 17/00(2006.01)i, G06Q 50/00(2006.01)i

Applicant

EXPRESS MOBILE, INC. et al

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/KR
Korean Intellectual Property Office
Government Complex-Daejeon, 139
Seonsa-ro, Seo-gu, Daejeon 302
-701, Republic of Korea
Facsimile No. 82-42-472-7140



Date of completion of this opinion

21 AUGUST 2009 (21.08.2009)

Authorized officer

LEE, Sang Hun

Telephone No.82-42-481-5914



Form PCT/ISA/237 (cover sheet) (April 2007)

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2009/039695

Box No. I Basis of this opinion

1. With regard to the **language**, this opinion has been established on the basis of :
 - ☒ the international application in the language in which it was filed
 - ☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))
2. ☐ This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43*bis*.1(a))
3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, this opinion has been established on the basis of:
 - a. type of material
 - ☐ a sequence listing
 - ☐ table(s) related to the sequence listing
 - b. format of material
 - ☐ on paper
 - ☐ in electronic form
 - c. time of filing/furnishing
 - ☐ contained in the international application as filed.
 - ☐ filed together with the international application in electronic form.
 - ☐ furnished subsequently to this Authority for the purposes of search.
4. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
5. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/US2009/039695

**Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability;
citations and explanations supporting such statement**

1. Statement

Novelty (N)	Claims	1-28	YES
	Claims	None	NO
Inventive step (IS)	Claims	None	YES
	Claims	1-28	NO
Industrial applicability (IA)	Claims	1-28	YES
	Claims	None	NO

2. Citations and explanations :

Reference is made to the following document:
D1: US 2005-0273705 A1 (MCCAIN, R. C.) 08 December 2005

1. Novelty and Inventive Step

1.1 Independent claim 1

Claim 1 is a system for generating code to provide content on a display of a platform, said system comprising: a database of web services obtainable over a network; an authoring tool configured to: define an object for presentation on the display, select a component of a web service included in said database, associate said object with said selected component, and produce code that, when executed on the platform, provides said selected component on the display of the platform.

D1, which is considered to represent the most relevant state of the art to the subject matter of claim 1, discloses a network software design application creating system, comprising in combination: a project manager for automatically gathering, organizing and tracking resources for building web-based applications and for allowing switching between design related tasks and project management tasks; a solution engine for automatically integrating new application interfaces, specialized objects, parameters, system files, processes and functional components; an object engine for automatically managing the implementation of specialized objects; a component engine for automatically processing instructions, parameters, scripts, schemas, mark-up language tags, binaries including images, executables, and specialized objects, for storing plural component definition units in a mark-up language format, for automatically generating new software instructions necessary to create new user interfaces, reference system components, data base connections and communication protocol connections; an interface design tool for automatically integrating a markup language editor with word processing-like features, a source code editor, spell checker, and support for images, audio clips, video clips and scripts; a specialized web-browser with a template generator engine for automatically capturing a look, feel, content and functionality of any existing web-site and for storing any captured electronic information as an automatically generated template in a project; an objectizer for creating new specialized objects and for modifying existing specialized objects; and one or more database for storing specialized objects, projects and templates (See claim 1 of D1.).

Claim 1 differs from D1 in that claim 1 describes an authoring tool.

However, the authoring tool of claim 1 is merely a variation of the straightforward combination of the project manager, the solution engine, the object engine, the component engine, the interface design tool, the specialized web-browser with a template generator engine and the objectizer of D1 and a person skilled in the art would arrive at the claimed invention by general experimentation alone without exercising any ingenuity.

Therefore, claim 1 lacks an inventive step under PCT Article 33(3).

1.2 Dependent claims 2-11

Claims 2-11 are dependent on claim 1. The features added by claims 2-11 are considered to be a minor difference over the disclosure of D1, that falls under the general knowledge of a person skilled in the art (See abstract, paragraphs [0015, 0041-0044, 0071-0084], claim 1, figures 1-14 and their descriptions of D1.).

Therefore, claims 2-11 are considered to lack an inventive step under PCT Article 33(3).

(Continued on Supplemental Box)

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/US2009/039695

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of:

Box V

1.3 Independent claim 12

The technical feature of claim 12 is the same except the category aspect of the technical feature of claim 1.

Consequently, the subject matter of claim 12 is considered to lack an inventive step under PCT Article 33(3).

1.4 Dependent claims 13-22

Claims 13-22 are dependent on claim 12. The features added by claims 13-22 are considered to be a minor difference over the disclosure of D1, that falls under the general knowledge of a person skilled in the art (See abstract, paragraphs [0015, 0041-0044, 0071-0084], claim 1, figures 1-14 and their descriptions of D1.).

Therefore, claims 13-22 are considered to lack an inventive step under PCT Article 33(3).

1.5 Independent claim 23

Claim 23 is a method for providing information to a platform on a network, said method comprising: accepting a first code over the network, where said first code is platform-dependent; providing a second code over the network, where said second code is platform-independent; and executing said first code and said second code on the platform to provide web components obtained over the network.

D1, which is considered to represent the most relevant state of the art to the subject matter of claim 23, discloses a network software design application creating system (See claim 1 of D1.).

Claim 23 differs from D1 in that claim 23 describes a platform-dependent code and a platform-independent code.

However, the difference is merely a variation of the resources for building web-based applications, the new application interfaces, the specialized objects, the parameters, the system files, the functional components, the instructions, the new user interfaces, the reference system components, the binaries, the images, the audio clips, the video clips and the scripts disclosed in D1 (See claim 1 of D1.), and a person skilled in the art would arrive at the claimed invention by general experimentation alone without exercising any ingenuity.

Therefore, claim 23 lacks an inventive step under PCT Article 33(3).

1.6 Dependent claims 24-28

Claims 24-28 are dependent on claim 23. The features added by claims 24-28 are considered to be a minor difference over the disclosure of D1, that falls under the general knowledge of a person skilled in the art (See abstract, paragraphs [0015, 0041-0044, 0071-0084], claim 1, figures 1-14 and their descriptions of D1.).

Therefore, claims 24-28 are considered to lack an inventive step under PCT Article 33(3).

2. Industrial Applicability

Claims 1-28 are industrially applicable under PCT Article 33(4).

**ADVANCE E-MAIL
PCT**

From the INTERNATIONAL BUREAU

NOTIFICATION CONCERNING
TRANSMITTAL OF COPY OF INTERNATIONAL
PRELIMINARY REPORT ON PATENTABILITY
(CHAPTER I OF THE PATENT COOPERATION
TREATY)
(PCT Rule 44bis.1(c))

To:

VOSEN, Steven, R.
1563 Solano Ave., #206
Berkeley, CA 94707
ETATS-UNIS D'AMERIQUE

Date of mailing (<i>day/month/year</i>) 21 October 2010 (21.10.2010)		IMPORTANT NOTICE	
Applicant's or agent's file reference XPR.002WO0			
International application No. PCT/US2009/039695	International filing date (<i>day/month/year</i>) 06 April 2009 (06.04.2009)	Priority date (<i>day/month/year</i>) 07 April 2008 (07.04.2008)	
Applicant EXPRESS MOBILE, INC. et al			
<p>The International Bureau transmits herewith a copy of the international preliminary report on patentability (Chapter I of the Patent Cooperation Treaty)</p>			
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland		Authorized officer Philippe Becamel	
Facsimile No. +41 22 338 82 70		e-mail: pt12.pct@wipo.int	

Form PCT/IB/326 (January 2004)

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference XPR.002WO0	FOR FURTHER ACTION See item 4 below	
International application No. PCT/US2009/039695	International filing date (<i>day/month/year</i>) 06 April 2009 (06.04.2009)	Priority date (<i>day/month/year</i>) 07 April 2008 (07.04.2008)
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237		
Applicant EXPRESS MOBILE, INC.		

<p>1. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 <i>bis</i>.1(a).</p> <p>2. This REPORT consists of a total of 5 sheets, including this cover sheet.</p> <p>In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.</p>																										
<p>3. This report contains indications relating to the following items:</p> <table border="0"> <tr> <td><input checked="" type="checkbox"/></td> <td>Box No. I</td> <td>Basis of the report</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. II</td> <td>Priority</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. III</td> <td>Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. IV</td> <td>Lack of unity of invention</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Box No. V</td> <td>Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability, citations and explanations supporting such statement</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VI</td> <td>Certain documents cited</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VII</td> <td>Certain defects in the international application</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VIII</td> <td>Certain observations on the international application</td> </tr> </table>			<input checked="" type="checkbox"/>	Box No. I	Basis of the report	<input type="checkbox"/>	Box No. II	Priority	<input type="checkbox"/>	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability	<input type="checkbox"/>	Box No. IV	Lack of unity of invention	<input checked="" type="checkbox"/>	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability, citations and explanations supporting such statement	<input type="checkbox"/>	Box No. VI	Certain documents cited	<input type="checkbox"/>	Box No. VII	Certain defects in the international application	<input type="checkbox"/>	Box No. VIII	Certain observations on the international application
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<input type="checkbox"/>	Box No. VIII	Certain observations on the international application																								
<p>4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis .2).</p>																										

<p>The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland</p> <p>Facsimile No. +41 22 338 82 70</p>	<p>Date of issuance of this report 12 October 2010 (12.10.2010)</p>
	<p>Authorized officer Philippe Becamel</p> <p>e-mail: pt12.pct@wipo.int</p>

Form PCT/IB/373 (January 2004)

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To:

VOSEN, STEVEN R.

1563 SOLANO AVE., #206 BERKELEY CA 94707 USA

PCT**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

(PCT Rule 43bis.1)

Date of mailing
(day/month/year)

21 AUGUST 2009 (21.08.2009)

Applicant's or agent's file reference

XPR.002WO0

FOR FURTHER ACTION

See paragraph 2 below

International application No.

PCT/US2009/039695

International filing date (day/month/year)

06 APRIL 2009 (06.04.2009)

Priority date(day/month/year)

07 APRIL 2008 (07.04.2008)

International Patent Classification (IPC) or both national classification and IPC

G06F 9/44(2006.01)i, G06F 17/00(2006.01)i, G06Q 50/00(2006.01)i

Applicant

EXPRESS MOBILE, INC. et al

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

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For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/KR
Korean Intellectual Property Office
Government Complex-Daejeon, 139
Seonsa-ro, Seo-gu, Daejeon 302
-701, Republic of Korea
Facsimile No. 82-42-472-7140



Date of completion of this opinion

21 AUGUST 2009 (21.08.2009)

Authorized officer

LEE, Sang Hun

Telephone No.82-42-481-5914



Form PCT/ISA/237 (cover sheet) (April 2007)

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US2009/039695

Box No. I Basis of this opinion

1. With regard to the **language**, this opinion has been established on the basis of :
 - ☒ the international application in the language in which it was filed
 - ☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))
2. ☐ This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43*bis*.1(a))
3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, this opinion has been established on the basis of:
 - a. type of material
 - ☐ a sequence listing
 - ☐ table(s) related to the sequence listing
 - b. format of material
 - ☐ on paper
 - ☐ in electronic form
 - c. time of filing/furnishing
 - ☐ contained in the international application as filed.
 - ☐ filed together with the international application in electronic form.
 - ☐ furnished subsequently to this Authority for the purposes of search.
4. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
5. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/US2009/039695

**Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability;
citations and explanations supporting such statement**

1. Statement

Novelty (N)	Claims	1-28	YES
	Claims	None	NO
Inventive step (IS)	Claims	None	YES
	Claims	1-28	NO
Industrial applicability (IA)	Claims	1-28	YES
	Claims	None	NO

2. Citations and explanations :

Reference is made to the following document:
D1: US 2005-0273705 A1 (MCCAIN, R. C.) 08 December 2005

1. Novelty and Inventive Step

1.1 Independent claim 1

Claim 1 is a system for generating code to provide content on a display of a platform, said system comprising: a database of web services obtainable over a network; an authoring tool configured to: define an object for presentation on the display, select a component of a web service included in said database, associate said object with said selected component, and produce code that, when executed on the platform, provides said selected component on the display of the platform.

D1, which is considered to represent the most relevant state of the art to the subject matter of claim 1, discloses a network software design application creating system, comprising in combination: a project manager for automatically gathering, organizing and tracking resources for building web-based applications and for allowing switching between design related tasks and project management tasks; a solution engine for automatically integrating new application interfaces, specialized objects, parameters, system files, processes and functional components; an object engine for automatically managing the implementation of specialized objects; a component engine for automatically processing instructions, parameters, scripts, schemas, mark-up language tags, binaries including images, executables, and specialized objects, for storing plural component definition units in a mark-up language format, for automatically generating new software instructions necessary to create new user interfaces, reference system components, data base connections and communication protocol connections; an interface design tool for automatically integrating a markup language editor with word processing-like features, a source code editor, spell checker, and support for images, audio clips, video clips and scripts; a specialized web-browser with a template generator engine for automatically capturing a look, feel, content and functionality of any existing web-site and for storing any captured electronic information as an automatically generated template in a project; an objectizer for creating new specialized objects and for modifying existing specialized objects; and one or more database for storing specialized objects, projects and templates (See claim 1 of D1.).

Claim 1 differs from D1 in that claim 1 describes an authoring tool.

However, the authoring tool of claim 1 is merely a variation of the straightforward combination of the project manager, the solution engine, the object engine, the component engine, the interface design tool, the specialized web-browser with a template generator engine and the objectizer of D1 and a person skilled in the art would arrive at the claimed invention by general experimentation alone without exercising any ingenuity.

Therefore, claim 1 lacks an inventive step under PCT Article 33(3).

1.2 Dependent claims 2-11

Claims 2-11 are dependent on claim 1. The features added by claims 2-11 are considered to be a minor difference over the disclosure of D1, that falls under the general knowledge of a person skilled in the art (See abstract, paragraphs [0015, 0041-0044, 0071-0084], claim 1, figures 1-14 and their descriptions of D1.).

Therefore, claims 2-11 are considered to lack an inventive step under PCT Article 33(3).

(Continued on Supplemental Box)

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/US2009/039695

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of:

Box V

1.3 Independent claim 12

The technical feature of claim 12 is the same except the category aspect of the technical feature of claim 1.

Consequently, the subject matter of claim 12 is considered to lack an inventive step under PCT Article 33(3).

1.4 Dependent claims 13-22

Claims 13-22 are dependent on claim 12. The features added by claims 13-22 are considered to be a minor difference over the disclosure of D1, that falls under the general knowledge of a person skilled in the art (See abstract, paragraphs [0015, 0041-0044, 0071-0084], claim 1, figures 1-14 and their descriptions of D1.).

Therefore, claims 13-22 are considered to lack an inventive step under PCT Article 33(3).

1.5 Independent claim 23

Claim 23 is a method for providing information to a platform on a network, said method comprising: accepting a first code over the network, where said first code is platform-dependent; providing a second code over the network, where said second code is platform-independent; and executing said first code and said second code on the platform to provide web components obtained over the network.

D1, which is considered to represent the most relevant state of the art to the subject matter of claim 23, discloses a network software design application creating system (See claim 1 of D1.).

Claim 23 differs from D1 in that claim 23 describes a platform-dependent code and a platform-independent code.

However, the difference is merely a variation of the resources for building web-based applications, the new application interfaces, the specialized objects, the parameters, the system files, the functional components, the instructions, the new user interfaces, the reference system components, the binaries, the images, the audio clips, the video clips and the scripts disclosed in D1 (See claim 1 of D1.), and a person skilled in the art would arrive at the claimed invention by general experimentation alone without exercising any ingenuity.

Therefore, claim 23 lacks an inventive step under PCT Article 33(3).

1.6 Dependent claims 24-28

Claims 24-28 are dependent on claim 23. The features added by claims 24-28 are considered to be a minor difference over the disclosure of D1, that falls under the general knowledge of a person skilled in the art (See abstract, paragraphs [0015, 0041-0044, 0071-0084], claim 1, figures 1-14 and their descriptions of D1.).

Therefore, claims 24-28 are considered to lack an inventive step under PCT Article 33(3).

2. Industrial Applicability

Claims 1-28 are industrially applicable under PCT Article 33(4).

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First Named Inventor/Applicant Name:	Steven H. Rempell
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Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	XPR002US0C1_Transmittal_Form.pdf	163369 dea03fabdcad3bf031af5c7ca5b2f5498c2c83b5	no	1

Warnings:

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