

Examiner-Initiated Interview Summary	Application No.		Applicant(s)	
	11/484.510		CAVICCHIA, MARK A.	
	Examiner		Art Unit	
	JUNIOR MENDOZA		2423	

All participants (applicant, applicant's representative, PTO personnel):

(1) JUNIOR MENDOZA (3) _____

(2) PAUL BANGO (4) _____

Date of Interview: 04 September 2012.

Type: ☒ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☒ No.
If Yes, brief description: _____

Issues Discussed ☐101 ☐112 ☐102 ☐103 ☒Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: 1-45.

Identification of prior art discussed: N/A.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

The examiner suggested amending and including that "the application allows for the IPG to be configured by a user with respect to adding or deleting channels from any of the one or more MSOs or the one or more non-MSOs" to the independent claims in order to place the current application in conditions for allowance. The suggested feature is supported by paragraph [0040] of the application publication. The applicant agreed to the proposed changes.

Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

☐ Attachment

/Junior O Mendoza/ Examiner, Art Unit 2423	/VIVEK SRIVASTAVA/ Supervisory Patent Examiner, Art Unit 2423
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Notice of References Cited	Application/Control No. 11/484,510	Applicant(s)/Patent Under Reexamination CAVICCHIA, MARK A.	
	Examiner JUNIOR MENDOZA	Art Unit 2423	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2002/0053078 A1	05-2002	Holtz et al.	725/14
*	B	US-2003/0051246 A1	03-2003	Wilder et al.	725/49
	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.

Issue Classification 	Application/Control No. 11484510	Applicant(s)/Patent Under Reexamination CAVICCHIA, MARK A.	
	Examiner JUNIOR MENDOZA	Art Unit 2423	

CPC					Type	Version
Symbol						

CPC Combination Sets					Type	Set	Ranking	Version
Symbol								

/JUNIOR MENDOZA/ Examiner, Art Unit 2423 (Assistant Examiner)	09/06/2013 (Date)	Total Claims Allowed: 45	
/VIVEK SRIVASTAVA/ Supervisory Patent Examiner, Art Unit 2423 (Primary Examiner)	9/9/2013 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

Issue Classification 	Application/Control No. 11484510	Applicant(s)/Patent Under Reexamination CAVICCHIA, MARK A.
	Examiner JUNIOR MENDOZA	Art Unit 2423

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
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16	16	32	32												

/JUNIOR MENDOZA/ Examiner, Art Unit 2423 (Assistant Examiner)	09/06/2013 (Date)	Total Claims Allowed: 45	
/VIVEK SRIVASTAVA/ Supervisory Patent Examiner, Art Unit 2423 (Primary Examiner)	9/9/2013 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

Search Notes 	Application/Control No. 11484510	Applicant(s)/Patent Under Reexamination CAVICCHIA, MARK A.
	Examiner JUNIOR O MENDOZA	Art Unit 2423

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
725	59	9/6/2013	JM
725	48	9/6/2013	JM

SEARCH NOTES		
Search Notes	Date	Examiner
Updated EAST Text Search	9/6/2013	JM
Class 725 Plus Text Search	9/6/2013	JM
Inventor Search	9/6/2013	JM
www.google.com Search for: JumpTV Documentation	1/7/2010	JM
Consulted with Hunter Lonsberry	9/6/2013	JM
Consulted with Hai Tran	8/28/2013	JM
Consulted with Vivek Srivastava	9/6/2013	JM

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
All	Claim language search	9/6/2013	JM

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EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L16	3	(mso and cable and guide).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2013/09/06 14:01
L15	33	(mso and cable).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2013/09/06 14:01
L14	1	(mso and non-mso and cable).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2013/09/06 14:01
L13	177509	(mso non-mso cable).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2013/09/06 14:00
L12	188	(mso non-mso).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2013/09/06 14:00
L11	25	9 and 10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2013/09/06 13:58
L10	163	725/48.ccls. and @ad<="20060710"	US-PGPUB; USPAT;	OR	ON	2013/09/06 13:58

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L6	10	("2006/0150214").URPN.	USPAT	OR	ON	2013/09/06 13:57
L5	23	("20030051246" "20030135856" "20040078807" "20040172654" "20060015903" "20060037046" "20060150214" "20060259926" "20070094684" "20070157248" "3619583" "5784095" "5883677" "6072983" "6340997" "6628301" "7024676" "7036137" "7240356" "7313806" "7389523" "7533400" "7793321").PN.	US- PGPUB; USPAT; USOCR	OR	ON	2013/09/06 13:51
L3	141	("2002/0053078").URPN.	USPAT	OR	ON	2013/09/06 13:50
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S170	225	(integrat\$4 master\$4) near2 (EPG GUI PG UPG ((program tv television grid interactive) near3 (menu schedule\$3 list\$3 guide table))) same (cable satellite cit\$4)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2013/09/05 17:56
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S167	531	S166 and mso	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2013/09/05 17:23
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			USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB			
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S156	78	"725".clas. and S155	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2013/04/01 16:01
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			EPO; JPO; IBM_TDB			
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S150	2	"10/762812"	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2013/03/29 19:03
S149	0	"10762812"	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2013/03/29 19:03
S148	2	("20020112239" "6532589").PN.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2013/03/29 19:02
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9/6/2013 2:17:47 PM

**C:\Users\jmendoza\Documents\EAST\Workspaces\11484510 Global IPG for Cell Phone
and Sending Content from Cell Phone to TV.wsp**

<i>Index of Claims</i> 	Application/Control No. 11484510	Applicant(s)/Patent Under Reexamination CAVICCHIA, MARK A.
	Examiner JUNIOR MENDOZA	Art Unit 2423

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

☐ Claims renumbered in the same order as presented by applicant		☐ CPA		☐ T.D.		☐ R.1.47				
CLAIM		DATE								
Final	Original	08/08/2008	05/28/2009	01/07/2010	06/29/2010	06/01/2011	01/20/2012	11/05/2012	04/01/2013	09/06/2013
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36	36	✓	✓	✓	✓	✓	✓	✓	✓	=

<i>Index of Claims</i> 	Application/Control No. 11484510	Applicant(s)/Patent Under Reexamination CAVICCHIA, MARK A.
	Examiner JUNIOR MENDOZA	Art Unit 2423

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

☐ Claims renumbered in the same order as presented by applicant		☐ CPA		☐ T.D.		☐ R.1.47				
CLAIM		DATE								
Final	Original	08/08/2008	05/28/2009	01/07/2010	06/29/2010	06/01/2011	01/20/2012	11/05/2012	04/01/2013	09/06/2013
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45	45	✓	✓	✓	✓	✓	✓	✓	✓	=

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)

24122 7590 10/07/2013
CLARK HILL THORP REED
ONE OXFORD CENTRE
301 GRANT STREET, 14TH FLOOR
PITTSBURGH, PA 15219-1425

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.
11/484,510	07/10/2006	Mark A. Cavicchia	DB001229-000	9918

TITLE OF INVENTION: Global Interactive program guide application and device

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$890 \$480	\$300 AC	\$0	\$1190 \$480	01/07/2014
EXAMINER	ART UNIT	CLASS-SUBCLASS				
MENDOZA, JUNIOR O	2423	725-039000				

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 **Paul D. Bangor, Jr.**
2 **Clark Hill Thorp Reed**
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 credit any overpayment, to Deposit Account Number **200888** (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 form 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: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Paul D. Bangor, Jr.

Typed or printed name Paul D. Bangor, Jr.

Date January 7, 2014

Registration No. 34768

This collection of information 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.

Electronic Patent Application Fee Transmittal				
Application Number:		11484510		
Filing Date:		10-Jul-2006		
Title of Invention:		Global Interactive program guide application and device		
First Named Inventor/Applicant Name:		Mark A. Cavicchia		
Filer:		Paul D. Bangor/Nancy White		
Attorney Docket Number:		DB001229-000		
Filed as Small Entity				
Utility under 35 USC 111(a) 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:				
Utility Appl Issue Fee	2501	1	480	480
Publ. Fee- Early, Voluntary, or Normal	1504	1	0	0

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				480

Electronic Acknowledgement Receipt	
EFS ID:	17838721
Application Number:	11484510
International Application Number:	
Confirmation Number:	9918
Title of Invention:	Global Interactive program guide application and device
First Named Inventor/Applicant Name:	Mark A. Cavicchia
Customer Number:	24122
Filer:	Paul D. Bangor/Nancy White
Filer Authorized By:	Paul D. Bangor
Attorney Docket Number:	DB001229-000
Receipt Date:	07-JAN-2014
Filing Date:	10-JUL-2006
Time Stamp:	13:34:23
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$480
RAM confirmation Number	11851
Deposit Account	200888
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	Issue Fee Payment (PTO-85B)	140107_3.pdf	122106 0061122ca096a141d0118ee197720076 d1048	no	2
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	31907 5ed0e0b0d0d62cc80580b045018cda0902fd 31095	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			154013		
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. <u>New Applications Under 35 U.S.C. 111</u> 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. <u>National Stage of an International Application under 35 U.S.C. 371</u> 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. <u>New International Application Filed with the USPTO as a Receiving Office</u> 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.					

- On Claims 1 – 10 line 1, "The content manager of claim..." should be replaced by: "The content manager device of claim..."
- On Claim 11 lines 19 – 20, "wherein the server is distinct from at least one of the one or more MSOs and one or more non-MSOs; and" should be replaced by:
"wherein the server is distinct from at least one of the one or more MSOs and one or more non-MSOs; wherein the application allows for the IPG to be configured by a user with respect to adding or deleting channels from any of the one or more MSOs or the one or more non-MSOs; and"
- On Claim 21 lines ¹⁵⁻¹⁷~~16~~–17, "wherein the server is distinct from at least one of the one or more MSOs and one or more non-MSOs; and" should be replaced by:
"wherein the server is distinct from at least one of the one or more MSOs and one or more non-MSOs; wherein the application allows for the IPG to be configured by a user with respect to adding or deleting channels from any of the one or more MSOs or the one or more non-MSOs; and"
- On Claim 32 last three lines, "f. for allowing the user to configure the IPG with respect to a first one of the one or more MSOs or the one or more non-MSOs to be linked to each of the channel of the IPG from which the streaming video programming may be received." should be replaced by:

Change(s) applied
to document,
/S.W/
10/24/2013

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

11484510 - GAU: 2623

PTO/SB/08A (04-07)

Approved for use through 09/30/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	11/484,510
		Filing Date	10 July 2006
		First Named Inventor	Mark A. Cavicchia
		Art Unit	2623
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	DB001229-000
Sheet	4	of	4

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,510,557	10/03/1997	Thrift	01-2003
		US- 6,757,707	02/01/2000	Houghton, et al.	06-2004
		US- 20030115612	00/28/2002	Mao, Weidong; et al.	06-2003
		US- 20020059642	05-16-2002	Russ, Samuel H., et al.	
		US- 20030059197	03-27-2003	Kamei, Yasukazu et al.	
		US- 20030118322	06-26-2003	Kim, Jong Soon	
		US- 20030061620	03-27-2003	Denney, Lisa	
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		US-			

Change(s) applied
to document,
/R.M.L./
11/6/2013

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ *Number*Kind Code ⁴ (if known)			

Examiner Signature	/Junior Mendoza/	Date Considered	08/08/2008
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. 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 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, 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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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.M./

11484510 - GAU: 2623

PTO/SB/08A (04-07)

Approved for use through 09/30/2007. OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	11/484,510
		Filing Date	10 July 2006
		First Named Inventor	Mark A. Cavicchia
		Art Unit	2623
		Examiner Name	Not Yet Assigned
Sheet 3 of 4	Attorney Docket Number	DB001229-000	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 20060095471	07-07-2005	Krikorian, Jason ; et al.	05-2006
		US- 20060230427	03-30-2005	Kunkel, Gerard ; et al.	10-2006
		US- 20020133822	09-19-2002	Yang, Ivan Wong Yin ; et al.	
		US- 6,993,721	12-16-2000	Rosin, et al.	01-2006
		US- 7,047,547	04-24-2003	Alten, et al.	05-2006
		US- 20060101498	12-20-2005	Arling, Paul D. ; et al.	05-2006
		US- 6,507,951	01-05-1998	Wugofski	2003
		US- 6,724,403	10-30-2000	Santoro, et al.	04-2004
		US- 6,978,471	02-16-2000	Klopfenstein	12-2005
		US- 7,194,753	03-16-2000	Fries, et al.	2007
		US- 20030177495	09-12-2002	Needham, Bradford H. ; et al.	09-2003
		US- 20040040036	02-26-2004	An, Cheol-hong	
		US- 20040034865	08-13-2002	Barrett, Peter T. ; et al.	02-2004
		US- 20030149981	08-07-2003	Finster, Paul ; et al.	
		US- 20040019908	07-24-2003	Williams, Christopher D. ; et al.	01-2004
		US- 20020144269	03-30-2001	Connolly, Jay H.	10-2002
		US- 20030226147	05-31-2002	Richmond, Michael S. ; et al.	12-2003
		US- 20030084452	09-30-2002	Ryan, Timothy L. ; et al.	05-2003
		US- 20030051246	08-01-2002	Wilder, John Richard ; et al.	03-2003

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			

Change(s) applied
to document.

/R.M.L./

11/6/2013

Examiner Signature	/Junior Mendoza/	Date Considered	08/08/2008
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



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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.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
11/484,510	02/18/2014	8656431	DB001229-000	9918

24122 7590 01/29/2014
CLARK HILL THORP REED
ONE OXFORD CENTRE
301 GRANT STREET, 14TH FLOOR
PITTSBURGH, PA 15219-1425

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 41 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):

Mark A. Cavicchia, Coraopolis, PA;

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.

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 8,656,431
APPLICATION NO.: 11/484,510
ISSUE DATE : February 18, 2014
INVENTOR(S) : Mark A. Cavicchia

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:

Column 16, line 40, after "provides" insert - - a - -

Column 17, line 27, after "provides" insert - - a - -

Column 17, line 56, delete "plurality of".

Column 17, line 57, delete "sources".

Column 18, line 27, after "displaying" insert - - a - -

Column 18, line 35, delete "plurality of".

Column 18, line 36, after "network," insert - - wherein the server is distinct from at least one of the one or more MSOs and - -.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Paul D. Bangor, Jr, Esquire, Clark Hill PLC
301 Grant Street, 14th Floor, One Oxford Centre, Pittsburgh, PA 15219

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 Patent Application Fee Transmittal				
Application Number:		11484510		
Filing Date:		10-Jul-2006		
Title of Invention:		Global Interactive program guide application and device		
First Named Inventor/Applicant Name:		Mark A. Cavicchia		
Filer:		Paul D. Bangor/Nancy White		
Attorney Docket Number:		DB001229-000		
Filed as Small Entity				
Utility under 35 USC 111(a) 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:				
Certificate of Correction	1811	1	100	100
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Total in USD (\$)				100

Electronic Acknowledgement Receipt	
EFS ID:	19881206
Application Number:	11484510
International Application Number:	
Confirmation Number:	9918
Title of Invention:	Global Interactive program guide application and device
First Named Inventor/Applicant Name:	Mark A. Cavicchia
Customer Number:	24122
Filer:	Paul D. Bangor/Nancy White
Filer Authorized By:	Paul D. Bangor
Attorney Docket Number:	DB001229-000
Receipt Date:	15-AUG-2014
Filing Date:	10-JUL-2006
Time Stamp:	16:40:34
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$100
RAM confirmation Number	2759
Deposit Account	200888
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Certificate of Correction	140815_9.pdf	44583	no	1
			5ab08ed57227a0a7b9c8aa0754fe4e31e97286c		

Warnings:**Information:**

2	Fee Worksheet (SB06)	fee-info.pdf	30171	no	2
			985d8b79fb787c65d4cc08c109e0b23e1553bb8ef		

Warnings:**Information:**

Total Files Size (in bytes):	74754
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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.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 8,656,431 B2
APPLICATION NO. : 11/484510
DATED : February 18, 2014
INVENTOR(S) : Mark A. Cavicchia

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:

In the Claims

Column 16, line 40, after "provides" insert -- a --.

Column 17, line 28, after "provides" insert -- a --.

Column 17, line 57, delete "plurality of".

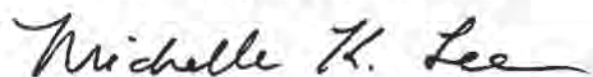
Column 17, line 58, delete "sources".

Column 18, line 28, after "displaying" insert -- a --.

Column 18, line 37, delete "plurality of".

Column 18, line 38, after "network," insert -- wherein the server is distinct from at least one of the one or more MSOs and --.

Signed and Sealed this
Seventh Day of October, 2014



Michelle K. Lee
Deputy Director of the United States Patent and Trademark Office

PETITION TO ACCEPT UNINTENTIONALLY DELAYED PAYMENT OF MAINTENANCE FEE IN AN EXPIRED PATENT (37 CFR 1.378(b))				
Patent Number	Issue Date	Application Number	Filing Date	Docket Number (if applicable)
8656431	18-Feb-2014	11484510	10-Jul-2006	
CAUTION: Maintenance fee (and surcharge, if any) payment must correctly identify: (1) the patent number and (2) the application number of the actual U.S. application leading to issuance of that patent to ensure the fee(s) is/are associated with the correct patent. 37 CFR 1.366(c) and (d).				
Applicants claims the following fee status:				
☒ Small Entity				
☐ Micro Entity				
☐ Regular Undiscounted				
Applicants selects the following :				
☒ 3 1/2 ☐ 7 1/2 ☐ 11 1/2				
PETITION FEE The petition fee required by 37 CFR 1.17(m) (Fee Code 1558/2558) must be paid as a condition of accepting unintentionally delayed payment of the maintenance fee.				
MAINTENANCE FEE (37 CFR 1.20(e)-(g)) The appropriate maintenance fee must be submitted with this petition.				
STATEMENT THE UNDERSIGNED CERTIFIES THAT THE DELAY IN PAYMENT OF THE MAINTENANCE FEE TO THIS PATENT WAS UNINTENTIONAL.				
PETITIONER(S) REQUEST THAT THE DELAYED PAYMENT OF THE MAINTENANCE FEE BE ACCEPTED AND THE PATENT REINSTATED				
THIS PORTION MUST BE COMPLETED BY THE SIGNATORY OR SIGNATORIES 37 CFR 1.378(c) states: "Any petition under this section must be signed in compliance with 37 CFR 1.33(b) ."				
I certify, in accordance with 37 CFR 1.4(d)(4) that I am				
☐ An attorney or agent registered to practice before the Patent and Trademark Office who has been given power of attorney in this application. ☒ An attorney or agent registered to practice before the Patent and Trademark Office ☐ A sole patentee ☐ A joint patentee; I certify that I am authorized to sign this submission on behalf of all the other patentees as evidenced by the power of attorney in the application ☐ A joint patentee; all of whom are signing this e-petition ☐ The assignee of record of the entire interest that qualifies as an authorized party under 37 CFR 1.33(b)				

Patent Practitioner			
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			
Signature	/Adam Sanderson/		
Name	Adam Sanderson	Registration Number	75065

Electronic Patent Application Fee Transmittal				
Application Number:		11484510		
Filing Date:		10-Jul-2006		
Title of Invention:		Global Interactive program guide application and device		
First Named Inventor/Applicant Name:		Mark A. Cavicchia		
Filer:		Adam Sanderson		
Attorney Docket Number:		DB001229-000		
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
MAINTENANCE FEE DUE AT 3.5 YEARS	2551	1	800	800
PET. DELAY PYMT MAINTAIN PATENT IN FORCE	2558	1	1000	1000
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				1800



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

In re Patent No. 8656431
Issue Date: February 18, 2014
Application No. 11484510
Filed: July 10, 2006
Attorney Docket No. DB001229-000

DECISION GRANTING PETITION
UNDER 37 CFR 1.378(b)

This is a decision on the electronic petition, filed May 8, 2018, under 37 CFR 1.378(b) to accept the unintentionally delayed payment of the 3.5 year maintenance fee for the above-identified patent.

The petition is **GRANTED**.

The maintenance fee is accepted, and the above-identified patent reinstated as of May 8, 2018. This decision also constitutes notice that the fee has been accepted. An electronic copy of the petition and this decision has been created as an entry in the Image File Wrapper. Nevertheless, petitioner should print and retain an independent copy.

Telephone inquiries related to this electronic decision should be directed to the Electronic Business Center at 1-866-217-9197.

Electronic Acknowledgement Receipt	
EFS ID:	32567044
Application Number:	11484510
Patent Number:	8656431
Confirmation Number:	9918
Petition Issued Date:	May 8,2018
Title of Invention:	Global Interactive program guide application and device
First Named Inventor/Applicant Name:	Mark A. Cavicchia
Customer Number:	24122
Filer:	Adam Sanderson
Filer Authorized By:	
Attorney Docket Number:	DB001229-000
Receipt Date:	08-MAY-2018
Filing Date:	10-JUL-2006
Time Stamp:	16:15:11
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$1800
RAM confirmation Number	050918INTEFSW16181300
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Petition automatically granted by EFS	petition-request.pdf	32523	no	2
			010433791060479f6e1b67811e8b41b3186d11720		
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	32280	no	2
			e6466698e0cc0f231b0ad97b667c165c14c1d8b1c		
Warnings:					
Information:					
Total Files Size (in bytes):			64803		
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.					