AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

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 Eastern District of Texas - Marshall Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:22-cv-494	12/23/2022	Eastern District of Texas - Marshall Texas

PLAINTIFF	DEFENDANT
Multimedia Technologies Pte. Ltd.	LG ELECTRONICS INC. and LG ELECTRONICS USA, INC.

Format m/d/yyyy

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	9,055,254	06/09/2015	Multimedia Technologies Pte. Ltd
2	9,237,291	01/12/2016	Multimedia Technologies Pte. Ltd
3	9,232,168	01/05/2016	Multimedia Technologies Pte. Ltd
4	9,247,174	01/26/2016	Multimedia Technologies Pte. Ltd
5	9,510,040	11/29/2016	Multimedia Technologies Pte. Ltd

See attachment page 2

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ 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**

Continued from page 1:

PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
6. 9,578,384	02/21/2017	Multimedia Technologies Pte. Ltd
7. 9,820,003	11/14/2017	Multimedia Technologies Pte. Ltd
8. 10,419,805	09/17/2019	Multimedia Technologies Pte. Ltd
9. 9,426,527	08/23/2016	Multimedia Technologies Pte. Ltd
10. 9,055,255	06/09/2015	Multimedia Technologies Pte. Ltd
11. 9,185,325	11/10/2015	Multimedia Technologies Pte. Ltd

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

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 EASTERN DISTRICT OF TEXAS on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
23-cv-00060	2/17/2023	FOR THE EASTERN DISTRICT OF TEXAS

PLAINTIFF	DEFENDANT
Touchstream Technologies, Inc.	Altice USA, Inc.; Cequel Communications, LLC; CSC Holdings, LLC; and Friendship Cable of Texas, Inc.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	8,356,251	1/15/2013	Touchstream Technologies, Inc.
2			
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ 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**

Print Save As... Reset

AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

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 Eastern District of Texas, Marshall Division on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:22-cv-367	3/13/2023	Eastern District of Texas, Marshall Division

PLAINTIFF	DEFENDANT
Seungman Kim	Samsung Electronics Co., Ltd., Samsung Electronics America, Inc.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	US 11,553,072	1/10/2023	Seungman Kim
2			
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ 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**

Continued from page 1:

PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
6. 10,419,805	11/14/2017	Multimedia Technologies Pte. Ltd.
7. 9,215,393	12/15/2015	Multimedia Technologies Pte. Ltd.
8. 9,426,527	08/23/2016	Multimedia Technologies Pte. Ltd.
9. 9,077,928	7/7/2015	Multimedia Technologies Pte. Ltd.
10. 9,185,325	11/10/2015	Multimedia Technologies Pte. Ltd.

AO 120 (Rev. 08/10)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

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 Eastern District of Texas - Marshall Division on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:23-cv-124	3/24/2023	Eastern District of Texas - Marshall Division

PLAINTIFF	DEFENDANT
Multimedia Technologies Pte. Ltd.	Vizio Inc.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	9,055,255	6/9/2015	Multimedia Technologies Pte. Ltd.
2	9,232,168	1/5/2016	Multimedia Technologies Pte. Ltd.
3	9,247,174	1/26/2016	Multimedia Technologies Pte. Ltd.
4	9,510,040	11/29/2016	Multimedia Technologies Pte. Ltd.
5	9,578,384	2/21/2017	Multimedia Technologies Pte. Ltd.

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ 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)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

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 Western District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO. 6:23-cv-249	DATE FILED 4/5/2023	U.S. DISTRICT COURT Western District of Texas
PLAINTIFF Ozmo Licensing LLC		DEFENDANT TCL Electronics Holdings Ltd. and TCL Industries Holdings Co., Ltd.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	9,264,991	2/16/2016	Ozmo Licensing LLC
2	10,873,906	12/22/2020	Ozmo Licensing LLC
3	8,599,814	12/3/2013	Ozmo Licensing LLC
4	11,012,934	5/18/2021	Ozmo Licensing LLC
5	11,122,504	9/14/2021	Ozmo Licensing LLC

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ 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)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

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 Western District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
6:23-cv-249	4/5/2023	Western District of Texas

PLAINTIFF	DEFENDANT
Ozmo Licensing LLC	TCL Electronics Holdings Ltd. and TCL Industries Holdings Co., Ltd.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	9,264,991	2/16/2016	Ozmo Licensing LLC
2	10,873,906	12/22/2020	Ozmo Licensing LLC
3	8,599,814	12/3/2013	Ozmo Licensing LLC
4	11,012,934	5/18/2021	Ozmo Licensing LLC
5	11,122,504	9/14/2021	Ozmo Licensing LLC

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ 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)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

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 Western District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
5:23-cv-387	3/29/2023	for the Western District of Texas

PLAINTIFF	DEFENDANT
RFC Lenders of Texas, LLC	Global-View.net

PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1 7,430,471	9/30/2008	RFC Lenders of Texas, LLC
2		
3		
4		
5		

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ 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)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	

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	U.S. DISTRICT COURT
TBD	4/3/2023	FOR THE DISTRICT OF DELAWARE

PLAINTIFF	DEFENDANT
INGENUS PHARMACEUTICALS, LLC, and LEIUTIS PHARMACEUTICALS LLP	ACCORD HEALTHCARE, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	10,993,952	5/4/2021	Leiutis Pharmaceuticals Pvt. Ltd.
2			
3			
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ 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

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.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/834,316	11/29/2016	9510040	6583-481-CON	1082

111285 7590 11/09/2016

Sheridan Ross P.C.
1560 Broadway
Suite 1200
Denver, CO 80202

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 0 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):

Mohammed Selim, Oakville, CANADA;
Flextronics AP, LLC, San Jose, CA;
Sanjiv Sirpal, Oakville, CANADA;
Fuqu Wu, Burlington, CANADA;
Salvador Soto, Toronto, CANADA;

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.

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14834316	SELIM ET AL.
	Examiner	**Art Unit**
	KIEU OANH T BUI	2425

☒ **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
	23		39												
	24		40												
	25		41												
	26		42												
	27		43												
	28		44												
	29														
	30														
	31														
	32														
	33														
	34														
	35														
	36														
	37														
	38														

Change(s) applied
to document,
/D.H.P./
8/23/2016

NONE		**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	22	
/KIEU OANH T BUI/ Primary Examiner.Art Unit 2425	06/30/2016	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	15C

OK TO ENTER: /KB/

/KB/ (10/28/2016)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:	Group Art Unit: 2425
SELIM et al.	Confirmation No.: 1082
Serial No.: 14/834,316	Examiner: BUI, KIEU OANH T
Filed: August 24, 2015	
Atty. File No.: 6583-481-CON	
Entitled: "GLOBAL PANEL"	***Submitted Via EFS-Web***

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AFTER ALLOWANCE PURSUANT TO 37 CFR § 1.312

Dear Sir/Madam:

Applicants submit this Amendment After Allowance pursuant to 37 CFR § 1.312 in response to the Notice of Allowance and Fee(s) Due having a mailing date of July 20, 2016. An amendment may be entered after the mailing of a Notice of Allowance but prior to payment of the issue fee upon the recommendation of the primary examiner. Therefore, it is respectfully requested that the above-referenced application be amended as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page **2** of this paper.

Remarks/Arguments begin on page **8** of this paper.

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.
14/834,316	08/24/2015	Mohammed Selim	6583-481-CON	1082

111285 7590 11/02/2016

Sheridan Ross P.C.
1560 Broadway
Suite 1200
Denver, CO 80202

EXAMINER
BUI, KIEU OANH T

ART UNIT	PAPER NUMBER
2425	

NOTIFICATION DATE	DELIVERY MODE
11/02/2016	ELECTRONIC

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.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

edocket@sheridanross.com
flexpatents-sr@sheridanross.com

Supplemental Notice of Allowability	**Application No.** 14/834,316	**Applicant(s)** SELIM ET AL.	
	Examiner KIEU OANH T. BUI	**Art Unit** 2425	**AIA (First Inventor to File) Status** Yes

-- 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 *the Amendment CFR 1.313*.
   ☐ 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 *23-44*. 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 or send an inquiry to 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. ☐ Notice of References Cited (PTO-892)
2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
5. ☐ Examiner's Amendment/Comment
6. ☒ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/KIEU OANH T BUI/
Primary Examiner, Art Unit 2425

The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

SUPPLEMENTAL DETAILED ACTION

1. The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

Allowable Subject Matter

2. Claims 23-44 are allowed.

3. The following is an examiner's statement of reasons for allowance:

Regarding claim 23, the prior art of record fails to teach or suggest each and every feature of the present invention for "a method of displaying content on a television, comprising:

receiving an indication associated with a selection by a user;

determining, based on the received indication, a global panel to display via the television;

retrieving from memory, a first content information for display in the global panel; and

displaying, via the television, the retrieved content information in the global panel,

wherein the global panel includes a list of sources of content for the intelligent television, and wherein at least one of the sources is highlighted as being associated with the first content information, wherein the sources include a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television" as claimed, and as also claimed in claims 33 and 43.

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."

Conclusion

4. **Any response to this action should be mailed to:**
Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to PTO New Central Fax number:
(571) 273-8300, (for Technology Center 2400 only)

Hand deliveries must be made to Customer Service Window,
Randolph Building, 401 Dulany Street, Alexandria, VA 22314.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to KIEU OANH BUI whose telephone number is (571)272-7291. The examiner can normally be reached on MON - FRI from 8:30 AM -6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, BRIAN PENDLETON can be reached on (571) 272-7527. 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.

/KIEU-OANH BUI/
Primary Examiner, Art Unit 2425
Oct.28, 2016

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
14/834,316	08/24/2015	2425	1900	6583-481-CON	22	3

CONFIRMATION NO. 1082

UPDATED FILING RECEIPT

111285
Sheridan Ross P.C.
1560 Broadway
Suite 1200
Denver, CO 80202

OC000000088703882

Date Mailed: 10/25/2016

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**

Inventor(s)

Mohammed Selim, Oakville, CANADA;
Sanjiv Sirpal, Oakville, CANADA;
Fuqu Wu, Burlington, CANADA;
Salvador Soto, Toronto, CANADA;

Applicant(s)

Flextronics AP, LLC, San Jose, CA;

Power of Attorney: The patent practitioners associated with Customer Number 111285

Domestic Priority data as claimed by applicant

This application is a CON of 13/970,374 08/19/2013 ABN
which claims benefit of 61/684,672 08/17/2012
and claims benefit of 61/702,650 09/18/2012
and claims benefit of 61/697,710 09/06/2012
and claims benefit of 61/700,182 09/12/2012
and claims benefit of 61/736,692 12/13/2012
and claims benefit of 61/798,821 03/15/2013
and claims benefit of 61/804,942 03/25/2013
and claims benefit of 61/804,998 03/25/2013
and claims benefit of 61/804,971 03/25/2013
and claims benefit of 61/804,990 03/25/2013
and claims benefit of 61/805,003 03/25/2013
and claims benefit of 61/805,053 03/25/2013
and claims benefit of 61/805,030 03/25/2013
and claims benefit of 61/805,027 03/25/2013
and claims benefit of 61/805,042 03/25/2013

and claims benefit of 61/805,038 03/25/2013
This application 14/834,316
is a CON of 13/968,665 08/16/2013 PAT 9247174
which claims benefit of 61/684,672 08/17/2012
and claims benefit of 61/702,650 09/18/2012
and claims benefit of 61/697,710 09/06/2012
and claims benefit of 61/700,182 09/12/2012
and claims benefit of 61/736,692 12/13/2012
and claims benefit of 61/798,821 03/15/2013
and claims benefit of 61/804,942 03/25/2013
and claims benefit of 61/804,998 03/25/2013
and claims benefit of 61/804,971 03/25/2013
and claims benefit of 61/804,990 03/25/2013
and claims benefit of 61/805,003 03/25/2013
and claims benefit of 61/805,053 03/25/2013
and claims benefit of 61/805,030 03/25/2013
and claims benefit of 61/805,027 03/25/2013
and claims benefit of 61/805,042 03/25/2013
and claims benefit of 61/805,038 03/25/2013
This application 14/834,316
is a CON of 13/969,179 08/16/2013 PAT 9432742
which claims benefit of 61/684,672 08/17/2012
and claims benefit of 61/702,650 09/18/2012
and claims benefit of 61/697,710 09/06/2012
and claims benefit of 61/700,182 09/12/2012
and claims benefit of 61/736,692 12/13/2012
and claims benefit of 61/798,821 03/15/2013
and claims benefit of 61/804,942 03/25/2013
and claims benefit of 61/804,998 03/25/2013
and claims benefit of 61/804,971 03/25/2013
and claims benefit of 61/804,990 03/25/2013
and claims benefit of 61/805,003 03/25/2013
and claims benefit of 61/805,053 03/25/2013
and claims benefit of 61/805,030 03/25/2013
and claims benefit of 61/805,027 03/25/2013
and claims benefit of 61/805,042 03/25/2013
and said 13/969,179
claims benefit of 61/805,038 03/25/2013
This application 14/834,316
is a CON of 13/969,588 08/18/2013 ABN
which claims benefit of 61/684,672 08/17/2012
and claims benefit of 61/702,650 09/18/2012
and claims benefit of 61/697,710 09/06/2012
and claims benefit of 61/700,182 09/12/2012
and claims benefit of 61/736,692 12/13/2012
and claims benefit of 61/798,821 03/15/2013
and claims benefit of 61/804,942 03/25/2013
and claims benefit of 61/804,998 03/25/2013
and claims benefit of 61/804,971 03/25/2013
and claims benefit of 61/804,990 03/25/2013
and claims benefit of 61/805,003 03/25/2013

and claims benefit of 61/805,053 03/25/2013
and claims benefit of 61/805,030 03/25/2013
and claims benefit of 61/805,027 03/25/2013
and claims benefit of 61/805,042 03/25/2013
and claims benefit of 61/805,038 03/25/2013
This application 14/834,316
is a CON of 13/970,355 08/19/2013 PAT 9172896
which claims benefit of 61/684,672 08/17/2012
and claims benefit of 61/702,650 09/18/2012
and claims benefit of 61/697,710 09/06/2012
and claims benefit of 61/700,182 09/12/2012
and claims benefit of 61/736,692 12/13/2012
and claims benefit of 61/798,821 03/15/2013
and claims benefit of 61/804,942 03/25/2013
and claims benefit of 61/804,998 03/25/2013
and claims benefit of 61/804,971 03/25/2013
and claims benefit of 61/804,990 03/25/2013
and claims benefit of 61/805,003 03/25/2013
and claims benefit of 61/805,053 03/25/2013
and claims benefit of 61/805,030 03/25/2013
and claims benefit of 61/805,027 03/25/2013
and claims benefit of 61/805,042 03/25/2013
and claims benefit of 61/805,038 03/25/2013
This application 14/834,316
is a CON of 14/418,969 02/02/2015
which is a 371 of PCT/US2013/036826 04/16/2013
which claims benefit of 61/684,672 08/17/2012
and claims benefit of 61/697,710 09/06/2012
and claims benefit of 61/700,182 09/12/2012
and claims benefit of 61/702,650 09/18/2012
and claims benefit of 61/736,692 12/13/2012
and claims benefit of 61/798,821 03/15/2013
and claims benefit of 61/805,027 03/25/2013
and claims benefit of 61/805,038 03/25/2013
and claims benefit of 61/804,971 03/25/2013
and claims benefit of 61/804,942 03/25/2013
and claims benefit of 61/805,030 03/25/2013
and claims benefit of 61/804,998 03/25/2013
and claims benefit of 61/805,003 03/25/2013
and said PCT/US2013/036826
claims benefit of 61/805,042 03/25/2013
and claims benefit of 61/805,053 03/25/2013
and claims benefit of 61/804,990 03/25/2013

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: No

Permission to Access Search Results: No

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted:
The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 14/834,316**
Projected Publication Date: Not Applicable
Non-Publication Request: No
Early Publication Request: No
Title

GLOBAL PANEL

Preliminary Class

725

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: Yes

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.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

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 (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign AssetsControl, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

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 U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop

technology, manufacture products, deliver services, and grow your business, visit http://www.SelectUSA.gov or call +1-202-482-6800.

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	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/834,316	08/24/2015	Mohammed Selim	6583-481-CON

CONFIRMATION NO. 1082

111285
Sheridan Ross P.C.
1560 Broadway
Suite 1200
Denver, CO 80202

37 CFR 1.48 ACKNOWLEDGEMENT LETTER

OC000000086703883

Date Mailed: 10/25/2016

NOTICE OF ACCEPTANCE OF REQUEST UNDER 37 CFR 1.48(a)

This is in response to the applicant's request under 37 CFR 1.48(a) submitted on 10/18/2016.

The request under 37 CFR 1.48(a) to correct the inventorship, to correct or update the name of an inventor, or to correct the order of names of joint inventors is accepted.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at **(571) 272-4000** or **(571) 272-4200** or **1-888-786-0101**.

/mmasfaw/

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)

111285 7590 07/20/2016
Sheridan Ross P.C.
1560 Broadway
Suite 1200
Denver, CO 80202

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.
14/834,316	08/24/2015	Mohammed Selim	6583-481-CON	1082

TITLE OF INVENTION: GLOBAL PANEL

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$960	$0	$0	$960	10/20/2016

EXAMINER	ART UNIT	CLASS-SUBCLASS
BUI, KIEU OANH T	2425	725-038000

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 Sheridan Ross P.C.
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: Flextronics AP, LLC

(B) RESIDENCE: (CITY and STATE OR COUNTRY): San Jose, 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.
- ☒ The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number 19-1970 (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 — 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.
- ❑ Applicant asserting small entity status. See 37 CFR 1.27 — 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.
- ❑ Applicant changing to regular undiscounted fee 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 /Douglas W. Swartz/ Date October 20, 2016

Typed or printed name Douglas W. Swartz Registration No. 37,739

PTOL-85 Part B (10-13) Approved for use through 10/31/2013. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Electronic Patent Application Fee Transmittal

Application Number:	14834316
Filing Date:	24-Aug-2015
Title of Invention:	GLOBAL PANEL
First Named Inventor/Applicant Name:	Mohammed Selim
Filer:	Douglas W. Swartz/Amy Duarte
Attorney Docket Number:	6583-481-CON

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

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	1501	1	960	960

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Miscellaneous:				
			Total in USD ($)	**960**

Electronic Acknowledgement Receipt	
EFS ID:	27270620
Application Number:	14834316
International Application Number:	
Confirmation Number:	1082
Title of Invention:	GLOBAL PANEL
First Named Inventor/Applicant Name:	Mohammed Selim
Customer Number:	111285
Filer:	Douglas W. Swartz/Amy Duarte
Filer Authorized By:	Douglas W. Swartz
Attorney Docket Number:	6583-481-CON
Receipt Date:	20-OCT-2016
Filing Date:	24-AUG-2015
Time Stamp:	11:45:33
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$960
RAM confirmation Number	102016INTEFSW00010638191970
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	Issue Fee Payment (PTO-85B)	6583-481-CON_Issue-fee-transmittal.pdf	97299 9e5f44b995ccffcf1b79e63cd0317f9b7247bc5d	no	1
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30632 002eeb154bb8177bfdd47246fef35ffb5bd12d99	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	127931		

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.

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.
14/834,316	08/24/2015	Mohammed Selim	6583-481-CON	1082

7590 10/19/2016

Sheridan Ross P.C.
1560 Broadway
Suite 1200
Denver, CO 80202

EXAMINER	
BUI, KIEU OANH T	
ART UNIT	PAPER NUMBER
2425	
NOTIFICATION DATE	DELIVERY MODE
10/19/2016	ELECTRONIC

NOTICE OF NON-COMPLIANT INFORMATION DISCLOSURE STATEMENT

An Information Disclosure Statement (IDS) filed 10/13/16 in the above-identified application fails to meet the requirements of 37 CFR 1.97(d) for the reason(s) specified below. Accordingly, the IDS will be placed in the file, but the information referred to therein has not been considered.

The IDS is not compliant with 37 CFR 1.97(d) because:

☒ The IDS lacks a statement as specified in 37 CFR 1.97(e).

☐ The IDS lacks the fee set forth in 37 CFR 1.17(p).

☐ The IDS was filed after the issue fee was paid. Applicant may wish to consider filing a petition to withdraw the application from issue under 37 CFR 1.313(c) to have the IDS considered. See MPEP 1308.

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

FORM PTOM327-B (Rev. 02/08)

Document code: WFEE

United States Patent and Trademark Office
Sales Receipt for Accounting Date: 10/24/2016

VVAN11 SALE #00000035 Mailroom Dt: 10/18/2016 191970 14834316
01 FC : 1830 140.00 DA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:	Group Art Unit: 2425
SELIM et al.	Confirmation No.: 1082
Serial No.: 14/834,316	Examiner: BUI, KIEU OANH T
Filed: August 24, 2015	
Atty. File No.: 6583-481-CON	
Entitled: "GLOBAL PANEL"	***Submitted Via EFS-Web***

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AFTER ALLOWANCE PURSUANT TO 37 CFR § 1.312

Dear Sir/Madam:

Applicants submit this Amendment After Allowance pursuant to 37 CFR § 1.312 in response to the Notice of Allowance and Fee(s) Due having a mailing date of July 20, 2016. An amendment may be entered after the mailing of a Notice of Allowance but prior to payment of the issue fee upon the recommendation of the primary examiner. Therefore, it is respectfully requested that the above-referenced application be amended as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page **2** of this paper.

Remarks/Arguments begin on page **8** of this paper.

AMENDMENTS TO THE CLAIMS

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

Listing of Claims

1-22. (Cancelled)

23. (Currently Amended) A method of displaying content on a television, comprising:

receiving, by a processor, an indication associated with a selection by a user;

determining, by the processor, based on the received indication, a global panel to display via the television;

retrieving, by the processor, from memory, a first content information for display in the global panel; and

displaying, via the television, the retrieved content information in the global panel, wherein the global panel includes a list of sources of content for the intelligent television, [[and]] wherein at least one of the sources is highlighted as being associated with the first content information, and wherein the sources include a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television.

24. (Previously Presented) The method of claim 23, further comprising:

identifying a user associated with the received indication;

retrieving one or more settings associated with the identified user;

retrieving, from memory, content information associated with the identified user; and

displaying, via the television, the retrieved content information in the global panel.

25. (Previously Presented) The method of claim 23, further comprising:

identifying a user associated with the received indication;

retrieving, from memory, one or more settings associated with the identified user;

retrieving, from memory, content information associated with the identified user and the one or more settings associated with the user; and

displaying, via the television, the retrieved content information in the global panel.

26. (Previously Presented) The method of claim 23, further comprising:

receiving a second indication associated with a selection by a user;

determining, based on the second indication, a source of content information to be displayed in the global panel based;

retrieving at least a portion of content information from the determined source; and

displaying, via the television, the content information associated with the determined source.

27. (Previously Presented) The method of claim 23, wherein the global panel comprises information from at least two different panel types.

28. (Previously Presented) The method of claim 23, further comprising:

identifying at least one of a content source and a content information currently being displayed via a television;

selecting a panel type based on the identified at least one of content source and content information currently being displayed via the television;

retrieving, from memory, content information based on the selected panel type; and

displaying, via the television, the retrieved content information in the global panel based on the selected panel type.

29. (Previously Presented) The method of claim 28, further comprising:

receiving a second indication associated with a selection by a user;

selecting a panel type based on the second indication;

retrieving, from memory, content information based on the selected panel type and the second indication; and

displaying, via the television, the retrieved content information in the global panel.

30. (Previously Presented) The method of claim 29, wherein the retrieved content information comprises information associated with content information marked as favorite.

31. (Previously Presented) The method of claim 29, wherein the retrieved content information comprises information associated with content information recently viewed.

32. (Previously Presented) The method of claim 29, wherein the retrieved content information comprises information associated with content information marked as favorite and further comprises information associated with content information recently viewed.

33. (Currently Amended) A non-transitory computer readable information storage medium having stored thereon instructions that cause a computing system to execute a method of displaying content on a television, comprising:

receiving an indication associated with a selection by a user;

determining, based on the received indication, a global panel to display via the television;

retrieving from memory, a first content information for display in the global panel; and

displaying, via the television, the retrieved content information in the global panel,

wherein the global panel includes a list of sources of content for the intelligent television, [[and]] wherein at least one of the sources is highlighted as being associated with the first content information, and wherein the sources include a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television.

34. (Previously Presented) The non-transitory computer-readable medium of claim 33, wherein the instructions further comprise:

identifying a user associated with the received indication;

retrieving one or more settings associated with the identified user;

retrieving, from memory, content information associated with the identified user; and

displaying, via the television, the retrieved content information in the global panel.

35. (Previously Presented) The non-transitory computer-readable medium of claim 33, wherein the instructions further comprise:

identifying a user associated with the received indication;

retrieving, from memory, one or more settings associated with the identified user;

retrieving, from memory, content information associated with the identified user and the one or more settings associated with the user; and

displaying, via the television, the retrieved content information in the global panel.

36. (Previously Presented) The non-transitory computer-readable medium of claim 33, wherein the instructions further comprise:

receiving a second indication associated with a selection by a user;

determining, based on the second indication, a source of content information to be displayed in the global panel based;

retrieving at least a portion of content information from the determined source; and

displaying, via the television, the content information associated with the determined source.

37. (Previously Presented) The non-transitory computer-readable medium of claim 33, further comprising retrieving from memory a second content information for display in the global panel; and displaying, via the television, the retrieved first content information and the retrieved second content information in the global panel.

38. (Previously Presented) The non-transitory computer-readable medium of claim 33, further comprising:

identifying at least one of a content source and a content information currently being displayed via a television;

selecting a panel type based on the identified at least one of content source and content information currently being displayed via the television;

retrieving, from memory, content information based on the selected panel type; and

displaying, via the television, the retrieved content information in the global panel based on the selected panel type.

39. (Previously Presented) The non-transitory computer-readable medium of claim 38, wherein the instructions further comprise:

receiving a second indication associated with a selection by a user;

selecting a panel type based on the second indication;

retrieving, from memory, content information based on the selected panel type and the second indication; and

displaying, via the television, the retrieved content information in the global panel.

40. (Previously Presented) The non-transitory computer-readable medium of claim 39, wherein the retrieved content information comprises information associated with content information marked as favorite.

41. (Previously Presented) The non-transitory computer-readable medium of claim 39, wherein the retrieved content information comprises information associated with content information recently viewed.

42. (Previously Presented) The non-transitory computer-readable medium of claim 39, wherein the retrieved content information comprises information associated with content information marked as favorite and further comprises information associated with content information recently viewed.

43. (Currently Amended) A system for displaying content on a television, comprising:

an input device associated with the television;

a memory; and

a microprocessor ~~operable~~ that is programmed to:

receive an indication associated with a selection by a user;

determine, based on the received indication, a global panel to display via the television; panel; and

retrieve from the memory, a first content information for display in the global display, via the television, the retrieved content information in the global panel, wherein the global panel includes a list of sources of content for the intelligent television, [[and]] wherein at least one of the sources is highlighted as being associated with the first content information, and wherein the sources include a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television.

44. (Previously Presented) The system of claim 43, wherein the microprocessor is further operable to:

identify at least one of a content source and a content information currently being displayed via a television;

select a panel type based on the identified at least one of content source and content information currently being displayed via the television;

retrieve, from the memory, content information based on the selected panel type; and

display, via the television, the retrieved content information in the global panel based on the selected panel type.

REMARKS/ARGUMENTS

The amendments to Claims 23, 33, and 43 do not require an additional search or examination, and the amendments are requested to further clarify any potential ambiguity in the claims. The claims have not been earlier amended as the need for the amendments was not appreciated when the Amendment and Response was filed.

Accordingly, Applicant believes that the requirements of 37CFR§1.312 and MPEP§714.16 have been satisfied and entry of this amendment is respectfully requested. Although no fees are believed to be due with the filing of this paper, please charge any deficiency or credit any overpayment to Deposit Account 19-1970.

Respectfully submitted,

SHERIDAN ROSS P.C.

By: /Douglas W. Swartz/
Douglas W. Swartz
Registration No. 37,739
1560 Broadway, Suite 1200
Denver, Colorado 80202-5141
(303) 863-9700

Date: October 18, 2016

Electronic Acknowledgement Receipt

EFS ID:	27245110
Application Number:	14834316
International Application Number:	
Confirmation Number:	1082
Title of Invention:	GLOBAL PANEL
First Named Inventor/Applicant Name:	Mohammed Selim
Customer Number:	111285
Filer:	Douglas W. Swartz/Amy Duarte
Filer Authorized By:	Douglas W. Swartz
Attorney Docket Number:	6583-481-CON
Receipt Date:	18-OCT-2016
Filing Date:	24-AUG-2015
Time Stamp:	12:12:21
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		6583-481-CON_Rule-312-Amendment.pdf	201080 264d7acbc450ca22bea565e92a6ff0c92dc3be2b	yes	8

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Amendment after Notice of Allowance (Rule 312)	1	1
	Claims	2	7
	Applicant Arguments/Remarks Made in an Amendment	8	8
Warnings:			
Information:			
	Total Files Size (in bytes):	201080	

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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:	Group Art Unit: 2425
SELIM et al.	Confirmation No.: 1082
Serial No.: 14/834,316	Examiner: BUI, KIEU OANH T
Filed: August 24, 2015	
Atty. File No.: 6583-481-CON	
Entitled: "GLOBAL PANEL"	***Submitted Via EFS-Web***

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

REQUEST FOR CORRECTION OF INVENTORSHOP IN NONPROVISIONAL APPLICATION PURSUANT TO 37 C.F.R. § 1.48(a)

Dear Sir/Madam:

Applicant hereby requests a correction of inventorship by removing Alexander de Paz, Saulo Correia Dourado, and Karina A. Limongi as inventors pursuant to 37 C.F.R. § 1.48(a). The correct inventors of the above-identified application are: Mohammed Selim, Sanjiv Sirpal, Fuqu Wu, and Salvador Soto. Executed Declarations were previously submitted on August 24, 2015, and a corrected Application Data Sheet is filed herewith.

The processing fee in the amount of $600.00 is submitted herewith via EFS-Web in accordance with 37 C.F.R. § 1.17(d). Please credit any overpayment or debit any underpayment to Deposit Account No. 19-1970.

Respectfully submitted,
SHERIDAN ROSS P.C.

By: /Tadd F. Wilson/
Tadd F. Wilson
Registration No. 54544
1560 Broadway, Suite 1200
Denver, Colorado 80202-5141
(303) 863-9700

Date: October 18, 2016

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	14/834,316
Title of Invention	GLOBAL PANEL	

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.
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.

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.)

Inventor Information:

Inventor 1 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Mohammed		Selim	

Residence Information (Select One) ○ US Residency ◉ Non US Residency ○ Active US Military Service

City	Oakville	Country of Residence [i]	CA

Mailing Address of Inventor:

Address 1	2488 Oakhaven Drive		
Address 2			
City	Oakville	State/Province	ON
Postal Code	L6M 4B9	Country [i]	CA

Inventor 2 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Sanjiv		Sirpal	

Residence Information (Select One) ○ US Residency ◉ Non US Residency ○ Active US Military Service

City	Oakville	Country of Residence [i]	CA

Mailing Address of Inventor:

Address 1	3264 Stocksbridge Avenue		
Address 2			
City	Oakville	State/Province	ON
Postal Code	L6M 0E3	Country [i]	CA

Inventor 3 Remove

Legal Name

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Prefix	Given Name	Middle Name	Family Name	Suffix
	Fuqu		Wu	

Residence Information (Select One) ○ US Residency ◉ Non US Residency ○ Active US Military Service

City	Burlington	Country of Residence [i]	CA

Mailing Address of Inventor:

Address 1	5653 Roseville Ct.		
Address 2			
City	Burlington	State/Province	ON
Postal Code	L7L 6V4	Country [i]	CA

Inventor 4 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Salvador		Soto	

Residence Information (Select One) ○ US Residency ◉ Non US Residency ○ Active US Military Service

City	Toronto	Country of Residence [i]	CA

Mailing Address of Inventor:

Address 1	3902-25 Capreol Court		
Address 2			
City	Toronto	State/Province	ON
Postal Code	M5V 3Z7	Country [i]	CA

~~**Inventor 5**~~ Remove

~~**Legal Name**~~

~~Prefix~~	~~Given Name~~	~~Middle Name~~	~~Family Name~~	~~Suffix~~
	Alexander		de Paz	

~~**Residence Information (Select One)**~~ ○ ~~US Residency~~ ◉ ~~Non US Residency~~ ○ ~~Active US Military Service~~

~~City~~	Burlington	~~Country of Residence~~ [i]	~~CA~~

~~**Mailing Address of Inventor:**~~

~~Address 1~~	5444 Valleyhigh Drive		
~~Address 2~~			
~~City~~	Burlington	~~State/Province~~	~~ON~~
~~Postal Code~~	~~L7L 6Z6~~	~~Country~~ [i]	~~CA~~

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Inventor 6				Remove
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Saulo	Correia	Dourado	
Residence Information (Select One)	○ US Residency	◉ Non US Residency	○ Active US Military Service	
City	Oakville	Country of Residence	CA	

Mailing Address of Inventor:			
Address 1	2420 Ravinebrook Cres		
Address 2			
City	Oakville	State/Province	ON
Postal Code	L6H 6Y2	Country	CA

Inventor 7				Remove
Legal Name				
Prefix	Given Name	Middle Name	Family Name	Suffix
	Karina	A.	Limongi	
Residence Information (Select One)	○ US Residency	◉ Non US Residency	○ Active US Military Service	
City	Oakville	Country of Residence	CA	

Mailing Address of Inventor:			
Address 1	2100 Shady Glen Road		
Address 2			
City	Oakville	State/Province	ON
Postal Code	L6M 3P1	Country	CA

All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the **Add** button. Add

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

☐ **An Address is being provided for the correspondence Information of this application.**

Customer Number	111285		
Email Address	flexpatents@sheridanross.com	Add Email	Remove Email

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Information:

Title of the Invention	GLOBAL PANEL		
Attorney Docket Number	6583-481-CON	**Small Entity Status Claimed** ☐	
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	34	**Suggested Figure for Publication (if any)**	

Filing By Reference :

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☐ **Request Not to Publish.** 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 **has not and will not** be 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).
Either enter 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:	◉ Customer Number	○ US Patent Practitioner	○ Limited Recognition (37 CFR 11.9)
Customer Number	111285		

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(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.
When referring to the current application, please leave the application number blank.

Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	13/970374	2013-08-19
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/684672	2012-08-17
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/702650	2012-09-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/697710	2012-09-06
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/700182	2012-09-12
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/736692	2012-12-13
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/798821	2013-03-15
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/804942	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/804998	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/804971	2013-03-25
Prior Application Status	Expired		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/804990	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/805003	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/805053	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/805030	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/805027	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/805042	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/805038	2013-03-25
Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	13/968665	2013-08-16
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/684672	2012-08-17
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/702650	2012-09-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/697710	2012-09-06
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/700182	2012-09-12
Prior Application Status	Expired		Remove

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/736692	2012-12-13
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/798821	2013-03-15
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/804942	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/804998	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/804971	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/804990	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/805003	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/805053	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/805030	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/805027	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/805042	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/805038	2013-03-25
Prior Application Status	Pending		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	13/969179	2013-08-16
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/684672	2012-08-17
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/702650	2012-09-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/697710	2012-09-06
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/700182	2012-09-12
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/736692	2012-12-13
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/798821	2013-03-15
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/804942	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/804998	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/804971	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/804990	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/805003	2013-03-25
Prior Application Status	Expired		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/805053	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/805030	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/805027	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/805042	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/805038	2013-03-25
Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	13/969588	2013-08-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/684672	2012-08-17
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/702650	2012-09-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/697710	2012-09-06
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/700182	2012-09-12
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/736692	2012-12-13
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/798821	2013-03-15
Prior Application Status	Expired		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/804942	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/804998	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/804971	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/804990	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/805003	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/805053	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/805030	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/805027	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/805042	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/805038	2013-03-25
Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	13/970355	2013-08-19
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/684672	2012-08-17
Prior Application Status	Expired		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/702650	2012-09-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/697710	2012-09-06
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/700182	2012-09-12
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/736692	2012-12-13
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/798821	2013-03-15
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/804942	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/804998	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/804971	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/804990	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/805003	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/805053	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/805030	2013-03-25
Prior Application Status	Expired		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/805027	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/805042	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/805038	2013-03-25
Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	14/418969	2015-02-02
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
14/418969	a 371 of international	PCT/US2013/036826	2013-04-16
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/684672	2012-08-17
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/697710	2012-09-06
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/700182	2012-09-12
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/702650	2012-09-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/736692	2012-12-13
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/798821	2013-03-15
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/805027	2013-03-25
Prior Application Status	Expired		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/805038	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/804971	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/804942	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/805030	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/804998	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/805003	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/805042	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/805053	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/804990	2013-03-25

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the **Add** button.

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. 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. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)[i] the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Country[i]	Filing Date (YYYY-MM-DD)	Access Code[i] (if applicable)

Remove

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button.

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

☒ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.
NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Authorization to Permit Access:

☐ Authorization to Permit Access to the Instant Application by the Participating Offices

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the instant patent application is filed access to the instant patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the instant patent application is filed to have access to the instant patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the instant patent application with respect to: 1) the instant patent application-as-filed; 2) any foreign application to which the instant patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the instant patent application; and 3) any U.S. application-as-filed from which benefit is sought in the instant patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date o f filing this Authorization.

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Applicant 1

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Clear

◉ Assignee	○ Legal Representative under 35 U.S.C. 117	○ Joint Inventor
○ Person to whom the inventor is obligated to assign.	○ Person who shows sufficient proprietary interest	

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor :

If the Applicant is an Organization check here. ☒

Organization Name	Flextronics AP, LLC

Mailing Address Information For Applicant:

Address 1	6201 America Center Drive		
Address 2			
City	San Jose	**State/Province**	CA
Country	US	Postal Code	95002
Phone Number		Fax Number	
Email Address			

Additional Applicant Data may be generated within this form by selecting the Add button.

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not subsitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Assignee 1

Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication . An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.

If the Assignee or Non-Applicant Assignee is an Organization check here. ☐

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Prefix	**Given Name**	Middle Name	**Family Name**	Suffix

Mailing Address Information For Assignee including Non-Applicant Assignee:

Address 1			
Address 2			
City		**State/Province**	
Country i		Postal Code	
Phone Number		Fax Number	
Email Address			

Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.

Signature:

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Signature	/Tadd F. Wilson/			Date (YYYY-MM-DD)	2016-10-18
First Name	Tadd F.	Last Name	Wilson	Registration Number	54544

Additional Signature may be generated within this form by selecting the Add button.

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 C o o p eration 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 Patent Application Fee Transmittal

Application Number:	14834316
Filing Date:	24-Aug-2015
Title of Invention:	GLOBAL PANEL
First Named Inventor/Applicant Name:	Mohammed Selim
Filer:	Tadd Fjelp Wilson/Amy Duarte
Attorney Docket Number:	6583-481-CON

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

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:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
CORRECTION OF INVENTORSHIP ON MERITS	1819	1	600	600
		Total in USD ($)		**600**

Electronic Acknowledgement Receipt	
EFS ID:	27246711
Application Number:	14834316
International Application Number:	
Confirmation Number:	1082
Title of Invention:	GLOBAL PANEL
First Named Inventor/Applicant Name:	Mohammed Selim
Customer Number:	111285
Filer:	Tadd Fjelp Wilson/Amy Duarte
Filer Authorized By:	Tadd Fjelp Wilson
Attorney Docket Number:	6583-481-CON
Receipt Date:	18-OCT-2016
Filing Date:	24-AUG-2015
Time Stamp:	13:36:51
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$600
RAM confirmation Number	101816INTEFSW00011658191970
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	Request under Rule 48 correcting inventorship	6583-481-CON_Request-Correct-Inventorship.pdf	131568 ea05af577bf3b5244f2d479d5c659f8d3612c1fe	no	1
Warnings:					
Information:					
2	Application Data Sheet	6583-481-CON_ADS-Corrected-2-Final.pdf	191614 c21f8de85b8c3cd475d3db362fd3ccd2b96fea9a	no	17
Warnings:					
Information:					
This is not an USPTO supplied ADS fillable form					
3	Fee Worksheet (SB06)	fee-info.pdf	30565 8ebd454fa493c1fc7be787ec7d1e7dc89c54aa28	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	353747		

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.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	14/834,316
				Filing Date	August 24, 2015
(Use as many sheets as necessary)				First Named Inventor	Mohammed Selim
				Art Unit	2425
				Examiner Name	BUI, KIEU OANH T
Sheet	1	of	1	Attorney Docket Number	6583-481-CON

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.[1]	Document Number Number-kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	2003/0069874	04/10/2003	Hertzog et al.	
	2	2012/0185902	07/19/2012	LaRosa et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]; Number[4]; Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

NON-PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	3	Official Action for U.S. Patent Application No. 14/841,199, mailed Oct. 6, 2016 (Attorney's Ref. No. 6583-451-CON) 10 pages
	4	Official Action for U.S. Patent Application No. 13/969,588, mailed Jan. 21, 2016 (Attorney's Ref. No. 6583-452) 14 pages
	5	Official Action for U.S. Patent Application No. 14/822,705, mailed Sep. 20, 2016 (Attorney's Ref. No. 6583-489-CON) 27 pages

Examiner Signature		Date Considered	

*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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:	Group Art Unit: 2425
Mohammed Selim	Confirmation No.: 1082
Serial No.: 14/834,316	Examiner: BUI, KIEU OANH T
Filed: August 24, 2015	
Atty. File No.: 6583-481-CON	***Submitted via EFS-Web***
Entitled: "GLOBAL PANEL"	

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Dear Commissioner:

Applicant submits these Comments on Statement of Reasons for Allowance to address further the Notice of Allowability ("Notice") having a mailing date of July 20, 2016.

In the Notice, the Examiner's stated reasons for allowance were that:

> Regarding claim 23, the prior art of record fails to teach or suggest each and every feature of the present invention for "a method of displaying content on a television, comprising:
>
> receiving an indication associated with a selection by a user;
>
> determining, based on the received indication, a global panel to display via the television; retrieving from memory, a first content information for display in the global panel; and displaying, via the television, the retrieved content information in the global panel,
>
> wherein the global panel includes a list of sources of content for the intelligent television, and wherein at least one of the sources is highlighted as being associated with the first content information, wherein the sources include a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television" as claimed, and as also claimed in claims 33 and 43.

Based on the Notice, the patentability of all independent and dependent claims is assumed to be based upon the elements as set forth in such claims and that such claims meet all criteria for patentability under §101, §102, §103 and §112.

As is clear from MPEP 1302.14:

> The statement [of reasons for allowance] is not intended to necessarily state all the reasons for allowance or all the details why claims are allowed and should not be written to specifically or impliedly state that all the reasons for allowance are set forth.

While the above-stated may be a stated reason for allowing some claims, Applicant submits that some other claims may have a different reason for allowance and/or that some claims may have other additional reasons for allowance.

Specifically, the prior art fails to teach the following features of Claims 23, 33 and 43:

> 23. A method of displaying content on a television, comprising:
>
> receiving an indication associated with a selection by a user;
>
> determining, based on the received indication, a global panel to display via the television;
>
> retrieving from memory, a first content information for display in the global panel; and
>
> displaying, via the television, the retrieved content information in the global panel, wherein the global panel includes a list of sources of content for the intelligent television, and wherein at least one of the sources is highlighted as being associated with the first content information, wherein the sources include a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television.

> 33. A non-transitory computer readable information storage medium having stored thereon instructions that cause a computing system to execute a method of displaying content on a television, comprising:
>
> receiving an indication associated with a selection by a user;
>
> determining, based on the received indication, a global panel to display via the television;
>
> retrieving from memory, a first content information for display in the global panel; and
>
> displaying, via the television, the retrieved content information in the global panel, wherein the global panel includes a list of sources of content for the intelligent television, and wherein at least one of the sources is highlighted as being associated with the first content information, wherein the sources include a live television source, a video

on demand source, a media center source, an applications source, and an electrical input associated with the television.

43. A system for displaying content on a television, comprising:

an input device associated with the television;

a memory; and

a microprocessor operable to:

receive an indication associated with a selection by a user;

determine, based on the received indication, a global panel to display via the television; panel; and

retrieve from the memory, a first content information for display in the global display, via the television, the retrieved content information in the global panel, wherein the global panel includes a list of sources of content for the intelligent television, and wherein at least one of the sources is highlighted as being associated with the first content information, wherein the sources include a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television.

Although the Applicant believes that no fees are due for filing these Comments on Statement of Reasons for Allowance, please charge any fees deemed necessary to Deposit Account No. 19-1970.

Respectfully submitted,

SHERIDAN ROSS P.C.

DWS

By: /Douglas W. Swartz/

Douglas W. Swartz
Registration No. 37739
1560 Broadway, Suite 1200
Denver, Colorado 80202-5141
(303) 863-9700

Date: Oct 17, 2016

Electronic Acknowledgement Receipt

EFS ID:	27203958
Application Number:	14834316
International Application Number:	
Confirmation Number:	1082
Title of Invention:	GLOBAL PANEL
First Named Inventor/Applicant Name:	Mohammed Selim
Customer Number:	111285
Filer:	Douglas W. Swartz/Christine Jacquet
Filer Authorized By:	Douglas W. Swartz
Attorney Docket Number:	6583-481-CON
Receipt Date:	13-OCT-2016
Filing Date:	24-AUG-2015
Time Stamp:	13:43:34
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		6583-481_IDS_06.pdf	104930 85c197c6f434dcf4fd5deef39a0a1671d879eda6	yes	3

	Multipart Description/PDF files in .zip description				
	Document Description		**Start**	**End**	
	Transmittal Letter		1	2	
	Information Disclosure Statement (IDS) Form (SB08)		3	3	
Warnings:					
Information:					
2	Non Patent Literature	6583-451-CON_OA_10-06-2016.pdf	688990 90de7fe3457e3c281d1367cb5c2dbb3030f7a8b5	no	10
Warnings:					
Information:					
3	Non Patent Literature	6583-452_FOA_01-21-2016.pdf	999341 030c0d00834d536cb97b76c707abc3b8010c436e	no	14
Warnings:					
Information:					
4	Non Patent Literature	6583-489-CON_FOA_09-20-2016.pdf	2463238 df12f65a40228ca581b3c446fc32ed69a6e3204d	no	27
Warnings:					
Information:					
5	Post Allowance Communication - Incoming	CommentsReasonsForAllowance.pdf	116869 0f8e1668503ba6a3eacea6f7cc348264a1eb6824	no	3
Warnings:					
Information:					
		Total Files Size (in bytes):	4373368		

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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:	)	Group Art Unit: 2425
Mohammed Selim	)	Confirmation No.: 1082
Serial No.: 14/834,316	)	Examiner: BUI, KIEU OANH T
Filed: August 24, 2015	)	SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
Atty. File No.: 6583-481-CON	)	
Entitled: "GLOBAL PANEL"	)	*Electronically Submitted*

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

Dear Commissioner:

The references cited on attached Form PTO/SB08 are being called to the attention of the Examiner.

☒ Copies of the cited non-patent and/or foreign references are enclosed herewith.

☐ Copies of the cited U.S. patents and/or patent applications are enclosed herewith.

☒ Copies of the cited U.S. patents/patent application publications are not enclosed in accordance with 37 C.F.R. § 1.98(a).

☐ Copies of the cited references are not enclosed, in accordance with 37 C.F.R. § 1.98(d), because the references were cited by or submitted to the U.S. Patent and Trademark Office in prior application Serial No. _____ filed _____, which is relied upon for an earlier filing date under 35 U.S.C. § 120.

☐ To the best of applicants' belief, the pertinence of the foreign-language references is believed to be summarized in the attached English abstracts and/or in the figures, although applicants do not necessarily vouch for the accuracy of the translation.

☐ Examiner's attention is drawn to the following related applications:

Serial No. _____ filed _____ (Attorney Ref. No. _____)

Serial No. _____ filed _____ (Attorney Ref. No. _____)

☐ Other:_____

Submission of the above information is not intended as an admission that any item is citable under the statutes or rules to support a rejection, that any item disclosed represents analogous art, or that those skilled in the art would refer to or recognize the pertinence of any reference without the benefit of hindsight, nor should an inference be drawn as to the pertinence

of the references based on the order in which they are presented. Submission of this statement should not be taken as an indication that a search has been conducted, or that no better art exists.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application and the references made of record therein.

Respectfully submitted,

SHERIDAN ROSS P.C.

DWS

By: /Douglas W. Swartz/
Douglas W. Swartz
Registration No. 37739
1560 Broadway, Suite 1200
Denver, Colorado 80202-5141
(303) 863-9700

Date: Oct 12, 2016

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.
14/834,316	08/24/2015	Mohammed Selim	6583-481-CON	1082

111285 7590 09/08/2016

Sheridan Ross P.C.
1560 Broadway
Suite 1200
Denver, CO 80202

EXAMINER
BUI, KIEU OANH T

ART UNIT	PAPER NUMBER
2425	

NOTIFICATION DATE	DELIVERY MODE
09/08/2016	ELECTRONIC

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.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

flexpatents@sheridanross.com
edocket@sheridanross.com

Supplemental Notice of Allowability	Application No. 14/834,316	Applicant(s) SELIM ET AL.	
	Examiner KIEU OANH T. BUI	Art Unit 2425	AIA (First Inventor to File) Status Yes

-- 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 *the amendment was filed on 04/14/2016*.
   ☐ 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 *23-44*. 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 or send an inquiry to 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. ☐ Notice of References Cited (PTO-892)
2. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
5. ☐ Examiner's Amendment/Comment
6. ☒ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/KIEU OANH T BUI/
Primary Examiner, Art Unit 2425

The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

SUPPLEMENTAL DETAILED ACTION

Information Disclosure Statement

1. The information disclosure statement (IDS) submitted on 07/05/2016 was filed after the mailing date of the Office Action on 01/14/2016. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Allowable Subject Matter

2. Claims 23-44 are allowed.

3. The following is an examiner's statement of reasons for allowance:

Regarding claim 23, the prior art of record fails to teach or suggest each and every feature of the present invention for "a method of displaying content on a television, comprising:

receiving an indication associated with a selection by a user;

determining, based on the received indication, a global panel to display via the television;

retrieving from memory, a first content information for display in the global panel; and

displaying, via the television, the retrieved content information in the global panel,

wherein the global panel includes a list of sources of content for the intelligent television, and wherein at least one of the sources is highlighted as being associated with the first content information, wherein the sources include a live television source, a video on demand source, a

media center source, an applications source, and an electrical input associated with the television" as claimed, and as also claimed in claims 33 and 43.

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."

Conclusion

4. **Any response to this action should be mailed to:**
Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to PTO New Central Fax number:
(571) 273-8300, (for Technology Center 2400 only)

Hand deliveries must be made to Customer Service Window,
Randolph Building, 401 Dulany Street, Alexandria, VA 22314.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to KIEU OANH BUI whose telephone number is (571)272-7291. The examiner can normally be reached on MON - FRI from 8:30 AM -6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, BRIAN PENDLETON can be reached on (571) 272-7527. 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.

/KIEU-OANH BUI/
Primary Examiner, Art Unit 2425
August 31, 2016

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*				Application Number	14/834,316
				Filing Date	August 24, 2015
				First Named Inventor	Mohammed Selim
				Art Unit	2425
				Examiner Name	BUI, KIEU OANH T
Sheet	1	of	1	Attorney Docket Number	6583-481-CON

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.[1]	Document Number Number-kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	2012/0174039	07/05/2012	Rhoads et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]; Number[4]; Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

NON-PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	2	Notice of Allowance for U.S. Patent Application No. 13/968,948, mailed Mar. 28, 2016 (Attorney's Ref. No. 6583-450) 7 pages
	3	Official Action for U.S. Patent Application No. 13/968,665, mailed Oct. 09, 2014 (Attorney's Ref. No. 6583-488) 12 pages
	4	Official Action for U.S. Patent Application No. 13/968,665, mailed May 07, 2015 (Attorney's Ref. No. 6583-488) 11 pages
	5	Notice of Allowance for U.S. Patent Application No. 13/968,665, mailed Sep. 04, 2015 (Attorney's Ref. No. 6583-488) 8 pages
	6	Official Action for U.S. Patent Application No. 14/822,705, mailed Mar. 11, 2016 (Attorney's Ref. No. 6583-489-CON) 21 pages

Examiner Signature	/Kieu Oanh Bui/ (09/05/2016)	Date Considered	

*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.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KB/ (09/05/2016)

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

111285 7590 07/20/2016

Sheridan Ross P.C.
1560 Broadway
Suite 1200
Denver, CO 80202

EXAMINER	
BUI, KIEU OANH T	
ART UNIT	PAPER NUMBER
2425	

DATE MAILED: 07/20/2016

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
14/834,316	08/24/2015	Mohammed Selim	6583-481-CON	1082

TITLE OF INVENTION: GLOBAL PANEL

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$960	$0	$0	$960	10/20/2016

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)

111285 7590 07/20/2016
Sheridan Ross P.C.
1560 Broadway
Suite 1200
Denver, CO 80202

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.
14/834,316	08/24/2015	Mohammed Selim	6583-481-CON	1082

TITLE OF INVENTION: GLOBAL PANEL

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$960	$0	$0	$960	10/20/2016

EXAMINER	ART UNIT	CLASS-SUBCLASS
BUI, KIEU OANH T	2425	725-038000

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 _____
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
  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.
- ❑ Applicant asserting small entity status. See 37 CFR 1.27
  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.
- ❑ Applicant changing to regular undiscounted fee 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. _____

PTOL-85 Part B (10-13) Approved for use through 10/31/2013. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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.
14/834,316	08/24/2015	Mohammed Selim	6583-481-CON	1082

111285 7590 07/20/2016

Sheridan Ross P.C.
1560 Broadway
Suite 1200
Denver, CO 80202

EXAMINER	
BUI, KIEU OANH T	
ART UNIT	PAPER NUMBER
2425	

DATE MAILED: 07/20/2016

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.

Notice of Allowability	Application No. 14/834,316	Applicant(s) SELIM ET AL.	
	Examiner KIEU OANH T. BUI	Art Unit 2425	AIA (First Inventor to File) Status Yes

-- 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 *amendment on 4/14/2016*.
   ☐ 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 *23-44*. 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 or send an inquiry to 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. ☐ Notice of References Cited (PTO-892)
2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .
5. ☐ Examiner's Amendment/Comment
6. ☒ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/KIEU OANH T BUI/
Primary Examiner
Art Unit: 2425

DETAILED ACTION

1) The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

Allowable Subject Matter

2. Claims 23-44 are allowed.

3. The following is an examiner's statement of reasons for allowance:

Regarding claim 23, the prior art of record fails to teach or suggest each and every feature of the present invention for "a method of displaying content on a television, comprising:

receiving an indication associated with a selection by a user;

determining, based on the received indication, a global panel to display via the television;

retrieving from memory, a first content information for display in the global panel; and

displaying, via the television, the retrieved content information in the global panel,

wherein the global panel includes a list of sources of content for the intelligent television, and wherein at least one of the sources is highlighted as being associated with the first content information, wherein the sources include a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television" as claimed, and as also claimed in claims 33 and 43.

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."

Conclusion

4. **Any response to this action should be mailed to:**
Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to PTO New Central Fax number:
(571) 273-8300, (for Technology Center 2400 only)

Hand deliveries must be made to Customer Service Window,
Randolph Building, 401 Dulany Street, Alexandria, VA 22314.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to KIEU OANH BUI whose telephone number is (571)272-7291. The examiner can normally be reached on MON - FRI from 8:30 AM -6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, BRIAN PENDLETON can be reached on (571) 272-7527. 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.

/KIEU-OANH BUI/
Primary Examiner, Art Unit 2425
June 30, 2016

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	46881	"725"/$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:39
L2	18864	L1 and (TV and internet)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:39
L3	711	L2 and "display panel"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:39
L4	69	L3 and (display near8 internet near8 (TV channel))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:39
L5	65	L4 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:39
L6	64	L5 and memory	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:39
L7	15	L6 and indication	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:39
L8	15	L7 and user	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:39
L9	3	L8 and favorite	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:39
L10	8313	(H04N21/435).CPC.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:46
L11	7384	(H04N21/84).CPC.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:46
L12	6924	(H04N21/235).CPC.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:46
L13	8379	(H04N21/482).CPC.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:47
L14	7188	(H04N5/44543).CPC.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:47
L15	57307	1 or 10 or 11 or 12 or 13 or 14	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:47
L16	18873	15 and (EPG|PG "program guide")	US-PGPUB; USPAT; EPO;	OR	ON	2016/07/01 00:48

			JPO			
L17	10924	16 and (panel menu)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:48
L18	10776	17 and (TV television)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:49
L19	909	18 and (iTV "intelligent TV" "intelligent television")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:49
L20	202	19 and "live TV"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:50
L21	0	20 and "on demand"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:50
L22	168	20 and (VOD "video on demand")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:50
L23	141	22 and (media near2 source)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:51
L24	7	23 and "application source"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:51
L25	1	24 and "electrical input"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:51
L26	2430	(sung near2 hwang).in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:52
L27	13476	(yong near2 kim).in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:52
L28	2276	(kyung near2 park).in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:52
L29	105	(sung near2 rhyu).in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:53
L30	1850	(jae near2 song).in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:53
L31	19710	26 or 27 or 28 or 29 or 30	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:53
L32	13	31 and (VOD "video on demand").clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:54
L33	0	32 and (media near2 source).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:54
L34	0	32 and "application source".clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:55
L38	124	(mohammed near2 selim).in.	US-PGPUB; USPAT; EPO;	OR	ON	2016/07/01 00:58

			JPO			
L40	395	(sanjiv near2 sirpal).in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 00:59
L41	7	(fuqu near2 wu).in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 01:00
L42	1	(salvador near2 solo).in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 01:00
L43	153	(alexander near2 Paz).in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 01:00
L44	40	(saulo near2 dourado).in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 01:01
L45	17	(karina near2 limongi).in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 01:01
L46	420	39 or 40 or 41 or 42 or 43 or 44 or 45	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 01:02
L47	2	46 and "application source".clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 01:02
L48	1	46 and "electrical input".clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/07/01 01:03
S1	38774	"725"/$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:04
S2	74	S1 and (smartTV and internet)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:04
S3	62	S2 and ((view view$3) near2 panel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:05
S4	62	S3 and (TV television)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:05
S5	62	S4 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:05
S6	2	S5 and (different near3 panel near3 types)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:06
S7	538	smartTV "intelligent television" "intelligent TV"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:10
S8	85	S7 and ((view view$3) near2 panel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:11
S9	2	S8 and (different near3 panel near3 types)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:11
S10	84	S8 and (different near3 types)	US-PGPUB; USPAT; EPO;	OR	ON	2014/05/31 19:11

			JPO			
S11	73	S10 and (different near3 panels)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:11
S12	73	S11 and settings	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:12
S13	72	S12 and "panel type"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:13
S14	72	S13 and favorite	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:13
S15	72	S14 and "recently viewed"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:13
S16	46	S15 and indication	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:29
S17	46	S16 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:30
S18	14	S17 and ("identified user" "registered user")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:32
S19	625001	TV television	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:36
S20	453	S19 and (different near3 panel near3 types)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:36
S21	106	S20 and "panel type"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:37
S22	7	S21 and favorite	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:37
S23	18	S1 and (different near3 panel near3 types)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:41
S24	3	S23 and favorite	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:41
S25	14846	S19 and (multiple near2 display)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:43
S26	272	S25 and "panel type"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:44
S27	83	S26 and favorite	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:44
S28	81	S27 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:44
S29	74	S28 and (different near3 panels)	US-PGPUB; USPAT; EPO;	OR	ON	2014/05/31 19:44

			JPO			
S30	48	S29 and indication	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:44
S31	48	S30 and settings	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:45
S32	41499	"725"/$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:43
S33	66	S32 and "global panel"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:44
S34	66	S33 and (TV and internet)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:44
S35	66	S34 and stream$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:44
S36	66	S35 and (two mear5 "panel types")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:45
S37	7	S35 and (two near5 "panel types")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:45
S38	7	S37 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:45
S39	7	S38 and (selection indication)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:45
S40	7	S39 and user	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:46
S41	7	S40 and favorite	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:46
S42	140	"global panel"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:51
S43	8	S42 and (two near5 "panel types")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:52
S44	8	S43 and (TV and internet)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:52
S45	76	S42 and favorite	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:52
S46	76	S45 and (selection indication)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:53
S47	73	S46 and (TV television)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:53
S48	73	S47 and (content and memory)	US-PGPUB; USPAT; EPO;	OR	ON	2014/11/12 20:53

			JPO			
S49	73	S48 and display$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:53
S50	36	S49 and (settings near5 user)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:54
S51	17	S50 and "identified user"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:55
S52	41545	"725"/$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:29
S53	16153	S52 and (TV and internet)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:30
S54	528	S53 and "display panel"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:30
S55	505	S54 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:30
S56	126	S55 and indication	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:30
S57	123	S56 and memory	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:31
S58	24	S57 and "identified user"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:31
S59	18	S58 and favorite	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:31
S60	12	S59 and "recently viewed"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:31
S61	18	S59 and view$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:34
S62	12	S61 and "recently viewed"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:34
S63	12	S61 and "recently viewed"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:35
S64	15	S61 and recently	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:37
S65	16	S57 and GUI	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:53
S66	54	S54 and (display near8 internet near8 (TV channel))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 01:05
S67	50	S66 and content	US-PGPUB; USPAT; EPO;	OR	ON	2014/11/17 01:05

			JPO			
S68	49	S67 and memory	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 01:05
S69	11	S68 and indication	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 01:05
S70	0	S69 and "identified user"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 01:06
S71	11	S69 and user	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 01:06
S72	0	S71 and "recently viewed"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 01:06
S73	3	S71 and favorite	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 01:06
S74	2653	display$3 near8 internet near8 (TV channel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:43
S75	0	S74 and (two near5 "intelligent television")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:44
S76	36	S74 and (two near5 internet near5 channels)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:44
S77	27	S76 and (IPG EPG "program guide")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:45
S78	27	S77 and source	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:45
S79	27	S78 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:45
S80	0	S74 and (two near5 "intelligent channels")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:48
S81	0	S74 and (plurality near5 "intelligent television")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:49
S82	655	S74 and (IPG EPG "program guide")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:49
S83	78	S82 and "different sources"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:49
S84	78	S83 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:50
S85	1	S84 and (smartTV "intelligent television" "intelligent TV")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:50
S86	1	S84 and (different near3 panel)	US-PGPUB; USPAT; EPO;	OR	ON	2015/05/17 22:51

			JPO			
S88	2	S84 and "internet channel"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:51
S89	2861	display$3 near8 internet near8 (TV channel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:49
S90	714	S89 and (IPG EPG "program guide")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:49
S91	82	S90 and "different sources"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:49
S92	82	S91 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:49
S93	2	S92 and "internet channel"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:49
S94	45607	"725"/$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S95	18221	S94 and (TV and internet)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S96	650	S95 and "display panel"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S97	68	S96 and (display near8 internet near8 (TV channel))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S98	64	S97 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S99	63	S98 and memory	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S100	14	S99 and indication	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S101	14	S100 and user	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S102	3	S101 and favorite	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S103	45607	"725"/$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S104	101	S103 and (smartTV and internet)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S105	73	S104 and ((view view$3) near2 panel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S106	73	S105 and (TV television)	US-PGPUB; USPAT; EPO;	OR	ON	2016/01/06 19:50

			JPO			
S107	73	S106 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S108	2	S107 and (different near3 panel near3 types)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S109	14	S100 and user	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50

7/ 1/ 2016 1:03:40 AM
C:\ Users\ kbui1\ Documents\ EAST\ Workspaces\ 14834316.wsp

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14834316	SELIM ET AL.
	Examiner	Art Unit
	KIEU OANH T BUI	2425

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner
H04N 21/478; 5/4403	05/15 & 01/6/16	KB
H04N 21/435, 21/84, 21/235, 21/482	06/30/2016	KB

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
725	38, 46	05/15 & 1/6/16	KB
725	ALL	06/30/2016	KB

SEARCH NOTES		
Search Notes	Date	Examiner
CPC & EAST SEARCHED	05/15 & 1/6/16	KB
UPDATED	06/30/2016	KB

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
725 ALL	INTERFERENCE CHECK - NONE	06/30/2016	KB

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14834316	SELIM ET AL.
	Examiner	**Art Unit**
	KIEU OANH T BUI	2425

CPC							
Symbol						**Type**	**Version**
H04N		21	/	4316		F	2013-01-01
H04N		21	/	42207		I	2013-01-01
H04N		21	/	4332		A	2013-01-01
H04N		21	/	42219		A	2013-01-01
H04N		21	/	462		I	2013-01-01
H04N		1	/	00448		I	2013-01-01
H04N		17	/	04		I	2013-01-01
H04N		5	/	4403		I	2013-01-01
H04N		21	/	4823		I	2013-01-01
H04N		5	/	50		I	2013-01-01
H04N		21	/	4307		I	2013-01-01
H04N		21	/	26291		I	2013-01-01
H04N		21	/	437		I	2013-01-01
H04N		21	/	4622		I	2013-01-01
H04N		21	/	482		I	2013-01-01
H04N		21	/	8166		I	2013-01-01
H04N		21	/	44213		I	2013-01-01
H04N		21	/	44222		I	2013-01-01
H04N		21	/	44204		I	2013-01-01
H04N		21	/	485		I	2013-01-01
H04N		21	/	472		I	2013-01-01
H04N		21	/	4788		I	2013-01-01
H04N		21	/	4828		I	2013-01-01
H04N		21	/	4821		I	2013-01-01
H04N		21	/	4755		I	2013-01-01
H04N		21	/	8173		I	2013-01-01
H04N		21	/	84		I	2013-01-01
H04N		21	/	478		I	2013-01-01
H04N		21	/	8358		I	2013-01-01
H04N		5	/	445		I	2013-01-01
G06F		3	/	0481		I	2013-01-01

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 22	
/KIEU OANH T BUI/ Primary Examiner.Art Unit 2425 (Primary Examiner)	06/30/2016 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 15C

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14834316	SELIM ET AL.
	Examiner	**Art Unit**
	KIEU OANH T BUI	2425

H04N	21	/	442	I	2013-01-01
H04N	21	/	4882	I	2013-01-01
H04N	21	/	6175	I	2013-01-01
H04N	21	/	8126	I	2013-01-01
H04N	21	/	4858	I	2013-01-01
H04N	21	/	488	I	2013-01-01
H04N	21	/	8133	I	2013-01-01
H04N	21	/	42204	I	2013-01-01
H04N	21	/	4396	I	2013-01-01
H04N	21	/	6125	I	2013-01-01
H04N	21	/	433	I	2013-01-01
H04N	21	/	47202	I	2013-01-01
H04N	21	/	435	I	2013-01-01
H04N	21	/	432	I	2013-01-01
H04N	21	/	47	I	2013-01-01
H04L	51	/	32	I	2013-01-01
H04N	21	/	25808	I	2013-01-01
H04N	21	/	4532	I	2013-01-01
G06F	3	/	017	I	2013-01-01
G06F	2203	/	04804	A	2013-01-01
G06F	3	/	04883	I	2013-01-01
H04N	5	/	44	I	2013-01-01
H04N	5	/	4401	I	2013-01-01
H04N	5	/	45	I	2013-01-01
H04N	21	/	4221	I	2013-01-01
H04N	21	/	42222	I	2013-01-01
H04N	21	/	42225	I	2013-01-01
H04N	21	/	4782	I	2013-01-01
H04N	2005	/	4407	A	2013-01-01
H04N	2005	/	4414	A	2013-01-01
H04N	2005	/	4432	A	2013-01-01
H04N	21	/	2543	I	2013-01-01
H04N	21	/	4753	I	2013-01-01

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 22	
/KIEU OANH T BUI/ Primary Examiner.Art Unit 2425 (Primary Examiner)	06/30/2016 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 15C

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14834316	SELIM ET AL.
	Examiner	**Art Unit**
	KIEU OANH T BUI	2425

H04N		21	/	4826	I	2013-01-01
H04N		5	/	44591	I	2013-01-01
H04N		21	/	25891	I	2013-01-01
H04N		21	/	4312	I	2013-01-01
H04N		21	/	441	I	2013-01-01
H04N		21	/	4756	I	2013-01-01
H04N		21	/	475	I	2013-01-01
H04N		21	/	2187	I	2013-01-01
H04N		21	/	4415	I	2013-01-01
H04N		21	/	6582	I	2013-01-01
H04N		21	/	235	I	2013-01-01
H04N		21	/	42684	I	2013-01-01
G06F		3	/	04817	I	2013-01-01
G06F		3	/	04842	I	2013-01-01
H04N		21	/	47205	I	2013-01-01
H04N		21	/	414	I	2013-01-01

CPC Combination Sets								
Symbol					**Type**	**Set**	**Ranking**	**Version**
			/					
			/					

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 22	
/KIEU OANH T BUI/ Primary Examiner.Art Unit 2425 (Primary Examiner)	06/30/2016 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 15C

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14834316	SELIM ET AL.
	Examiner	**Art Unit**
	KIEU OANH T BUI	2425

US ORIGINAL CLASSIFICATION		INTERNATIONAL CLASSIFICATION										
CLASS	SUBCLASS	CLAIMED					NON-CLAIMED					
725	38	H	0	4	N	21 / 478 (2011.01.01)						
CROSS REFERENCE(S)												
CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)											
725	46											

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 22	
/KIEU OANH T BUI/ Primary Examiner.Art Unit 2425 (Primary Examiner)	06/30/2016 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 15C

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14834316	SELIM ET AL.
	Examiner	**Art Unit**
	KIEU OANH T BUI	2425

☐ 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
	23		39												
	24		40												
	25		41												
	26		42												
	27		43												
	28		44												
	29														
	30														
	31														
	32														
	33														
	34														
	35														
	36														
	37														
	38														

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 22	
/KIEU OANH T BUI/ Primary Examiner.Art Unit 2425 (Primary Examiner)	06/30/2016 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 15C

U.S. Patent and Trademark Office Part of Paper No. 20160701

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*				Application Number	14/834,316
				Filing Date	August 24, 2015
				First Named Inventor	Mohammed Selim
				Art Unit	2425
				Examiner Name	BUI, KIEU OANH T
Sheet	1	of	1	Attorney Docket Number	6583-481-CON

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.[1]	Document Number Number-kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	2012/0174039	07/05/2012	Rhoads et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]; Number[4]; Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

NON-PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	2	Notice of Allowance for U.S. Patent Application No. 13/968,948, mailed Mar. 28, 2016 (Attorney's Ref. No. 6583-450) 7 pages
	3	Official Action for U.S. Patent Application No. 13/968,665, mailed Oct. 09, 2014 (Attorney's Ref. No. 6583-488) 12 pages
	4	Official Action for U.S. Patent Application No. 13/968,665, mailed May 07, 2015 (Attorney's Ref. No. 6583-488) 11 pages
	5	Notice of Allowance for U.S. Patent Application No. 13/968,665, mailed Sep. 04, 2015 (Attorney's Ref. No. 6583-488) 8 pages
	6	Official Action for U.S. Patent Application No. 14/822,705, mailed Mar. 11, 2016 (Attorney's Ref. No. 6583-489-CON) 21 pages

Examiner Signature		Date Considered	

*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.

Electronic Patent Application Fee Transmittal

Application Number:	14834316
Filing Date:	24-Aug-2015
Title of Invention:	GLOBAL PANEL
First Named Inventor/Applicant Name:	Mohammed Selim
Filer:	Douglas W. Swartz/Theresa Brown
Attorney Docket Number:	6583-481-CON

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

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:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
		Total in USD ($)		**180**

Electronic Acknowledgement Receipt	
EFS ID:	26257483
Application Number:	14834316
International Application Number:	
Confirmation Number:	1082
Title of Invention:	GLOBAL PANEL
First Named Inventor/Applicant Name:	Mohammed Selim
Customer Number:	111285
Filer:	Douglas W. Swartz/Theresa Brown
Filer Authorized By:	Douglas W. Swartz
Attorney Docket Number:	6583-481-CON
Receipt Date:	05-JUL-2016
Filing Date:	24-AUG-2015
Time Stamp:	16:25:23
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$180
RAM confirmation Number	3123
Deposit Account	191970
Authorized User	SWARTZ, DOUGLAS W.
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 CFR 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Other Reference-Patent/App/Search documents	6583-450_NOA_03-28-2016.pdf	9194638 8856f7a5bbd2fbb1253ff0ce24f49d38a3f55e09	no	7
Warnings:					
Information:					
2	Other Reference-Patent/App/Search documents	6583-488_OA_10-09-2014.pdf	344132 fbaea2d4c6ef104446ee0d4eea395ff696a8934d	no	12
Warnings:					
Information:					
3	Other Reference-Patent/App/Search documents	6583-488_FOA_05-07-2015.pdf	8122581 aa4df27848252dc63c3d31f8f82f861e6f1c375e	no	11
Warnings:					
Information:					
4	Other Reference-Patent/App/Search documents	6583-488_NOA_09-04-2015.pdf	9088323 1edaa9e2c6e1dbb3ada21c4a64f0d5c93a10df01	no	8
Warnings:					
Information:					
5	Other Reference-Patent/App/Search documents	6583-489-CON_OA_03-11-2016.pdf	18973991 ac9fee6d2e458c68852287c9225c47d0dcde99e7	no	21
Warnings:					
Information:					
6		6583-481-CON_IDS_02.pdf	207434 e5181fc65ef5d9d807dfc68c8bb6f0373aeaede0	yes	4
	Multipart Description/PDF files in .zip description				
	Document Description		**Start**	**End**	

	Transmittal Letter		1		3
	Information Disclosure Statement (IDS) Form (SB08)		4		4
Warnings:					
Information:					
7	Fee Worksheet (SB06)	fee-info.pdf	30547 f0060157f2e0e339c9eb492123e7460654f56bbd	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	45961646		

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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:	)	Group Art Unit: 2425
Mohammed Selim	)	Confirmation No.: 1082
Serial No.: 14/834,316	)	Examiner: BUI, KIEU OANH T
Filed: August 24, 2015	)	SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
Atty. File No.: 6583-481-CON	)	
Entitled: "GLOBAL PANEL"	)	*Electronically Submitted*

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

Dear Commissioner:

The references cited on attached Form PTO/SB08 are being called to the attention of the Examiner.

☒ Copies of the cited non-patent and/or foreign references are enclosed herewith.

☐ Copies of the cited U.S. patents and/or patent applications are enclosed herewith.

☒ Copies of the cited U.S. patents/patent application publications are not enclosed in accordance with 37 C.F.R. § 1.98(a).

☐ Copies of the cited references are not enclosed, in accordance with 37 C.F.R. § 1.98(d), because the references were cited by or submitted to the U.S. Patent and Trademark Office in prior application Serial No. _____ filed _____, which is relied upon for an earlier filing date under 35 U.S.C. § 120.

☐ To the best of applicants' belief, the pertinence of the foreign-language references is believed to be summarized in the attached English abstracts and/or in the figures, although applicants do not necessarily vouch for the accuracy of the translation.

☐ Examiner's attention is drawn to the following related applications:

Serial No. _____ filed _____ (Attorney Ref. No. _____)

Serial No. _____ filed _____ (Attorney Ref. No. _____)

☐ Other:_____

Submission of the above information is not intended as an admission that any item is citable under the statutes or rules to support a rejection, that any item disclosed represents analogous art, or that those skilled in the art would refer to or recognize the pertinence of any reference without the benefit of hindsight, nor should an inference be drawn as to the pertinence

of the references based on the order in which they are presented. Submission of this statement should not be taken as an indication that a search has been conducted, or that no better art exists.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application and the references made of record therein.

FEES

☐	**37 CFR 1.97(b)**: No fee is believed due in connection with this submission, because the information disclosure statement submitted herewith is satisfied by one of the following conditions ("X" indicates satisfaction): ☐ Within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d), or ☐ Within three months of the date of entry of the national stage as set forth in § 1.491 in an international application, or ☐ Before the mailing date of a first Office Action on the merits, or ☐ Before the mailing of a first Office action after the filing of a request for continued examination under 37 CFR 1.114. Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Deposit Account 19-1970.
☒	**37 CFR 1.97(c)**: The information disclosure statement transmitted herewith is being filed after all the above conditions (37 CFR 1.97(b)), but before the mailing date of any one of the following conditions: (1) a final action under 37 C.F.R. 1.113, or (2) a notice of allowance under 37 C.F.R. 1.311, or (3) an action that otherwise closes prosecution in the application. This Information Disclosure Statement is accompanied by: ☐ A Certification (below) as specified by 37 C.F.R. 1.97(e). Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Deposit Account 19-1970. OR ☒ Please charge Deposit Account 19-1970 in the amount of $180.00 for the fee set forth in 37 C.F.R. 1.17(p) for submission of an information disclosure statement. Please credit any overpayment or charge any underpayment to Deposit Account 19-1970.
☐	**37 CFR 1.97(d)**: This Information Disclosure Statement is being submitted after the period specified in 37 CFR 1.97(c). ☐ This information Disclosure Statement includes a Certification (below) as specified by 37 C.F.R. 1.97(e) AND ☐ Applicants hereby requests consideration of the reference(s) disclosed herein. Please charge Deposit Account 19-1970 in the amount of $ under 37 C.F.R. 1.17(p). Please credit any overpayment or charge any underpayment to Deposit Account 19-1970. Election to pay the fee should not be taken as an indication that applicant(s) cannot execute a certification.

Certification (37 C.F.R. 1.97(e))
(Applicable only if checked)

☐ The undersigned certifies that:

☐ Each item of information contained in the Information Disclosure Statement submitted herewith was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(1).

☐ A copy of the communication from the foreign patent office is enclosed.

OR

☐ No item of information contained in the Information Disclosure Statement submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(2).

Respectfully submitted,

SHERIDAN ROSS P.C.

By: /Douglas W. Swartz/
Douglas W. Swartz
Registration No. 37739
1560 Broadway, Suite 1200
Denver, Colorado 80202-5141
(303) 863-9700

Date: July 5, 2016

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of: Mohammed SELIM	Group Art Unit: 2425
Application No.: 14/834,316	Examiner: BUI, KIEU OANH T.
Filed: August 24, 2015	Confirmation No.: 1082
Atty. File No.: 6583-481-CON	

For: "GLOBAL PANEL"

AMENDMENT AND RESPONSE

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

Commissioner:

Applicants submit this Amendment and Response to address the Office Action having a mailing date of January 14, 2016. Please credit any overpayment or charge any underpayment to Deposit Account No. 19-1970.

Please amend the above-identified patent application as follows:

Amendments to the Claims are shown in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 8 of this paper.

Amendments to the Claims:

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

Listing of Claims:

1-22. (Cancelled)

23. (Currently Amended) A method of displaying content on a television, comprising:

receiving an indication associated with a selection by a user;

determining, based on the received indication, a global panel to display via the television;

retrieving from memory, a first content information for display in the global panel; and

displaying, via the television, the retrieved content information in the global panel, wherein the global panel includes a list of ~~two or more~~ sources of content for the intelligent television, and wherein at least one of the ~~two or more~~ sources is highlighted as being associated with the first content information, wherein the ~~two or more~~ sources include ~~two or more of~~ a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television.

24. (Previously Presented) The method of claim 23, further comprising:

identifying a user associated with the received indication;

retrieving one or more settings associated with the identified user;

retrieving, from memory, content information associated with the identified user; and

displaying, via the television, the retrieved content information in the global panel.

25. (Previously Presented) The method of claim 23, further comprising:

identifying a user associated with the received indication;

retrieving, from memory, one or more settings associated with the identified user;

retrieving, from memory, content information associated with the identified user and the one or more settings associated with the user; and

displaying, via the television, the retrieved content information in the global panel.

EX. 1002
LG Electronics, Inc. / Page 112 of 351

26. (Previously Presented) The method of claim 23, further comprising:

receiving a second indication associated with a selection by a user;

determining, based on the second indication, a source of content information to be displayed in the global panel based;

retrieving at least a portion of content information from the determined source; and

displaying, via the television, the content information associated with the determined source.

27. (Previously Presented) The method of claim 23, wherein the global panel comprises information from at least two different panel types.

28. (Previously Presented) The method of claim 23, further comprising:

identifying at least one of a content source and a content information currently being displayed via a television;

selecting a panel type based on the identified at least one of content source and content information currently being displayed via the television;

retrieving, from memory, content information based on the selected panel type; and

displaying, via the television, the retrieved content information in the global panel based on the selected panel type.

29. (Previously Presented) The method of claim 28, further comprising:

receiving a second indication associated with a selection by a user;

selecting a panel type based on the second indication;

retrieving, from memory, content information based on the selected panel type and the second indication; and

displaying, via the television, the retrieved content information in the global panel.

30. (Previously Presented) The method of claim 29, wherein the retrieved content information comprises information associated with content information marked as favorite.

31. (Previously Presented) The method of claim 29, wherein the retrieved content information comprises information associated with content information recently viewed.

EX. 1002
LG Electronics, Inc. / Page 113 of 351

32. (Previously Presented) The method of claim 29, wherein the retrieved content information comprises information associated with content information marked as favorite and further comprises information associated with content information recently viewed.

33. (Currently Amended) A non-transitory computer readable information storage medium having stored thereon instructions that cause a computing system to execute a method of displaying content on a television, comprising:

receiving an indication associated with a selection by a user;

determining, based on the received indication, a global panel to display via the television;

retrieving from memory, a first content information for display in the global panel; and

displaying, via the television, the retrieved content information in the global panel, wherein the global panel includes a list of ~~two or more source~~ sources of content for the intelligent television, and wherein at least one of the ~~two or more~~ sources is highlighted as being associated with the first content information, wherein the ~~two or more~~ sources include ~~two or more of~~ a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television.

34. (Previously Presented) The non-transitory computer-readable medium of claim 33, wherein the instructions further comprise:

identifying a user associated with the received indication;

retrieving one or more settings associated with the identified user;

retrieving, from memory, content information associated with the identified user; and

displaying, via the television, the retrieved content information in the global panel.

35. (Previously Presented) The non-transitory computer-readable medium of claim 33, wherein the instructions further comprise:

identifying a user associated with the received indication;

retrieving, from memory, one or more settings associated with the identified user;

retrieving, from memory, content information associated with the identified user and the one or more settings associated with the user; and

displaying, via the television, the retrieved content information in the global panel.

EX. 1002
LG Electronics, Inc. / Page 114 of 351

36. (Previously Presented) The non-transitory computer-readable medium of claim 33, wherein the instructions further comprise:

receiving a second indication associated with a selection by a user;

determining, based on the second indication, a source of content information to be displayed in the global panel based;

retrieving at least a portion of content information from the determined source; and

displaying, via the television, the content information associated with the determined source .

37. (Previously Presented) The non-transitory computer-readable medium of claim 33, further comprising retrieving from memory a second content information for display in the global panel; and displaying, via the television, the retrieved first content information and the retrieved second content information in the global panel.

38. (Previously Presented) The non-transitory computer-readable medium of claim 33, further comprising:

identifying at least one of a content source and a content information currently being displayed via a television;

selecting a panel type based on the identified at least one of content source and content information currently being displayed via the television;

retrieving, from memory, content information based on the selected panel type; and

displaying, via the television, the retrieved content information in the global panel based on the selected panel type.

39. (Previously Presented) The non-transitory computer-readable medium of claim 38, wherein the instructions further comprise:

receiving a second indication associated with a selection by a user;

selecting a panel type based on the second indication;

retrieving, from memory, content information based on the selected panel type and the second indication; and

displaying, via the television, the retrieved content information in the global panel.

EX. 1002
LG Electronics, Inc. / Page 115 of 351

40. (Previously Presented) The non-transitory computer-readable medium of claim 39, wherein the retrieved content information comprises information associated with content information marked as favorite.

41. (Previously Presented) The non-transitory computer-readable medium of claim 39, wherein the retrieved content information comprises information associated with content information recently viewed.

42. (Previously Presented) The non-transitory computer-readable medium of claim 39, wherein the retrieved content information comprises information associated with content information marked as favorite and further comprises information associated with content information recently viewed.

43. (Currently Amended) A system for displaying content on a television, comprising:

an input device associated with the television;

a memory; and

a microprocessor operable to:

receive an indication associated with a selection by a user;

determine, based on the received indication, a global panel to display via the television;

retrieve from the memory, a first content information for display in the global panel; and

display, via the television, the retrieved content information in the global panel, wherein the global panel includes a list of ~~two or more source~~sources of content for the intelligent television, and wherein at least one of the ~~two or more~~ sources is highlighted as being associated with the first content information, wherein the ~~two or more~~ sources include ~~two or more of~~ a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television.

44. (Previously Presented) The system of claim 43, wherein the microprocessor is further operable to:

EX. 1002
LG Electronics, Inc. / Page 116 of 351

identify at least one of a content source and a content information currently being displayed via a television;

select a panel type based on the identified at least one of content source and content information currently being displayed via the television;

retrieve, from the memory, content information based on the selected panel type; and

display, via the television, the retrieved content information in the global panel based on the selected panel type.

EX. 1002
LG Electronics, Inc. / Page 117 of 351

REMARKS/ARGUMENTS

Status of the Claims

In the Office Action mailed January 14, 2016, claims 23-44 were pending in the application. Claims 23, 33, 43 are amended. No claims have been added or canceled. Therefore, claims 23-44 are present for examination. No new matter has been added by these amendments. Claims 23, 33, 43 are independent claims. Applicants respectfully request reconsideration of this application as amended.

Rejections Under 35 U.S.C. §103

Claims 23-44 rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Pub. No. 2005/0097622 to Zigmond et al. ("Zigmond") in view U.S. Pat. No. 7,152,236 to Wugofski et al. ("Wugofski").

Applicants respectfully traverse the obviousness rejection. To establish a *prima facie* case of obviousness, all claim limitations must first be taught or suggested by the prior art. *See*, *e.g.*, *DyStar Textilfarben GmbH & Co. Deutschland KG v. C.H. Patrick Co.*, 464 F.3d 1356, 1360 (Fed. Cir. 2006). "All words in a claim must be considered in judging the patentability of that claim against the prior art." M.P.E.P. § 2143.03 (citing *In re Wilson*, 424 F.2d 1382, 1385, 165 USPQ 494, 496 (CCPA 1970)). The Examiner must then provide an explicit analysis of the motivation for combining the references. *See KSR Int'l Co. v. Teleflex Inc.*, 127 S. Ct. 1727, 1741 (2007) ("a patent composed of several elements is not proved obvious merely by demonstrating that each of its elements was, independently, known in the prior art . . ."). While the Examiner can choose one of several exemplary rationales from the MPEP to support an obviousness rejection, all the rationales in the MPEP still require the Examiner to demonstrate that all the claim elements are shown in the prior art. *See* MPEP § 2143.

Claim 23:

Claim 23 includes elements not taught in the cited art. Notably, at least the elements italicized below are not taught:

> 23. A method of displaying content on a television, comprising:
> receiving an indication associated with a selection by a user;
> determining, based on the received indication, a global panel to display via the television;
> retrieving from memory, a first content information for display in the global panel; and

displaying, via the television, the retrieved content information in the global panel, wherein the global panel includes a list of sources of content for the intelligent television, and wherein at least one of the sources is highlighted as being associated with the first content information, wherein the sources include a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television.

At Least First Missing Limitation: "displaying, via the television, the retrieved content information in the global panel, wherein the global panel includes a list of sources of content for the intelligent television, and wherein at least one of the sources is highlighted as being associated with the first content information, wherein the sources include a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television"

Claim 1 includes displaying, via the television, the retrieved content information in the global panel, wherein the global panel includes a list of sources of content for the intelligent television, and wherein at least one of the sources is highlighted as being associated with the first content information, wherein the sources include a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television. The cited art at least does not teach this element.

The Office Action states that Zigmond fails to teach this element of the claims and instead relies on Wugofski as teaching the sources of content. *See Office Action*, p. 3. Specifically, the rejection cites the Figs. 5A-5D of Wugofski, of which Fig. 5A is provided to the left as an example.

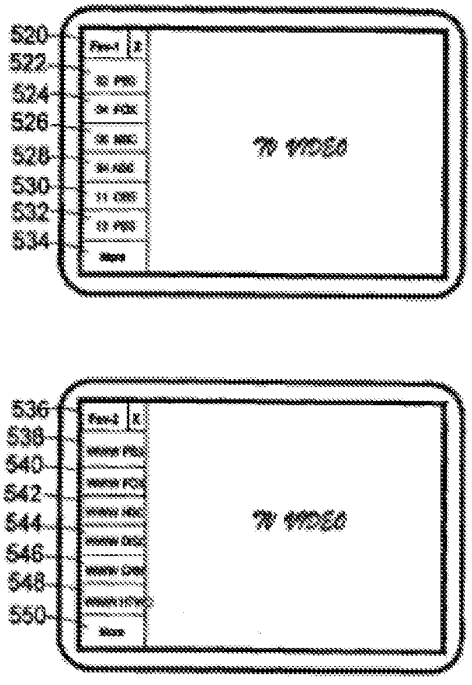


FIG 5A

The figures in Wugofski provide only two sources of content – a live television channel and a web source. Wugofski fails to show more than these two sources. Indeed, the description in Wugofski is lacking especially when compared Fig. 15B (provided below) of the Present Application which shows an example of a global panel as claimed. As evidenced by the global panel, several sources of content are shown including a live TV source, a media center source, an HDMI source, etc. The description in Wugofski fails to provide the description of the additional sources. As such, Wugofski does not describe a global panel having a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television.

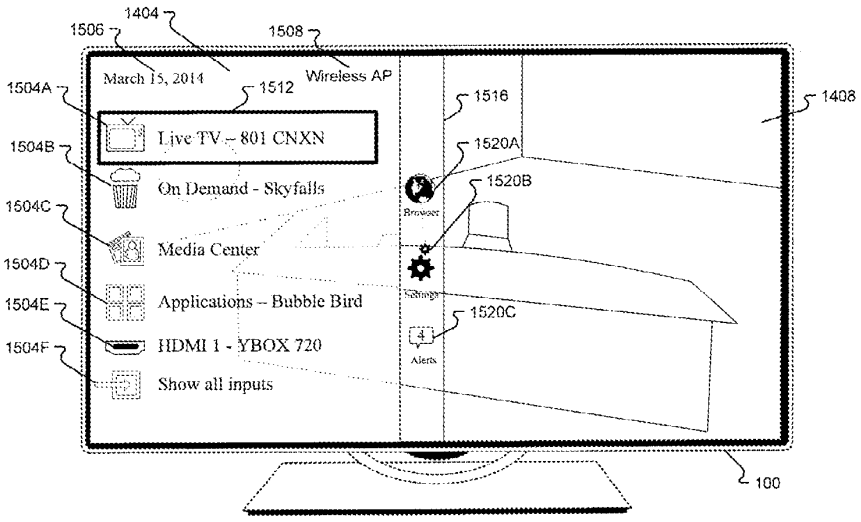


Fig. 15B

Thus, there is nothing cited in either Wugofski that overcomes the deficiencies of Zigmond. For at least these reasons, the combination of Zigmond and Wugofski fails to teach all the claim elements of the present claim. Therefore, the Office Action has failed to show a *prima facie* case of obviousness, and the claim should be allowed.

At Least Second Missing Limitation: "wherein at least one of the sources is highlighted as being associated with the first content information"

Claim 16 also wherein at least one of the sources is highlighted as being associated with the first content information. The cited art at least does not teach this element.

The Office Action has not made any attempt to show how either Zigmond or Wugofski describes "wherein at least one of the sources is highlighted as being associated with the first

content information." As there is no citation to any prior art that teaches this element, the Office Action has failed to state a *prima facie* case of obviousness.

Claim 33:

Claim 33 includes elements that are the same as or similar to claim 16. As such, for the same or similar reasons, claim 33 is also allowable over the cited art.

Claim 43:

Claim 43 includes elements that are the same as or similar to claim 16. As such, for the same or similar reasons, claim 43 is also allowable over the cited art.

Claims 17-32, 34-42, and 44:

Claims 17-32, 34-42, and 44 each depend, either directly or indirectly, from allowable base claims 16, 33, or 43. Due, at least in part, to this dependence on an allowable base claim, claims 17-32, 34-42, and 44 are also allowable over the cited art.

EX. 1002
LG Electronics, Inc. / Page 121 of 351

CONCLUSION

In view of the foregoing, Applicants believe all claims now pending in this Application are in a condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested. Applicants do not acquiesce to any objection, rejection, or argument not specifically addressed herein. Rather, the Applicants believe the amendments and arguments contained herein overcome all objections, rejections, or arguments.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at (303) 863-2987.

The Commissioner is hereby authorized to charge to deposit account number 19-1970 any fees under 37 CFR § 1.16 and 1.17 that may be required by this paper and to credit any overpayment to that Account. If any extension of time is required in connection with the filing of this paper and has not been separately requested, such extension is hereby petitioned.

Respectfully submitted,

SHERIDAN ROSS P.C.

Date: April 14, 2016

By: /Tadd F. Wilson/

Tadd F. Wilson
Reg. No. 54,544
1560 Broadway, Suite 1200
Denver, Colorado 80202
Telephone: 303-863-9700

Electronic Acknowledgement Receipt

EFS ID:	25498145
Application Number:	14834316
International Application Number:	
Confirmation Number:	1082
Title of Invention:	GLOBAL PANEL
First Named Inventor/Applicant Name:	Mohammed Selim
Customer Number:	111285
Filer:	Tadd Fjelp Wilson/Kathy Johnston
Filer Authorized By:	Tadd Fjelp Wilson
Attorney Docket Number:	6583-481-CON
Receipt Date:	14-APR-2016
Filing Date:	24-AUG-2015
Time Stamp:	19:10:21
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		AMEND_01_6583-481-CON.pdf	461037 565bb6230c4064072d43b346b508aa8d9dcd4d35	yes	12

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Amendment/Req. Reconsideration-After Non-Final Reject	1	1
	Claims	2	7
	Applicant Arguments/Remarks Made in an Amendment	8	12
Warnings:			
Information:			
	Total Files Size (in bytes):	461037	

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.

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
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 displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 14/834,316	Filing Date 08/24/2015	☐ To be Mailed

ENTITY: ☒ LARGE ☐ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)		
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ 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 $ =	
☐ 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).			
☐ 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	

APPLICATION AS AMENDED – PART II

AMENDMENT	04/14/2016	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 22	Minus	** 22	= 0	X $80 =	0
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $420 =	0
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	0

AMENDMENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L 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.

LIE
/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

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	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/834,316	08/24/2015	Mohammed Selim	6583-481-CON

CONFIRMATION NO. 1082

111285
Sheridan Ross P.C.
1560 Broadway
Suite 1200
Denver, CO 80202

PUBLICATION NOTICE



Title:GLOBAL PANEL

Publication No.US-2016-0057480-A1
Publication Date:02/25/2016

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. 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 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 Managment, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

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.
14/834,316	08/24/2015	Mohammed Selim	6583-481-CON	1082

111285 7590 01/14/2016

Sheridan Ross P.C.
1560 Broadway
Suite 1200
Denver, CO 80202

EXAMINER
BUI, KIEU OANH T

ART UNIT	PAPER NUMBER
2425	

NOTIFICATION DATE	DELIVERY MODE
01/14/2016	ELECTRONIC

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.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

flexpatents@sheridanross.com
edocket@sheridanross.com

Office Action Summary	Application No. 14/834,316	Applicant(s) SELIM ET AL.	
	Examiner KIEU OANH T. BUI	Art Unit 2425	AIA (First Inventor to File) Status Yes

-- 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 _____.

☐ 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) _____ 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) *23-44* 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 or send an inquiry to PPHfeedback@uspto.gov.

Application Papers

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

11)☒ The drawing(s) filed on *8/24/2015* 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) ☒ Notice of References Cited (PTO-892)

2) ☒ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

4) ☐ Other: _____.

DETAILED ACTION

1. The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

Information Disclosure Statement

2. The information disclosure statements (IDSs) submitted on 11/30/2015 is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statements are being considered by the examiner.

Remark

3. Claims 1-22 were cancelled, and new claims 23-44 are added and pending for exmination.

Claim Rejections - 35 USC § 103

4. In the event the determination of the status of the application as subject to AIA 35 U.S.C. 102 and 103 (or as subject to pre-AIA 35 U.S.C. 102 and 103) is incorrect, any correction of the statutory basis for the rejection will not be considered a new ground of rejection if the prior art relied upon, and the rationale supporting the rejection, would be the same under either status.

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

> A patent for a claimed invention may not be obtained, notwithstanding that the claimed invention is not identically disclosed as set forth in section 102 of this title, if the differences between the claimed invention and the prior art are such that the claimed invention as a whole would have been obvious before the effective filing date of the claimed invention to a person having ordinary skill in the art to which the claimed invention pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 23-44 are rejected under 35 U.S.C. 103 as being unpatentable over Zigmond et al. (U.S. Patent Pub 2005/0097622 A1) in view of Wugofski et al.(US Patent 7,152,236 B1).

Regarding claim 23, Zigmond teaches "a method of displaying content on a television, comprising: receiving an indication associated with a selection by a user; determining, based on the received indication, a global panel to display via the television; retrieving from memory, a first content information for display in the global panel; and displaying, via the television, the retrieved content information in the global panel" (page 2/par. 0013 to 0015, and Fig. 9 & page 6/par. 0065 to 0067 as the user can select to view on the display panel a first content, i.e., a TV content or TV channel, and he can also select to view another specified content such as from the Internet as he prefers).

Zigmond does not further show the step of "wherein the global panel includes a list of two or more source of content for the intelligent television, and wherein at least one of the two or more sources is highlighted as being associated with the first content information, wherein the two or more sources include two or more of a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television"; however, such a technique is known in the art. In fact, Wugofski does teach an exact same technique as Wugofski shows that in his electronic program guide, on the left panel, the program guide has a list of a plurality of sources of intelligent channels (Figs. 5A -5B – 5C & 5D) wherein as the user selects the intelligent channel on the panel, the video screen would display the corresponding content information (see further in Wugofski, col. 6/lines 10-56). Therefore, it would have been obvious to one of an ordinary skilled in the art at the time the invention was made to modify Zigmond's system with a known electronic program guide which

can display both the regular channels and the Internet (or intelligent channels) at the same time at the display of corresponding content as the user select by highlighting the interested channel/source as preferred.

As for claim 24, Zigmond further teaches "comprising: identifying a user associated with the received indication; retrieving one or more settings associated with the identified user; retrieving, from memory, content information associated with the identified user; and displaying, via the television, the retrieved content information in the global panel" (page 6/par. 0070 & 0071 as the user can have his favorites folder and "Recent" links allow the system identifies the user for displaying the appropriate contents to the identified user).

For claim 25, Zigmond further teaches "comprising: identifying a user associated with the received indication; retrieving, from memory, one or more settings associated with the identified user; retrieving, from memory, content information associated with the identified user and the one or more settings associated with the user; and displaying, via the television, the retrieved content information in the global panel" (page 6/par. 0070 & 0071 as the user can have his favorites folder and "Recent" links allow the system identifies the user for displaying the appropriate contents to the identified user).

As for claim 26, Zigmond further teaches "comprising: receiving a second indication associated with a selection by a user; determining, based on the second indication, a source of content information to be displayed in the global panel based; retrieving at least a portion of content information from the determined source; and displaying, via the television, the content information associated with the determined source" (as discussed in claim 23, as the user select

another content such as from the Internet, the related content is displaying to the user, page 6/par. 0065-0066).

As for claim 27, Zigmond teaches "wherein the global panel comprises information from at least two different panel types" (refer back again to claim 23 as TV and Internet are two different content types).

For claim 28, Zigmond further teaches "comprising: identifying at least one of a content source and a content information currently being displayed via a television; selecting a panel type based on the identified at least one of content source and content information currently being displayed via the television; retrieving, from memory, content information based on the selected panel type; and displaying, via the television, the retrieved content information in the global panel based on the selected panel type" (refer back to claim 23, this claim refers to the same features as in claim 23).

As for claim 29, Zigmond further teaches "comprising: receiving a second indication associated with a selection by a user; selecting a panel type based on the second indication; retrieving, from memory, content information based on the selected panel type and the second indication; and displaying, via the television, the retrieved content information in the global panel" (as discussed in claim 23, as the user select another content such as from the Internet, the related content is displaying to the user, page 6/par. 0065-0066).

For claims 30 and 31, Zigmond teaches "wherein the retrieved content information comprises information associated with content information marked as favorite" and "wherein the retrieved content information comprises information associated with content information recently viewed" (page 6/par. 0070 & 0071).

As for claim 32, Zigmond teaches "wherein the retrieved content information comprises information associated with content information marked as favorite and further comprises information associated with content information recently viewed" (page 6/par. 0070 & 0071).

Regarding claims 33-42, these claims for "a non-transitory computer readable information storage medium having stored thereon instructions that cause a computing system to execute a method of displaying content on a television, comprising: receiving an indication associated with a selection by a user; determining, based on the received indication, a global panel to display via the television; retrieving from memory, a first content information for display in the global panel; and displaying, via the television, the retrieved content information in the specified global panel" with same features as disclosed above are rejected for the reasons in the scope of claims 1-10 as taught by Zigmond above.

In addition to claim 33, Zigmond does not further show the step of "wherein the global panel includes a list of two or more source of content for the intelligent television, and wherein at least one of the two or more sources is highlighted as being associated with the first content information wherein the two or more sources include two or more of a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television"; however, such a technique is known in the art. In fact, Wugofski does teach an exact same technique as Wugofski shows that in his electronic program guide, on the left panel, the program guide has a list of a plurality of sources of intelligent channels (Figs. 5A -5B – 5C & 5D) wherein as the user selects the intelligent channel on the panel, the video screen would display the corresponding content information (see further in Wugofski, col. 6/lines 10-56). Therefore, it would have been obvious to one of an ordinary skilled in the art at the time

the invention was made to modify Zigmond's system with a known electronic program guide which can display both the regular channels and the Internet (or intelligent channels) at the same time at the display of corresponding content as the user select by highlighting the interested channel/source as preferred.

Regarding claims 43-44, these claims for "a system for displaying content on a television, comprising: an input device associated with the television; a memory; and a microprocessor operable to: receive an indication associated with a selection by a user; determine, based on the received indication, a global panel to display via the television; retrieve from the memory, a first content information for display in the global panel; and display, via the television, the retrieved content information in the specified global panel" with same features as disclosed above are rejected for the reasons in the scope of claims 23-25 as taught by Zigmond above.

In addition to claim 43, Zigmond does not further show the step of "wherein the global panel includes a list of two or more source of content for the intelligent television, and wherein at least one of the two or more sources is highlighted as being associated with the first content information; wherein the two or more sources include two or more of a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television"; however, such a technique is known in the art. In fact, Wugofski does teach an exact same technique as Wugofski shows that in his electronic program guide, on the left panel, the program guide has a list of a plurality of sources of intelligent channels (Figs. 5A -5B – 5C & 5D) wherein as the user selects the intelligent channel on the panel, the video screen would display the corresponding content information (see further in Wugofski, col. 6/lines 10-56). Therefore, it would have been obvious to one of an ordinary skilled in the art at the time

the invention was made to modify Zigmond's system with a known electronic program guide which can display both the regular channels and the Internet (or intelligent channels) at the same time at the display of corresponding content as the user select by highlighting the interested channel/source as preferred.

Conclusion

7. Examiner's Note: The Examiner has cited particular paragraphs or columns and line numbers in the references applied to the claims above for the convenience of the applicant. Although the specified citations are representative of the teachings of the art and are applied to specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in their entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the Examiner. In the case of amending the claimed invention, Applicant is respectfully requested to indicate the portion(s) of the specification which dictate the structure relied on for proper interpretation and also to verify and ascertain the metes and bounds of the claimed invention.

8. **Any response to this action should be mailed to:**
Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to PTO New Central Fax number:
(571) 273-8300, (for Technology Center 2400 only)

Hand deliveries must be made to Customer Service Window,
Randolph Building, 401 Dulany Street, Alexandria, VA 22314.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to "Krista" Kieu-Oanh Bui whose telephone number is (571) 272-7291. The examiner can normally be reached on Monday-Thursday from 8:30 AM to 5:00PM.
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Brian Pendleton, can be reached at (571) 272- 7527.

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).

/KIEU-OANH BUI/
Primary Examiner, Art Unit 2425
January 08, 2016

Notice of References Cited	Application/Control No. 14/834,316	Applicant(s)/Patent Under Reexamination SELIM ET AL.	
	Examiner KIEU OANH T. BUI	Art Unit 2425	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-2005/0097622 A1	05-2005	Zigmond, Daniel J.	H04N5/4401	725/135
*	B	US-7,152,236 B1	12-2006	Wugofski; Theodore D.	H04N5/44543	348/E5.105
	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	CPC 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.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	14/834,316
				Filing Date	August 24, 2015
(Use as many sheets as necessary)				First Named Inventor	Mohammed Selim
				Art Unit	2425
				Examiner Name	Not yet assigned
Sheet	1	of	4	Attorney Docket Number	6583-481-CON

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.[1]	Document Number Number-kind Code [2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	5539479	07/23/1996	Bertram	
	2	5933141	08/03/1999	Smith	
	3	6661468	12/09/2003	Alten et al.	
	4	6978473	12/20/2005	Nsonwu et al.	
	5	7152236	12/19/2006	Wugofski et al.	
	6	7487529	02/03/2009	Orlick	
	7	7493641	02/17/2009	Klosterman et al.	
	8	7685520	03/23/2010	Rashkovskiy et al.	
	9	7880077	02/01/2011	Pauws et al.	
	10	7900228	03/01/2011	Stark et al.	
	11	7908635	03/15/2011	Barton et al.	
	12	8166511	04/24/2012	Griggs	
	13	8220021	07/10/2012	Look et al.	
	14	8352983	01/08/2013	Chane et al.	
	15	2001/0056577	12/27/2001	Gordon et al.	
	16	2002/0026637	02/28/2002	Markel et al.	
	17	2002/0067376	06/06/2002	Martin et al.	
	18	2002/0188958	12/12/2002	Miller	
	19	2002/0188944	12/12/2002	Noble	
	20	2003/0070171	04/10/2003	Jeon et al.	
	21	2004/0216156	10/28/2004	Wagner	
	22	2005/0097622	05/05/2005	Zigmond et al.	
	23	2006/0117343	06/01/2006	Novak et al.	
	24	2007/0199022	08/23/2007	Moshiri et al.	
	25	2007/0261090	11/08/2007	Miller et al.	
	26	2008/0022309	01/24/2008	Begeja et al.	
	27	2008/0120635	05/22/2008	Trimper et al.	
	28	2008/0155613	06/26/2008	Benya et al.	
	29	2009/0158375	06/18/2009	Rodriguez et al.	
	30	2009/0160764	06/25/2009	Myllymäki	
	31	2009/0228919	09/10/2009	Zott et al.	
	32	2009/0271823	10/29/2009	Jung et al.	

Examiner Signature	/Kieu Oanh Bui/ (01/06/2016)	Date Considered	

*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.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KB/

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	14/834,316
				Filing Date	August 24, 2015
(Use as many sheets as necessary)				First Named Inventor	Mohammed Selim
				Art Unit	2425
				Examiner Name	Not yet assigned
Sheet	2	of	4	Attorney Docket Number	6583-481-CON

	33	2010/0013997	01/21/2010	Whang	
	34	2010/0037267	02/11/2010	Bennett	
	35	2011/0119626	05/19/2011	Faenger et al.	
	36	2011/0145860	06/16/2011	Wei	
	37	2011/0179453	07/21/2011	Poniatowski	
	38	2011/0289419	11/24/2011	Yu et al.	
	39	2012/0030317	02/02/2012	Smyth et al.	
	40	2012/0144416	06/07/2012	Wetzer et al.	
	41	2012/0144422	06/07/2012	Han et al.	
	42	2012/0200574	08/09/2012	Hill et al.	
	43	2012/0221972	08/30/2012	Dougall et al.	
	44	2012/0257108	10/11/2012	Friedlander et al.	
	45	2012/0260284	10/11/2012	Friedlander et al.	
	46	2014/0053198	02/20/2014	Sirpal et al.	
	47	2014/0059615	02/27/2014	Sirpal et al.	
	48	2014/0059635	02/27/2014	Sirpal et al.	
	49	2014/0068674	03/06/2014	Sirpal et al.	
	50	2014/0059605	02/27/2014	Sirpal et al.	
	51	2014/0059606	02/27/2014	Selim et al.	

UNPUBLISHED U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-kind Code[2] (if known)	Filing Date MM-DD-YYYY	Name of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	52	14/822705	08/10/2015	Sirpal et al.	
	53	14/841199	08/31/2015	Sirpal et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]; Number[4]; Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
	54	EP 2328346	06/01/2011	UNITED VIDEO PROPERTIES, INC.		
	55	EP 2487922	08/15/2012	LG ELECTRONICS, INC.		

Examiner Signature	/Kieu Oanh Bui/ (01/06/2016)	Date Considered	

*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.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KB/

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	14/834,316
				Filing Date	August 24, 2015
				First Named Inventor	Mohammed Selim
(Use as many sheets as necessary)				Art Unit	2425
				Examiner Name	Not yet assigned
Sheet	3	of	4	Attorney Docket Number	6583-481-CON

	56	WO 99/21308	04/29/1999	SONY ELECTRONICS, INC.		

NON-PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	57	International Search Report and Written Opinion for International (PCT) Patent Application No. PCT/US2013/055294, mailed Dec. 02, 2013 (Attorney's Ref. No. 6583-450-PCT) 10 pages
	58	International Preliminary Report on Patentability for International (PCT) Patent Application No. PCT/US2013/055294, mailed Feb. 26, 2015 (Attorney's Ref. No. 6583-450-PCT) 10 pages
	59	International Search Report and Written Opinion for International (PCT) Patent Application No. PCT/US2013/055296, mailed Nov. 29, 2013 (Attorney's Ref. No. 6583-451-PCT) 9 pages
	60	International Search Report and Written Opinion for International (PCT) Patent Application No. PCT/US13/55493, mailed Nov. 07, 2013 (Attorney's Ref. No. 6583-452-PCT) 9 pages
	61	International Preliminary Report on Patentability for International (PCT) Patent Application No. PCT/US13/55493, mailed Feb. 26, 2015 (Attorney's Ref. No. 6583-452-PCT) 8 pages
	62	International Search Report and Written Opinion for International (PCT) Patent Application No. PCT/US13/55509, mailed Nov. 08, 2013 (Attorney's Ref. No. 6583-481-PCT) 9 pages
	63	International Preliminary Report on Patentability for International (PCT) Patent Application No. PCT/US13/55509, mailed Feb. 26, 2015 (Attorney's Ref. No. 6583-481-PCT) 8 pages
	64	International Search Report and Written Opinion for International (PCT) Patent Application No. PCT/US2013/055303, mailed Dec. 05, 2013 (Attorney's Ref. No. 6583-488-PCT) 8 pages
	65	International Preliminary Report on Patentability for International (PCT) Patent Application No. PCT/US2013/055303, mailed Feb. 26, 2015 (Attorney's Ref. No. 6583-488-PCT) 7 pages
	66	International Search Report and Written Opinion for International (PCT) Patent Application No. PCT/US2013/055280, mailed Jan. 10, 2014 (Attorney's Ref. No. 6583-489-PCT) 10 pages
	67	Official Action for U.S. Patent Application No. 13/968,948 mailed May 6, 2014 (Attorney's Ref. No. 6583-450) 11 pages
	68	Official Action for U.S. Patent Application No. 13/968,948, mailed Nov. 24, 2014 (Attorney's Ref. No. 6583-450) 13 pages
	69	Official Action for U.S. Patent Application No. 13/968,948, mailed Mar. 11, 2015 (Attorney's Ref. No. 6583-450) 13 pages
	70	Official Action for U.S. Patent Application No. 13/968,929, mailed Apr. 29, 2015 (Attorney's Ref. No. 6583-451) 12 pages
	71	Official Action for U.S. Patent Application No. 13/969,588, mailed Nov. 10, 2014 (Attorney's Ref. No. 6583-452) 11 pages

Examiner Signature	/Kieu Oanh Bui/ (01/06/2016)	Date Considered	

*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.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KB/

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(Use as many sheets as necessary)*				Application Number	14/834,316
				Filing Date	August 24, 2015
				First Named Inventor	Mohammed Selim
				Art Unit	2425
				Examiner Name	Not yet assigned
Sheet	4	of	4	Attorney Docket Number	6583-481-CON

	72	Official Action for U.S. Patent Application No. 13/969,588, mailed Mar. 11, 2015 (Attorney's Ref. No. 6583-452) 12 pages
	73	Official Action for U.S. Patent Application No. 13/970,374, mailed Jun. 6, 2014 (Attorney's Ref. No. 6583-481) 7 pages
	74	Official Action for U.S. Patent Application No. 13/970,374, mailed Dec. 09, 2014 (Attorney's Ref. No. 6583-481) 9 pages
	75	Official Action for U.S. Patent Application No. 13/970,374, mailed May 22, 2015 (Attorney's Ref. No. 6583-481) 11 pages
	76	Official Action for U.S. Patent Application No. 13/968,897, mailed Aug. 15, 2014 (Attorney's Ref. No. 6583-489) 15 pages
	77	Official Action for U.S. Patent Application No. 13/968,897, mailed Jan. 28, 2015 (Attorney's Ref. No. 6583-489) 18 pages
	78	SOHAIL, "Smart TV-A Late Bloomer," Harwarezonw.com, Apr. 1, 2011, 2 pages
	79	International Preliminary Report on Patentability for International (PCT) Patent Application No. PCT/US2013/055296, mailed Feb. 26, 2015 (Attorney's Ref. No. 6583-451-PCT) 8 pages
	80	International Preliminary Report on Patentability for International (PCT) Patent Application No. PCT/US2013/055280, mailed Jun. 11, 2015 (Attorney's Ref. No. 6583-489-PCT) 9 pages
	81	Official Action for U.S. Patent Application No. 13/968,948, mailed Jul. 17, 2015 (Attorney's Ref. No. 6583-450) 13 pages
	82	Official Action for U.S. Patent Application No. 13/969,588, mailed Aug. 17, 2015 (Attorney's Ref. No. 6583-452) 13 pages
	83	Official Action for U.S. Patent Application No. 13/968,897, mailed May 08, 2015 (Attorney's Ref. No. 6583-489) 21 pages

Examiner Signature	/Kieu Oanh Bui/ (01/06/2016)	Date Considered	

*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.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /KB/

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14834316	SELIM ET AL.
	Examiner	Art Unit
	KIEU OANH T BUI	2425

✓	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	01/08/2016								
	1	-								
	2	-								
	3	-								
	4	-								
	5	-								
	6	-								
	7	-								
	8	-								
	9	-								
	10	-								
	11	-								
	12	-								
	13	-								
	14	-								
	15	-								
	16	-								
	17	-								
	18	-								
	19	-								
	20	-								
	21	-								
	22	-								
	23	✓								
	24	✓								
	25	✓								
	26	✓								
	27	✓								
	28	✓								
	29	✓								
	30	✓								
	31	✓								
	32	✓								
	33	✓								
	34	✓								
	35	✓								
	36	✓								

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14834316	SELIM ET AL.
	Examiner	Art Unit
	KIEU OANH T BUI	2425

✓	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	01/08/2016								
	37	✓								
	38	✓								
	39	✓								
	40	✓								
	41	✓								
	42	✓								
	43	✓								
	44	✓								

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	38774	"725"/$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:04
S2	74	S1 and (smartTV and internet)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:04
S3	62	S2 and ((view view$3) near2 panel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:05
S4	62	S3 and (TV television)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:05
S5	62	S4 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:05
S6	2	S5 and (different near3 panel near3 types)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:06
S7	538	smartTV "intelligent television" "intelligent TV"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:10
S8	85	S7 and ((view view$3) near2 panel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:11
S9	2	S8 and (different near3 panel near3 types)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:11
S10	84	S8 and (different near3 types)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:11
S11	73	S10 and (different near3 panels)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:11
S12	73	S11 and settings	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:12
S13	72	S12 and "panel type"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:13
S14	72	S13 and favorite	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:13
S15	72	S14 and "recently viewed"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:13
S16	46	S15 and indication	US-PGPUB; USPAT; EPO;	OR	ON	2014/05/31 19:29

			JPO			
S17	46	S16 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:30
S18	14	S17 and ("identified user" "registered user")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:32
S19	625001	TV television	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:36
S20	453	S19 and (different near3 panel near3 types)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:36
S21	106	S20 and "panel type"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:37
S22	7	S21 and favorite	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:37
S23	18	S1 and (different near3 panel near3 types)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:41
S24	3	S23 and favorite	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:41
S25	14846	S19 and (multiple near2 display)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:43
S26	272	S25 and "panel type"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:44
S27	83	S26 and favorite	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:44
S28	81	S27 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:44
S29	74	S28 and (different near3 panels)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:44
S30	48	S29 and indication	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:44
S31	48	S30 and settings	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/05/31 19:45
S32	41499	"725"/$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:43
S33	66	S32 and "global panel"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:44
S34	66	S33 and (TV and internet)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:44
S35	66	S34 and stream$3	US-PGPUB; USPAT; EPO;	OR	ON	2014/11/12 20:44

			JPO			
S36	66	S35 and (two mear5 "panel types")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:45
S37	7	S35 and (two near5 "panel types")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:45
S38	7	S37 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:45
S39	7	S38 and (selection indication)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:45
S40	7	S39 and user	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:46
S41	7	S40 and favorite	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:46
S42	140	"global panel"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:51
S43	8	S42 and (two near5 "panel types")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:52
S44	8	S43 and (TV and internet)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:52
S45	76	S42 and favorite	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:52
S46	76	S45 and (selection indication)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:53
S47	73	S46 and (TV television)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:53
S48	73	S47 and (content and memory)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:53
S49	73	S48 and display$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:53
S50	36	S49 and (settings near5 user)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:54
S51	17	S50 and "identified user"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/12 20:55
S52	41545	"725"/$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:29
S53	16153	S52 and (TV and internet)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:30
S54	528	S53 and "display panel"	US-PGPUB; USPAT; EPO;	OR	ON	2014/11/17 00:30

			JPO			
S55	505	S54 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:30
S56	126	S55 and indication	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:30
S57	123	S56 and memory	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:31
S58	24	S57 and "identified user"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:31
S59	18	S58 and favorite	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:31
S60	12	S59 and "recently viewed"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:31
S61	18	S59 and view$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:34
S62	12	S61 and "recently viewed"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:34
S63	12	S61 and "recently viewed"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:35
S64	15	S61 and recently	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:37
S65	16	S57 and GUI	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 00:53
S66	54	S54 and (display near8 internet near8 (TV channel))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 01:05
S67	50	S66 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 01:05
S68	49	S67 and memory	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 01:05
S69	11	S68 and indication	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 01:05
S70	0	S69 and "identified user"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 01:06
S71	11	S69 and user	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 01:06
S72	0	S71 and "recently viewed"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2014/11/17 01:06
S73	3	S71 and favorite	US-PGPUB; USPAT; EPO;	OR	ON	2014/11/17 01:06

			JPO			
S74	2653	display$3 near8 internet near8 (TV channel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:43
S75	0	S74 and (two near5 "intelligent television")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:44
S76	36	S74 and (two near5 internet near5 channels)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:44
S77	27	S76 and (IPG EPG "program guide")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:45
S78	27	S77 and source	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:45
S79	27	S78 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:45
S80	0	S74 and (two near5 "intelligent channels")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:48
S81	0	S74 and (plurality near5 "intelligent television")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:49
S82	655	S74 and (IPG EPG "program guide")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:49
S83	78	S82 and "different sources"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:49
S84	78	S83 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:50
S85	1	S84 and (smartTV "intelligent television" "intelligent TV")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:50
S86	1	S84 and (different near3 panel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:51
S88	2	S84 and "internet channel"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2015/05/17 22:51
S89	2861	display$3 near8 internet near8 (TV channel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:49
S90	714	S89 and (IPG EPG "program guide")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:49
S91	82	S90 and "different sources"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:49
S92	82	S91 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:49
S93	2	S92 and "internet channel"	US-PGPUB; USPAT; EPO;	OR	ON	2016/01/06 19:49

			JPO			
S94	45607	"725"/$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S95	18221	S94 and (TV and internet)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S96	650	S95 and "display panel"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S97	68	S96 and (display near8 internet near8 (TV channel))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S98	64	S97 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S99	63	S98 and memory	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S100	14	S99 and indication	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S101	14	S100 and user	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S102	3	S101 and favorite	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S103	45607	"725"/$.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S104	101	S103 and (smartTV and internet)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S105	73	S104 and ((view view$3) near2 panel)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S106	73	S105 and (TV television)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S107	73	S106 and content	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S108	2	S107 and (different near3 panel near3 types)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S109	14	S100 and user	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50
S110	3	S101 and favorite	US-PGPUB; USPAT; EPO; JPO	OR	ON	2016/01/06 19:50

1/ 11/ 2016 12:17:52 AM
C:\ Users\ kbui1\ Documents\ EAST\ Workspaces\ 14834316.wsp

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

BIB DATA SHEET

CONFIRMATION NO. 1082

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
14/834,316	08/24/2015 RULE	725	2425	6583-481-CON

APPLICANTS

Flextronics AP, LLC, San Jose, CA;

INVENTORS

Mohammed Selim, Oakville, CANADA;
Sanjiv Sirpal, Oakville, CANADA;
Fuqu Wu, Burlington, CANADA;
Salvador Soto, Toronto, CANADA;
Alexander de Paz, Burlington, CA;
Saulo Correia Dourado, Oakville, CA;
Karina A. Limongi, Oakville, CA;

**** CONTINUING DATA ***************************

This application is a CON of 13/970,374 08/19/2013
which claims benefit of 61/684,672 08/17/2012
and claims benefit of 61/702,650 09/18/2012
and claims benefit of 61/697,710 09/06/2012
and claims benefit of 61/700,182 09/12/2012
and claims benefit of 61/736,692 12/13/2012
and claims benefit of 61/798,821 03/15/2013
and claims benefit of 61/804,942 03/25/2013
and claims benefit of 61/804,998 03/25/2013
and claims benefit of 61/804,971 03/25/2013
and claims benefit of 61/804,990 03/25/2013
and claims benefit of 61/805,003 03/25/2013
and claims benefit of 61/805,053 03/25/2013
and claims benefit of 61/805,030 03/25/2013
and claims benefit of 61/805,027 03/25/2013
and claims benefit of 61/805,042 03/25/2013
and claims benefit of 61/805,038 03/25/2013

This application 14/834,316 08/24/2015
is a CON of 13/968,665 08/16/2013 PAT 9247174
which claims benefit of 61/684,672 08/17/2012
and claims benefit of 61/702,650 09/18/2012
and claims benefit of 61/697,710 09/06/2012
and claims benefit of 61/700,182 09/12/2012
and claims benefit of 61/736,692 12/13/2012
and claims benefit of 61/798,821 03/15/2013
and claims benefit of 61/804,942 03/25/2013
and claims benefit of 61/804,998 03/25/2013
and claims benefit of 61/804,971 03/25/2013
and claims benefit of 61/804,990 03/25/2013
and claims benefit of 61/805,003 03/25/2013
and claims benefit of 61/805,053 03/25/2013
and claims benefit of 61/805,030 03/25/2013
and claims benefit of 61/805,027 03/25/2013

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	14834316	SELIM ET AL.
	Examiner	Art Unit
	KIEU OANH T BUI	2425

CPC- SEARCHED		
Symbol	Date	Examiner

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner
H04N 21/478; 5/4403	05/15 & 01/6/16	KB

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
725	38, 46	05/15 & 1/6/16	KB

SEARCH NOTES		
Search Notes	Date	Examiner
CPC & EAST SEARCHED	05/15 & 1/6/16	KB

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	14/834,316
				Filing Date	August 24, 2015
				First Named Inventor	Mohammed Selim
(Use as many sheets as necessary)				Art Unit	2425
				Examiner Name	Not yet assigned
Sheet	1	of	4	Attorney Docket Number	6583-481-CON

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.[1]	Document Number Number-kind Code [2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	5539479	07/23/1996	Bertram	
	2	5933141	08/03/1999	Smith	
	3	6661468	12/09/2003	Alten et al.	
	4	6978473	12/20/2005	Nsonwu et al.	
	5	7152236	12/19/2006	Wugofski et al.	
	6	7487529	02/03/2009	Orlick	
	7	7493641	02/17/2009	Klosterman et al.	
	8	7685520	03/23/2010	Rashkovskiy et al.	
	9	7880077	02/01/2011	Pauws et al.	
	10	7900228	03/01/2011	Stark et al.	
	11	7908635	03/15/2011	Barton et al.	
	12	8166511	04/24/2012	Griggs	
	13	8220021	07/10/2012	Look et al.	
	14	8352983	01/08/2013	Chane et al.	
	15	2001/0056577	12/27/2001	Gordon et al.	
	16	2002/0026637	02/28/2002	Markel et al.	
	17	2002/0067376	06/06/2002	Martin et al.	
	18	2002/0188958	12/12/2002	Miller	
	19	2002/0188944	12/12/2002	Noble	
	20	2003/0070171	04/10/2003	Jeon et al.	
	21	2004/0216156	10/28/2004	Wagner	
	22	2005/0097622	05/05/2005	Zigmond et al.	
	23	2006/0117343	06/01/2006	Novak et al.	
	24	2007/0199022	08/23/2007	Moshiri et al.	
	25	2007/0261090	11/08/2007	Miller et al.	
	26	2008/0022309	01/24/2008	Begeja et al.	
	27	2008/0120635	05/22/2008	Trimper et al.	
	28	2008/0155613	06/26/2008	Benya et al.	
	29	2009/0158375	06/18/2009	Rodriguez et al.	
	30	2009/0160764	06/25/2009	Myllymäki	
	31	2009/0228919	09/10/2009	Zott et al.	
	32	2009/0271823	10/29/2009	Jung et al.	

Examiner Signature		Date Considered	

*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.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	14/834,316
				Filing Date	August 24, 2015
(Use as many sheets as necessary)				First Named Inventor	Mohammed Selim
				Art Unit	2425
				Examiner Name	Not yet assigned
Sheet	2	of	4	Attorney Docket Number	6583-481-CON

	33	2010/0013997	01/21/2010	Whang	
	34	2010/0037267	02/11/2010	Bennett	
	35	2011/0119626	05/19/2011	Faenger et al.	
	36	2011/0145860	06/16/2011	Wei	
	37	2011/0179453	07/21/2011	Poniatowski	
	38	2011/0289419	11/24/2011	Yu et al.	
	39	2012/0030317	02/02/2012	Smyth et al.	
	40	2012/0144416	06/07/2012	Wetzer et al.	
	41	2012/0144422	06/07/2012	Han et al.	
	42	2012/0200574	08/09/2012	Hill et al.	
	43	2012/0221972	08/30/2012	Dougall et al.	
	44	2012/0257108	10/11/2012	Friedlander et al.	
	45	2012/0260284	10/11/2012	Friedlander et al.	
	46	2014/0053198	02/20/2014	Sirpal et al.	
	47	2014/0059615	02/27/2014	Sirpal et al.	
	48	2014/0059635	02/27/2014	Sirpal et al.	
	49	2014/0068674	03/06/2014	Sirpal et al.	
	50	2014/0059605	02/27/2014	Sirpal et al.	
	51	2014/0059606	02/27/2014	Selim et al.	

UNPUBLISHED U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-kind Code[2] (if known)	Filing Date MM-DD-YYYY	Name of Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	52	14/822705	08/10/2015	Sirpal et al.	
	53	14/841199	08/31/2015	Sirpal et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]; Number[4]; Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
	54	EP 2328346	06/01/2011	UNITED VIDEO PROPERTIES, INC.		
	55	EP 2487922	08/15/2012	LG ELECTRONICS, INC.		

Examiner Signature		Date Considered	

*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.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	14/834,316
				Filing Date	August 24, 2015
				First Named Inventor	Mohammed Selim
(Use as many sheets as necessary)				Art Unit	2425
				Examiner Name	Not yet assigned
Sheet	3	of	4	Attorney Docket Number	6583-481-CON

	56	WO 99/21308	04/29/1999	SONY ELECTRONICS, INC.		

NON-PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	57	International Search Report and Written Opinion for International (PCT) Patent Application No. PCT/US2013/055294, mailed Dec. 02, 2013 (Attorney's Ref. No. 6583-450-PCT) 10 pages
	58	International Preliminary Report on Patentability for International (PCT) Patent Application No. PCT/US2013/055294, mailed Feb. 26, 2015 (Attorney's Ref. No. 6583-450-PCT) 10 pages
	59	International Search Report and Written Opinion for International (PCT) Patent Application No. PCT/US2013/055296, mailed Nov. 29, 2013 (Attorney's Ref. No. 6583-451-PCT) 9 pages
	60	International Search Report and Written Opinion for International (PCT) Patent Application No. PCT/US13/55493, mailed Nov. 07, 2013 (Attorney's Ref. No. 6583-452-PCT) 9 pages
	61	International Preliminary Report on Patentability for International (PCT) Patent Application No. PCT/US13/55493, mailed Feb. 26, 2015 (Attorney's Ref. No. 6583-452-PCT) 8 pages
	62	International Search Report and Written Opinion for International (PCT) Patent Application No. PCT/US13/55509, mailed Nov. 08, 2013 (Attorney's Ref. No. 6583-481-PCT) 9 pages
	63	International Preliminary Report on Patentability for International (PCT) Patent Application No. PCT/US13/55509, mailed Feb. 26, 2015 (Attorney's Ref. No. 6583-481-PCT) 8 pages
	64	International Search Report and Written Opinion for International (PCT) Patent Application No. PCT/US2013/055303, mailed Dec. 05, 2013 (Attorney's Ref. No. 6583-488-PCT) 8 pages
	65	International Preliminary Report on Patentability for International (PCT) Patent Application No. PCT/US2013/055303, mailed Feb. 26, 2015 (Attorney's Ref. No. 6583-488-PCT) 7 pages
	66	International Search Report and Written Opinion for International (PCT) Patent Application No. PCT/US2013/055280, mailed Jan. 10, 2014 (Attorney's Ref. No. 6583-489-PCT) 10 pages
	67	Official Action for U.S. Patent Application No. 13/968,948 mailed May 6, 2014 (Attorney's Ref. No. 6583-450) 11 pages
	68	Official Action for U.S. Patent Application No. 13/968,948, mailed Nov. 24, 2014 (Attorney's Ref. No. 6583-450) 13 pages
	69	Official Action for U.S. Patent Application No. 13/968,948, mailed Mar. 11, 2015 (Attorney's Ref. No. 6583-450) 13 pages
	70	Official Action for U.S. Patent Application No. 13/968,929, mailed Apr. 29, 2015 (Attorney's Ref. No. 6583-451) 12 pages
	71	Official Action for U.S. Patent Application No. 13/969,588, mailed Nov. 10, 2014 (Attorney's Ref. No. 6583-452) 11 pages

Examiner Signature		Date Considered	

*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.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	14/834,316
				Filing Date	August 24, 2015
				First Named Inventor	Mohammed Selim
(Use as many sheets as necessary)				Art Unit	2425
				Examiner Name	Not yet assigned
Sheet	4	of	4	Attorney Docket Number	6583-481-CON

	72	Official Action for U.S. Patent Application No. 13/969,588, mailed Mar. 11, 2015 (Attorney's Ref. No. 6583-452) 12 pages
	73	Official Action for U.S. Patent Application No. 13/970,374, mailed Jun. 6, 2014 (Attorney's Ref. No. 6583-481) 7 pages
	74	Official Action for U.S. Patent Application No. 13/970,374, mailed Dec. 09, 2014 (Attorney's Ref. No. 6583-481) 9 pages
	75	Official Action for U.S. Patent Application No. 13/970,374, mailed May 22, 2015 (Attorney's Ref. No. 6583-481) 11 pages
	76	Official Action for U.S. Patent Application No. 13/968,897, mailed Aug. 15, 2014 (Attorney's Ref. No. 6583-489) 15 pages
	77	Official Action for U.S. Patent Application No. 13/968,897, mailed Jan. 28, 2015 (Attorney's Ref. No. 6583-489) 18 pages
	78	SOHAIL, "Smart TV-A Late Bloomer," Harwarezonw.com, Apr. 1, 2011, 2 pages
	79	International Preliminary Report on Patentability for International (PCT) Patent Application No. PCT/US2013/055296, mailed Feb. 26, 2015 (Attorney's Ref. No. 6583-451-PCT) 8 pages
	80	International Preliminary Report on Patentability for International (PCT) Patent Application No. PCT/US2013/055280, mailed Jun. 11, 2015 (Attorney's Ref. No. 6583-489-PCT) 9 pages
	81	Official Action for U.S. Patent Application No. 13/968,948, mailed Jul. 17, 2015 (Attorney's Ref. No. 6583-450) 13 pages
	82	Official Action for U.S. Patent Application No. 13/969,588, mailed Aug. 17, 2015 (Attorney's Ref. No. 6583-452) 13 pages
	83	Official Action for U.S. Patent Application No. 13/968,897, mailed May 08, 2015 (Attorney's Ref. No. 6583-489) 21 pages

Examiner Signature		Date Considered	

*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.

PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

PCT

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

RECEIVED
MAR 31 2015
SHERIDAN ROSS P.C.
DOCKETING DEPT.

To:

LENNOX-GENTLE, Thaine
SHERIDAN ROSS P.C.
1560 Broadway
Suite 1200
Denver, CO 80202
ETATS-UNIS D'AMERIQUE

Date of mailing *(day/month/year)*
26 February 2015 (26.02.2015)

Applicant's or agent's file reference
6583-451-PCT

IMPORTANT NOTICE

International application No.	International filing date *(day/month/year)*	Priority date *(day/month/year)*
PCT/US2013/055296	16 August 2013 (16.08.2013)	17 August 2012 (17.08.2012)

Applicant
FLEXTRONICS AP, LLC

The International Bureau transmits herewith a copy of the international preliminary report on patentability (Chapter I of the Patent Cooperation Treaty).

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No. +41 22 338 82 70

Authorized officer
Kihwan Moon

e-mail: pt01.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 44*bis*)

Applicant's or agent's file reference 6583-451-PCT	FOR FURTHER ACTION	See item 4 below
International application No. PCT/US2013/055296	International filing date *(day/month/year)* 16 August 2013 (16.08.2013)	Priority date *(day/month/year)* 17 August 2012 (17.08.2012)
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237		
Applicant FLEXTRONICS AP, LLC		

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 *bis*.1(a).

2. This REPORT consists of a total of 7 sheets, including this cover sheet.

   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.

3. This report contains indications relating to the following items:

☒	Box No. I	Basis of the report
☐	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 Article 35(2) 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

4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44*bis*.3(c) and 93*bis*.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 44*bis* .2).

	Date of issuance of this report 17 February 2015 (17.02.2015)
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. +41 22 338 82 70	Authorized officer Kihwan Moon e-mail: pt01.pct@wipo.int

Form PCT/IB/373 (January 2004)

To: [illegible]
SHERIDAN ROSS P.C.
1560 BROADWAY
SUITE 1200
DENVER, CO 80202

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43*bis*.1)

Date of mailing *(day/month/year)*	29 NOV 2013
Applicant's or agent's file reference: 6583-451-PCT	FOR FURTHER ACTION: See paragraph 2 below

International application No.	International filing date *(day/month/year)*	Priority date *(day/month/year)*
PCT/US2013/055296	16 August 2013	17 August 2012

International Patent Classification (IPC) or both national classification and IPC
IPC(8) - H04N 5/445 (2013.01)
USPC - 725/39

Applicant FLEXTRONICS AP, LLC

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

- [X] 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
- [X] Box No. V Reasoned statement under Rule 43*bis*.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 66.1*bis*(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.

Name and mailing address of the ISA/US	Date of completion of this opinion	Authorized officer:
Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201	14 November 2013	Blaine R. Copenheaver PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774

Form PCT/ISA/237 (cover sheet) (July 2011)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2013/055296

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 sequence listing filed or furnished:

   a. (means)

      ☐ on paper

      ☐ in electronic form

   b. (time)

      ☐ in the international application as filed

      ☐ together with the international application in electronic form

      ☐ 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 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:

citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	None	YES
	Claims	1-20	NO
Inventive step (IS)	Claims	None	YES
	Claims	1-20	NO
Industrial applicability (IA)	Claims	1-20	YES
	Claims	None	NO

2. Citations and explanations:

Claims 1-20 lack novelty under PCT Article 33(2) as being anticipated by Martin et al. hereinafter referred to as Martin.
Regarding Claim 1, Martin discloses a method, comprising: presenting, via a display of an intelligent television (TV) (Para. [0005] regarding systems and methods described herein relate to a portal for simultaneously viewing video channels, launching interactive applications, and/or interfacing with locally or remotely stored content), live TV broadcast content (Fig. 7A regarding talkshow video 700; Para. [0068] regarding A given page may display a composite program consisting entirely of live video cells, a composite program containing some live video combined with locally displayed content), wherein the live TV broadcast content is presented to a first portion of the display (Fig. 7A regarding talkshow video 700 over the entire display); receiving an informational input at the intelligent TV (Para. [0122] regarding When an entry is selected using "OK" key 330 on remote control 230, a new overlay 712 is displayed); determining, by a processor associated with the intelligent TV and in response to receiving the informational input, live TV informational content that corresponds to at least one of the presented live TV broadcast content and the informational input received (Para. [0122] regarding When an entry is selected using "OK" key 330 on remote control 230, a new overlay 712 is displayed with details on the selected subject); retrieving, from at least one source, the live TV informational content (Para. [0035] regarding multiplexer 1040 handles audio and video data received from a number of parallel sources and interacts with transmitter 1080 to broadcast the information along a number of channels. In addition to audio and video data, messages, applications); and presenting, via the display, the live TV informational content to a second portion of the display (Fig. 7A regarding info content 704, 706, 708 within semitransparent bar 702; Fig. 7B regarding info cell 710, overlay 712), wherein the second portion of the display is associated with a live TV application panel (Para. [0122] regarding When an entry is selected using "OK" key 330 on remote control 230, a new overlay 712 is displayed with details on the selected subject), and wherein the live TV application panel overlaps at least a portion of the presented live TV broadcast content (Para. [0122] regarding a semi-transparent bar 702 across the bottom of the screen that includes an information icon... the text may be in a semi-transparent background overlaid in the upper left corner of screen 700).

Regarding Claim 2, Martin discloses the method of claim 1, and further discloses wherein determining the live TV informational content further comprises: referring to rules stored in a memory (Para. [0049] regarding STB 1140 includes a central processor 220 including associated memory elements and adapted to receive input data from...remote; Para. [0051] regarding The memory of STB 1140 may include EEPROM, host RAM, flash memory for software and data), wherein the rules include one or more informational content fields mapped to at least one live TV broadcast content type (Para. [0051] regarding The memory of STB 1140 may include EEPROM, host RAM, flash memory for software and data; Para. [0052] regarding Graphics processor 252 is preferably designed to generate a screen display combining moving images together with overlaid text or other images. More specifically, graphics processor 252 can combine four layers; Para. [0122] regarding a new overlay 712 is displayed with details on the selected subject); comparing a live TV broadcast content type associated with the presented live TV broadcast content with the one or more mapped informational content fields (Para. [0052] regarding central processor 220 and combines this information with information received from video decoder 248 to generate the screen display; Para. [0122] regarding a new overlay 712 is displayed with details on the selected subject); determining select informational content fields from the one or more mapped informational content fields (Para. [0122] regarding a new overlay 712 is displayed with details on the selected subject), wherein the select informational content fields are associated with the live TV broadcast content type associated with the presented live TV broadcast content (Para. [0122] regarding If the highlights icon 706 is selected, a composite video is shown with the talk show video in a window 730 positioned at the upper right corner of the screen and a highlight clip looping in a main window 732); and including the select informational content fields in the live TV informational content for retrieval (Para. [0122] regarding each entry in the information cell 710 can be highlighted using directional keys on remote control 230. When an entry is selected using "OK" key 330 on remote control 230, a new overlay 712 is displayed).

Regarding Claim 3, Martin discloses the method of claim 1, and further discloses wherein the live TV informational content is retrieved from two or more signal sources (Para. [0035] regarding multiplexer 1040 handles audio and video data received from a number of parallel sources and interacts with transmitter 1080 to broadcast the information along a number of channels. In addition to audio and video data, messages, applications (software programs), CD-quality audio data or any other type of digital data may be introduced into some or all of these channels intermixed).

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2013/055296

Supplemental Box

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

Regarding Claim 4, Martin discloses the method of claim 1, and further discloses wherein the at least one source is at least one of a local memory, a remote memory, a broadcast signal, and a memory located across a network (Para. [0035] regarding multiplexer 1040 handles audio and video data received from a number of parallel sources and interacts with transmitter 1080 to broadcast the information along a number of channels. In addition to audio and video data, messages, applications (software programs), CD-quality audio data or any other type of digital data may be introduced into some or all of these channels intermixed; Para. [0050] regarding STB 1140 also includes a tuner 242 and demodulator 244).

Regarding Claim 5, Martin discloses the method of claim 1, and further discloses wherein at least one of the live TV informational content and the live TV application panel is at least partially transparent, and wherein the presented live TV broadcast content is visible beneath the presented live TV informational content (Para. [0122] regarding a semi-transparent bar 702 across the bottom of the screen that includes an information icon 704... the text may be in a semi-transparent background overlaid in the upper left corner of screen 700).

Regarding Claim 6, Martin discloses the method of claim 1, and further discloses wherein a size of the first portion is maintained upon presenting the live TV informational content via the second portion of the display (Fig. 7A to Fig. 7B, wherein talkshow video 700 remains the same size while info 704, 706, 708, window 710, overlay 712 are displayed).

Regarding Claim 7, Martin discloses the method of claim 1, and further discloses wherein the informational input is provided via an input device associated with the intelligent TV (Para. [0122] regarding When an entry is selected using "OK" key 330 on remote control 230, a new overlay 712 is displayed).

Regarding Claim 8, Martin discloses the method of claim 1, and further discloses wherein the presented live TV broadcast content includes at least one of a movie, a TV program, a sport event, a TV special, and a radio program (Fig. 7A regarding talkshow video 700).

Regarding Claim 9, Martin discloses the method of claim 8, and further discloses wherein the presented live TV informational content includes at least one of a program description, a channel identifier, a thumbnail graphic, an electronic program guide (EPG), and preference information (Para. [0122] regarding When an entry is selected using "OK" key 330 on remote control 230, a new overlay 712 is displayed with details on the selected subject; Para. [0055] regarding program guide applications).

Regarding Claim 10, Martin discloses a tangible, non-transitory computer readable medium having instructions stored thereon that, when executed by a processor (Para. [0051] regarding The memory of STB 1140 may include EEPROM, host RAM, flash memory for software and data), perform the method comprising: presenting, via a display of an intelligent television (TV) (Para. [0005] regarding systems and methods described herein relate to a portal for simultaneously viewing video channels, launching interactive applications, and/or interfacing with locally or remotely stored content), live TV broadcast content (Fig. 7A regarding talkshow video 700; Para. [0088] regarding A given page may display a composite program consisting entirely of live video cells, a composite program containing some live video combined with locally displayed content), wherein the live TV broadcast content is presented to a first portion of the display (Fig. 7A regarding talkshow video 700 over the entire display); receiving an informational input at the intelligent TV (Para. [0122] regarding When an entry is selected using "OK" key 330 on remote control 230, a new overlay 712 is displayed); determining, by a processor associated with the intelligent TV and in response to receiving the informational input, live TV informational content that corresponds to at least one of the presented live TV broadcast content and the informational input received (Para. [0122] regarding When an entry is selected using "OK" key 330 on remote control 230, a new overlay 712 is displayed with details on the selected subject); retrieving, from at least one source, the live TV informational content (Para. [0035] regarding multiplexer 1040 handles audio and video data received from a number of parallel sources and interacts with transmitter 1080 to broadcast the information along a number of channels. In addition to audio and video data, messages, applications); and presenting, via the display, the live TV informational content to a second portion of the display (Fig. 7A regarding info content 704, 706, 708 within semitransparent bar 702; Fig. 7B regarding info cell 710, overlay 712), wherein the second portion of the display is associated with a live TV application panel (Para. [0122] regarding When an entry is selected using "OK" key 330 on remote control 230, a new overlay 712 is displayed with details on the selected subject), and wherein the live TV application panel overlaps at least a portion of the presented live TV broadcast content (Para. [0122] regarding a semi-transparent bar 702 across the bottom of the screen that includes an information icon... the text may be in a semi-transparent background overlaid in the upper left corner of screen 700).

Regarding Claim 11, Martin discloses a tangible, non-transitory computer readable medium of claim 10, wherein determining the live TV informational content of the method further comprises: referring to rules stored in a memory (Para. [0049] regarding STB 1140 includes a central processor 220 including associated memory elements and adapted to receive input data from...remote; Para. [0051] regarding The memory of STB 1140 may include EEPROM, host RAM, flash memory for software and data), wherein the rules include one or more informational content fields mapped to at least one live TV broadcast content type (Para. [0051] regarding The memory of STB 1140 may include EEPROM, host RAM, flash memory for software and data; Para. [0052] regarding Graphics processor 252 is preferably designed to generate a screen display combining moving images together with overlaid text or other images. More specifically, graphics processor 252 can combine four layers; Para. [0122] regarding a new overlay 712 is displayed with details on the selected subject); comparing a live TV broadcast content type associated with the presented live TV broadcast content with the one or more mapped informational content fields (Para. [0052] regarding central processor 220 and combines this information with information received from video decoder 248 to generate the screen display; Para. [0122] regarding a new overlay 712 is displayed with details on the selected subject); determining select informational content fields from the one or more mapped informational content fields (Para. [0122] regarding a new overlay 712 is displayed with details on the selected subject), wherein the select informational content fields are associated with the live TV broadcast content type associated with the presented live TV broadcast content (Para. [0122] regarding If the highlights icon 706 is selected, a composite video is shown with the talk show video in a window 730 positioned at the upper right corner of the screen and a highlight clip looping in a main window 732); and including the select informational content fields in the live TV informational content for retrieval (Para. [0122] regarding each entry in the information cell 710 can be highlighted using directional keys on remote control 230. When an entry is selected using "OK" key 330 on remote control 230, a new overlay 712 is displayed).

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

Continuation of:

Regarding Claim 12, Martin discloses the tangible, non-transitory computer readable medium of claim 10, and further discloses wherein the live TV informational content is retrieved from two or more signal sources (Para. [0035] regarding multiplexer 1040 handles audio and video data received from a number of parallel sources and interacts with transmitter 1080 to broadcast the information along a number of channels. In addition to audio and video data, messages, applications (software programs), CD-quality audio data or any other type of digital data may be introduced into some or all of these channels intermixed).

Regarding Claim 13, Martin discloses the tangible, non-transitory computer readable medium of claim 10, and further discloses wherein the at least one source is at least one of a local memory, a remote memory, a broadcast signal, and a memory located across a network (Para. [0035] regarding multiplexer 1040 handles audio and video data received from a number of parallel sources and interacts with transmitter 1080 to broadcast the information along a number of channels. In addition to audio and video data, messages, applications (software programs), CD-quality audio data or any other type of digital data may be introduced into some or all of these channels intermixed; Para. [0050] regarding STB 1140 also includes a tuner 242 and demodulator 244).

Regarding Claim 14, Martin discloses the tangible, non-transitory computer readable medium of claim 10, and further discloses wherein at least one of the live TV informational content and the live TV application panel is at least partially transparent, and wherein the presented live TV broadcast content is visible beneath the presented live TV informational content (Para. [0122] regarding a semi-transparent bar 702 across the bottom of the screen that includes an information icon 704... the text may be in a semi-transparent background overlaid in the upper left corner of screen 700).

Regarding Claim 15, Martin discloses the tangible, non-transitory computer readable medium of claim 10, and further discloses wherein a size of the first portion is maintained upon presenting the live TV informational content via the second portion of the display (Fig. 7A to Fig. 7B, wherein talkshow video 700 remains the same size while info 704, 706, 708, window 710, overlay 712 are displayed).

Regarding Claim 16, Martin discloses the tangible, non-transitory computer readable medium of claim 10, and further discloses wherein the informational input is provided via an input device associated with the intelligent TV (Para. [0122] regarding When an entry is selected using "OK" key 330 on remote control 230, a new overlay 712 is displayed).

Regarding Claim 17, Martin discloses the tangible, non-transitory computer readable medium of claim 10, and further discloses wherein the presented live TV broadcast content includes at least one of a movie, a TV program, a sport event, a TV special, and a radio program (Fig. 7A regarding talkshow video 700).

Regarding Claim 18, Martin discloses the tangible, non-transitory computer readable medium of claim 17, and further discloses wherein the presented live TV informational content includes at least one of a program description, a channel identifier, a thumbnail graphic, an electronic program guide (EPG), and preference information (Para. [0122] regarding When an entry is selected using "OK" key 330 on remote control 230, a new overlay 712 is displayed with details on the selected subject; Para. [0055] regarding program guide applications).

Regarding Claim 19, Martin discloses a system, comprising: an intelligent television (TV) having a display (Para. [0005] regarding systems and methods described herein relate to a portal for simultaneously viewing video channels, launching interactive applications, and/or interfacing with locally or remotely stored content) and a tuner (Para. [0050] regarding STB 1140 also includes a tuner 24), wherein the tuner is configured to receive and convert broadcast content signals to be displayed by the display (Para. [0050] regarding STB 1140 also includes a tuner 242 and demodulator 244 (e.g., a 256 QAM demodulator) to receive and demodulate the received transmissions which are then filtered and demultiplexed by unit 240); an input device associated with the intelligent TV (Para. [0122] regarding When an entry is selected using "OK" key 330 on remote control 230, a new overlay 712 is displayed); a memory (Para. [0049] regarding STB 1140 includes a central processor 220 including associated memory elements); and a microprocessor (Para. [0049] regarding STB 1140 includes a central processor 220 including associated memory elements and adapted to receive input data from...remote) operable to: present, via the display, live TV broadcast content (Para. [0117] regarding a live event broadcast on at least one channel into the data stream of at least one other channel), wherein the live TV broadcast content is presented to a first portion of the display (Fig. 7A regarding talkshow video 700); receive an informational input at the intelligent TV (Para. [0122] regarding When an entry is selected using "OK" key 330 on remote control 230, a new overlay 712 is displayed); determine, in response to receiving the informational input, live TV informational content that corresponds to at least one of the presented live TV broadcast content and the informational input received (Para. [0122] regarding When an entry is selected using "OK" key 330 on remote control 230, a new overlay 712 is displayed with details on the selected subject); retrieve, from at least one source, the live TV informational content (Para. [0035] regarding multiplexer 1040 handles audio and video data received from a number of parallel sources and interacts with transmitter 1080 to broadcast the information along a number of channels. In addition to audio and video data, messages, applications); and present, via the display, the live TV informational content to a second portion of the display (Fig. 7A regarding info content 704, 706, 708 within semitransparent bar 702; Fig. 7B regarding info cell 710, overlay 712), wherein the second portion of the display is associated with a live TV application panel (Para. [0122] regarding When an entry is selected using "OK" key 330 on remote control 230, a new overlay 712 is displayed with details on the selected subject), and wherein the live TV application panel overlaps at least a portion of the presented live TV broadcast content (Para. [0122] regarding a semi-transparent bar 702 across the bottom of the screen that includes an information icon... the text may be in a semi-transparent background overlaid in the upper left corner of screen 700).

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2013/065296

Supplemental Box

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

Regarding Claim 20, Martin discloses the system of claim 19, and further discloses wherein determining the live TV informational content further comprises: referring to rules stored in the memory (Para. [0049] regarding STB 1140 includes a central processor 220 including associated memory elements and adapted to receive input data from...remote; Para. [0051] regarding The memory of STB 1140 may include EEPROM, host RAM, flash memory for software and data), wherein the rules include one or more informational content fields mapped to at least one live TV broadcast content type (Para. [0051] regarding The memory of STB 1140 may include EEPROM, host RAM, flash memory for software and data; Para. [0052] regarding Graphics processor 252 is preferably designed to generate a screen display combining moving images together with overlaid text or other images. More specifically, graphics processor 252 can combine four layers; Para. [0122] regarding a new overlay 712 is displayed with details on the selected subject); comparing a live TV broadcast content type associated with the presented live TV broadcast content with the one or more mapped informational content fields (Para. [0052] regarding central processor 220 and combines this information with information received from video decoder 248 to generate the screen display; Para. [0122] regarding a new overlay 712 is displayed with details on the selected subject); determining select informational content fields from the one or more mapped informational content fields (Para. [0122] regarding a new overlay 712 is displayed with details on the selected subject), wherein the select informational content fields are associated with the live TV broadcast content type associated with the presented live TV broadcast content (Para. [0122] regarding If the highlights icon 706 is selected, a composite video is shown with the talk show video in a window 730 positioned at the upper right corner of the screen and a highlight clip looping in a main window 732); and including the select informational content fields in the live TV informational content for retrieval (Para. [0122] regarding each entry in the information cell 710 can be highlighted using directional keys on remote control 230. When an entry is selected using "OK" key 330 on remote control 230, a new overlay 712 is displayed).

Claims 1-20 meet the criteria set out in PCT Article 33(4), and thus industrial applicability has been met because the subject matter claimed can be made or used in industry.

From the INTERNATIONAL BUREAU

PCT

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

To:

RECEIVED
JUN 29 2015
SHERIDAN ROSS P.C.
DOCKETING DEPT.

REINHARDT, Dean, N.
Sheridan Ross P.C.
1560 Broadway
Suite 1200
Denver, CO 80202
ETATS-UNIS D'AMERIQUE

Date of mailing *(day/month/year)*	
11 June 2015 (11.06.2015)	
Applicant's or agent's file reference: 6583-489-PCT	IMPORTANT NOTICE

International application No.	International filing date *(day/month/year)*	Priority date *(day/month/year)*
PCT/US2013/055280	16 August 2013 (16.08.2013)	17 August 2012 (17.08.2012)

Applicant: FLEXTRONICS AP, LLC

The International Bureau transmits herewith a copy of the international preliminary report on patentability (Chapter I of the Patent Cooperation Treaty)

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No. +41 22 338 82 70

Authorized officer: Philippe Bécamel

e-mail: pt03.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 44*bis*)

Applicant's or agent's file reference 6583-489-PCT	**FOR FURTHER ACTION**	See item 4 below
International application No. PCT/US2013/055280	International filing date *(day/month/year)* 16 August 2013 (16.08.2013)	Priority date *(day/month/year)* 17 August 2012 (17.08.2012)
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237		
Applicant FLEXTRONICS AP, LLC		

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 *bis*.1(a).

2. This REPORT consists of a total of 8 sheets, including this cover sheet.

   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.

3. This report contains indications relating to the following items:

☒	Box No. I	Basis of the report
☐	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 Article 35(2) 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

4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44*bis*.3(c) and 93*bis*.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 44*bis* .2).

	Date of issuance of this report 02 June 2015 (02.06.2015)
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. +41 22 338 82 70	Authorized officer Philippe Bécamel e-mail: pt03.pct@wipo.int

Form PCT/IB/373 (January 2004)

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To: DEAN N. REINHARDT
SHERIDAN ROSS P.C.
1560 BROADWAY
SUITE 1200
DENVER, CO 80202

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43*bis*.1)

Date of mailing *(day/month/year)*	10 JAN 2014
Applicant's or agent's file reference 6583-489-PCT	**FOR FURTHER ACTION** See paragraph 2 below

International application No.	International filing date *(day/month/year)*	Priority date *(day/month/year)*
PCT/US2013/055280	16 August 2013	17 August 2012

International Patent Classification (IPC) or both national classification and IPC
IPC(8) - H04N 7/173 (2013.01)
USPC - 725/27

Applicant FLEXTRONICS AP, LLC

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

- [X] 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
- [X] Box No. V Reasoned statement under Rule 43*bis*.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 66.1*bis*(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.

Name and mailing address of the ISA/US	Date of completion of this opinion	Authorized officer:
Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201	25 December 2013	Blaine R. Copenheaver PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774

Form PCT/ISA/237 (cover sheet) (July 2011)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2013/055280

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 sequence listing filed or furnished:

   a. (means)

      ☐ on paper

      ☐ in electronic form

   b. (time)

      ☐ in the international application as filed

      ☐ together with the international application in electronic form

      ☐ 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 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/US2013/055280

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

1. Statement

Novelty (N)	Claims	8	YES
	Claims	1-7, 9-20	NO
Inventive step (IS)	Claims	None	YES
	Claims	1-20	NO
Industrial applicability (IA)	Claims	1-20	YES
	Claims	None	NO

2. Citations and explanations:

Claims 1-7, 9-20 lack novelty under PCT Article 33(2) as being anticipated by Yu et al., hereinafter referred to as Yu.

Regarding claims 1, 17, Yu discloses a non-transitory computer readable storage medium having stored thereon instructions that cause a processor to execute [claim 1] (a computer implemented system and method for using a processor to execute a browser engine and a machine or computer instructions used to cause a processor which is programmed with the instructions to perform various steps, abstract, para 0235, 0229) a method of displaying a media center panel on a television display, the method comprising the steps of [claim 1] (figs.1 & 2 shows a user platform 140 for receiving content information, and the user platform comprises a television (TV) 142, a personal computer 142, para 0056; fig.17 shows a user platform which displays a content browsing and selection user interface which includes a root page 1900 which shows a command option area 1710 wherein a user selects a TV command option 1713 which enables the user to view a television content portal 2000 [displaying a media center panel] displayed in fig.20, para 0115, 0121) a method for organizing media item metadata on a television, the method comprising [claim 17] (figs.1 & 2 shows a user platform 140 for receiving content information, and the user platform comprises a television (TV) 142, a personal computer 142, para 0056; fig.17 shows a user platform which displays a content browsing and selection user interface which includes a root page 1900 which shows a command option area 1710 wherein a user selects a TV command option 1713 which enables the user to view a television content portal 2000 which includes media contents [organizing media item metadata] displayed in the content area 2020 in fig.20, para 0115, 0121);receiving a request to activate the media center panel (the user selects the command option 1713 on the command option area 1710, and in response to the user selecting the TV command option 1713 [receiving a request to activate] from the root page 1900 the system displays a TV portal 2000 [activate the media center panel] shown in the fig.20, para 0121, 0122); determining a type of media center panel requested (the user selects the command option 1713 on the command option area 1710, and in response to the user selecting the TV command option 1713 [receiving a request to activate] from the root page 1900 the system displays a TV portal 2000 [determining a type of media center panel] shown in the fig.20, para 0121, 0122; fig. 26 shows the user selects a movies option on the command option area 1710 and upon the selection the system displays 2700 [determining a type of media center panel] with a list of movies in fig.27 [based on the type of option selected by the user in the command option area a corresponding display panel is displayed interpreted as determining a type of media center panel requested], para 0130, 0131); retrieving, from memory, metadata based on the type of media center panel requested (fig.20 shows once the TV portal 2000 is selected by the user [based on the type of media center panel] the service provider 110 accesses a content catalog or content database 112 to obtain a listing of collections of content, content information and metadata associated [retrieving, from memory, metadata] with the television content for selection from the TV portal 2000, the contents displayed includes an image, textual description of the TV content item displayed in the content item area 2020, para 0084, 0121, 0122); and displaying on the television display the retrieved metadata in the media center panel (fig.20 shows once the TV portal 2000 is selected by the user the service provider 110 accesses a content catalog or content database 112 to obtain a listing of collections of content, content information and metadata associated with the television content for selection from the TV portal 2000, the contents displayed includes an image, textual description of the TV content item such as "Lost" is displayed in the content item area 2020 [displaying on the television display retrieved metadata] and can be selected by using a selection box 2022, para 0084, 0121, 0122).

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2013/055280

Supplemental Box

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

Regarding claim 12, A television system, comprising: a display; a memory; a processor in communication with the memory and the display (a computer implemented system and method for using a processor to execute a browser engine and a machine or computer instructions used to cause a processor which is programmed with the instructions to perform various steps, abstract, para 0235, 0229; figs.1 & 2 shows a user platform 140 for receiving content information, and the user platform comprises a television (TV) 142, a personal computer 142, para 0056; fig.17 shows a user platform which displays a content browsing and selection user interface which includes a root page 1900 which shows a command option area 1710 wherein a user selects a TV command option 1713, para 0121), the processor operable to: to: receive a request to activate a media center panel (the user selects the command option 1713 on the command option area 1710, and in response to the user selecting the TV command option 1713 [receiving a request to activate] from the root page 1900 the system displays a TV portal 2000 [activate the media center panel] shown in the fig.20, para 0121, 0122); determine the type of media center panel requested (the user selects the command option 1713 on the command option area 1710, and in response to the user selecting the TV command option 1713 [receiving a request to activate] from the root page 1900 the system displays a TV portal 2000 [determining a type of media center panel] shown in the fig.20, para 0121, 0122; fig. 26 shows the user selects a movies option on the command option area 1710 and upon the selection the system displays 2700 [determining a type of media center panel] with a list of movies in fig.27 [based on the type of option selected by the user in the command option area a corresponding display panel is displayed interpreted as determining a type of media center panel requested], para 0130, 0131); retrieve, from memory, metadata based on the type of media center panel requested (fig.20 shows once the TV portal 2000 is selected by the user [based on the type of media center panel] the service provider 110 accesses a content catalog or content database 112 to obtain a listing of collections of content, content information and metadata associated [retrieving, from memory, metadata] with the television content for selection from the TV portal 2000, the contents displayed includes an image, textual description of the TV content item displayed in the content item area 2020, para 0084); and display, on the television display, the retrieved metadata in the media center panel, wherein the metadata comprises at least one of a thumbnail, a title, a description, a rating, and a run time (fig.20 shows once the TV portal 2000 is selected by the user the service provider 110 accesses a content catalog or content database 112 to obtain a listing of collections of content, content information and metadata associated with the television content for selection from the TV portal 2000, the contents displayed includes an image, textual description of the TV content item such as "Lost" [a thumbnail, a title] is displayed in the content item area 2020 [displaying on the television display retrieved metadata] and can be selected by using a selection box 2022, para 0084).

Regarding claim 2, Yu further teaches wherein the type of media center panel comprises at least one of: an information panel; a favorite panel; a last viewed panel; a most viewed panel; a search panel; and a new panel (figs.33-35 shows a root page 3300 wherein a user highlights a command option 1715 "Search" command option area 1710 of the root page 3300 [a search panel], and the search command enables the user to search particular content items by using a user generated search query, and fig.35 shows a search result 3521, para 0139, 0140).

Regarding claim 3, Yu further teaches wherein the metadata comprises at least one of: a thumbnail; a title; a description; a rating; and a run time (fig.20 shows once the TV portal 2000 is selected by the user the service provider 110 accesses a content catalog or content database 112 to obtain a listing of collections of content, content information and metadata associated with the television content for selection from the TV portal 2000, the contents displayed includes an image r textual description of the TV content item such as "Lost" [a thumbnail, a title] is displayed in the content item area 2020 [displaying on the television display retrieved metadata] and can be selected by using a selection box 2022, para 0084).

Regarding claim 4, 13, Yu further teaches further comprising: receiving a selection of a media item from one or more media items displayed in the media center panel (fig.20 shows once the TV portal 2000 is selected by the user, media contents are displayed which includes an image, textual description of the TV content item such as "Lost" is displayed in the content item area 2020 which is selected by using a selection box 2022, upon the selection the user is presented with a panel 2100 [receiving a selection of a media item], which provides a user selectable buttons 2124, 2122 and the button 2122 enables the user to watch the selected content item, para 0121, 0124); and presenting content associated with the selected media item (fig.20 shows once the TV portal 2000 is selected by the user, media contents are displayed which includes an image, textual description of the TV content item such as "Lost" is displayed in the content item area 2020 which is selected by using a selection box 2022 [presenting content associated with the selected media], upon the selection the user is presented with a panel 2100, which provides a user selectable buttons 2124, 2122 and the button 2122 enables the user to watch the selected content item, para 0121, 0124).

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2013/055280

Supplemental Box

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

Regarding claim 5, Yu further teaches comprising: receiving a request to activate a second media center panel (fig.20 shows once the TV portal 2000 is selected by the user, media contents are displayed which includes an image, textual description of the TV content item such as "Lost" is displayed in the content item area 2020 which is selected by using a selection box 2022 [receiving a request to activate a second media center panel], upon the selection the user is presented with a panel 2100, which provides a user selectable buttons 2124, 2122 and the button 2122 enables the user to watch the selected content item, para 0121, 0124); determining the type of media center panel requested (fig.20 shows once the TV portal 2000 is selected by the user, media contents are displayed which includes an image, textual description of the TV content item such as "Lost" is displayed in the content item area 2020 which is selected by using a selection box 2022, upon the selection the user is presented with a panel 2100, which provides a user selectable buttons 2124, 2122associated with the selected media content [determining the type of media center panel] and the button 2122 enables the user to watch the selected content item, para 0121, 0124); retrieving, from memory, metadata based on the type of the second media center panel (fig.20 shows once the TV portal 2000 is selected by the user [based on the type of media center panel] the service provider 110 accesses a content catalog or content database 112 to obtain a listing of collections of content, content information and metadata associated [retrieving, from memory, metadata] with the television content for selection from the TV portal 2000, para 0084; fig.20 shows the content item area 2020 which is selected by using a selection box 2022, upon the selection the user is presented with a panel 2100, which provides a user selectable buttons 2124, 2122 associated with the selected media content [second media center panel] and the button 2122 enables the user to watch the selected content item, para 0121, 0124); and displaying on the television display the retrieved metadata in the second media center panel (fig.20 shows the content item area 2020 which is selected by using a selection box 2022, upon the selection the user is presented with a panel 2100 [second media center panel], which provides a user selectable buttons 2124, 2122 associated with the selected media content [displaying on the television display in the second media center panel] and the button 2122 enables the user to watch the selected content item, para 0121, 0124).

Regarding claims 6, 16, Yu further teaches comprising: receiving a selection of a media item from one or more media items displayed in the second media center panel (fig.20 shows once the TV portal 2000 is selected by the user, content item such as "Lost" is displayed in the content item area 2020 which is selected by using a selection box 2022, upon the selection the user is presented with a panel 2100 [second media center panel], which provides a user selectable buttons 2124, 2122 associated with the selected media content and the button 2122 enables the user to watch [receiving a selection of a media item], listen or consume the selected content item, para 0121, 0124); and presenting content associated with the selected media item (upon the selection the user is presented with a panel 2100, which provides a user selectable buttons 2124, 2122 associated with the selected media content and the button 2122 enables the user to watch [enable the user to watch the content is interpreted as receiving a selection of a media item to present content associated], listen or consume the selected content item, para 0121, 0124).

Regarding claims 7, 14, Yu further teaches wherein the media center panel includes a list of one or more related media items (fig.23 shows a user interface panel 2300 which includes detailed information area 2320 related to the actor selected, the area 2320 includes content items/movies related [list of one or more related media items] to the actor selected, para 0126).

Regarding claim 9, Yu further teaches including retrieving, from a data subservice, metadata based on the type of media center panel requested (fig 20 shows once the TV portal 2000 is selected by the user [based on the type of media center panel] the service provider 110 accesses a content catalog or content database 112 to obtain a listing of collections of content, content information and metadata associated [retrieving, from data subservice metadata] with the television content for selection from the TV portal 2000, the contents displayed includes an image, textual description of the TV content item displayed in the content item area 2020, para 0084, 0121, 0122).

Regarding claim 10, Yu further teaches comprising after receiving the request to activate the media center panel: identifying a user associated with the request (the users can log into the accounts maintained by the system 200, a user profile/ user identifier associated with the user to include user behavior information corresponding to a content information accessed by the user is stored in database 112, fig 20 shows a "For You" command option that displays a list of TV content items in the content item area 2020 that are likely of interest to a particular user based his profile [identifying a user associated with the request], para 0076, 0080, 0122); and retrieving metadata associated with the identified user from memory for display by the media center panel (fig.20 shows a "For You" command option that displays a list of TV content items [retrieving metadata associated] displayed in the content item area 2020 [display by the media center panel] that are likely of interest to a particular user/viewer based on a previously generated user profile and based on a historical pattern of previously viewed contents stored in a database 112, para 0080, 0122).

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2013/055280

Supplemental Box

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

Regarding claim 11, Yu further teaches further comprising after receiving the request: determining whether the request is a first request to activate a media center panel from a current user interface (the user selects the command option 1713 on the command option area 1710, and in response to the user selecting the TV command option 1713 [receiving a request to activate] from the root page 1900 the system displays a TV portal 2000 [activate the media center panel] shown in the fig.20, once the TV portal 2000 is selected by the user, the service provider 110 accesses a content catalog or database 112 to obtain a listing of the collections of contents [after receiving the request determining a first request to activate a media center panel], content information associated with the television content and if the content items are not available in the content database 112 then pre-defined links are used to obtain the content items, para 0122) or if the request is not the first request to activate the media center panel from the current user interface; if the request is a first request: determining the type of media center panel requested (the user selects the command option 1713 on the command option area 1710, and in response to the user selecting the TV command option 1713 [receiving a request to activate] from the root page 1900 the system displays a TV portal 2000 [determining a type of media center panel] shown in the fig.20, para 0121, 0122; fig. 26 shows the user selects a movies option on the command option area 1710 and upon the selection the system displays 2700 [determining a type of media center panel] with a list of movies in fig.27 [based on the type of option selected by the user in the command option area a corresponding display panel is displayed interpreted as determining a type of media center panel requested], para 0130, 0131); retrieving, from memory, metadata based on the type of media center panel requested (fig.20 shows once the TV portal 2000 is selected by the user [based on the type of media center panel] the service provider 110 accesses a content catalog or content database 112 to obtain a listing of collections of content, content information and metadata associated [retrieving, from memory, metadata] with the television content for selection from the TV portal 2000, the contents displayed includes an image, textual description of the TV content item displayed in the content item area 2020, para 0084, 0121, 0122); and displaying on the television display the retrieved metadata in the media center panel (fig.20 shows once the TV portal 2000 is selected by the user the service provider 110 accesses a content catalog or content database 112 to obtain a listing of collections of content, content information and metadata associated with the television content for selection from the TV portal 2000, the contents displayed includes an image, textual description of the TV content item such as "Lost" is displayed in the content item area 2020 [displaying on the television display retrieved metadata] and can be selected by using a selection box 2022, para 0084, 0121, 0122); if the request is not the first request: determining the type of media center panel last displayed in the current user interface; retrieving, from memory, metadata based on the type of media center panel last displayed in the current user interface; and displaying on the television display the retrieved metadata in the media center panel.

Regarding claims 15, 18, Yu further teaches wherein the processor is further operable to: receive a second request to launch a second media center panel based on a media item selected from one or more media items displayed in the media center panel (fig.20 shows once the TV portal 2000 is selected by the user [a first request], media contents are displayed which includes an image, textual description of the TV content item such as "Lost" is displayed in the content item area 2020 which is selected by using a selection box 2022 [receiving a second request to launch a second media center panel], upon the selection the user is presented with a panel 2100, which provides a user selectable buttons 2124, 2122 and the button 2122 enables the user to watch the selected content item, para 0121, 0124); determine the type of media center panel requested (fig.20 shows once the TV portal 2000 is selected by the user, media contents are displayed which includes an image, textual description of the TV content item such as "Lost" is displayed in the content item area 2020 which is selected by using a selection box 2022, upon the selection the user is presented with a panel 2100, which provides a user selectable buttons 2124, 2122associated with the selected media content [determining the type of media center panel] and the button 2122 enables the user to watch the selected content item, para 0121, 0124); retrieve, from memory, metadata based on the type of the second media center panel (fig.20 shows once the TV portal 2000 is selected by the user [based on the type of media center panel] the service provider 110 accesses a content catalog or content database 112 to obtain a listing of collections of content, content information and metadata associated [retrieving, from memory, metadata] with the television content for selection from the TV portal 2000, para 0084; fig.20 shows the content item area 2020 which is selected by using a selection box 2022, upon the selection the user is presented with a panel 2100, which provides a user selectable buttons 2124, 2122 associated with the selected media content [second media center panel] and the button 2122 enables the user to watch the selected content item, para 0121, 0124); and display on the television display the retrieved metadata in the second media center panel (fig.20 shows the content item area 2020 which is selected by using a selection box 2022, upon the selection the user is presented with a panel 2100 [second media center panel], which provides a user selectable buttons 2124, 2122 associated with the selected media content [displaying on the television display in the second media center panel] and the button 2122 enables the user to watch the selected content item, para 0121, 0124).

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2013/055280

Supplemental Box

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

Regarding claim 19, Yu further teaches, wherein the media center panel includes a first list of one or more related media items (fig.23 shows a user interface panel 2300 which includes detailed information area 2320 related to the actor selected, the area 2320 includes content items/movies related [first list of one or more related media items] to the actor selected, para 0126); and the second media center panel includes a second list of one or more related media (figs.29-30 shows a user interface panel 3000 [second media center panel] which includes detailed information area 3020 [second list of one or more related media] content items/movies related to the actor selected related to the actor selected in the window 2900, para 0135, 0136).

Regarding claim 20, Yu further teaches comprising: receiving a selection of a media item from one or more media items displayed in the media center panel (fig.20 shows once the TV portal 2000 is selected by the user, content item such as "Lost" is displayed in the content item area 2020 which is selected by using a selection box 2022, upon the selection the user is presented with a panel 2100, which provides a user selectable buttons 2124, 2122 associated with the selected media content and the button 2122 enables the user to watch [receiving a selection of a media item], listen or consume the selected content item, para 0121, 0124); and presenting content associated with the selected media item (upon the selection the user is presented with a panel 2100, which provides a user selectable buttons 2124, 2122 associated with the selected media content and the button 2122 enables the user to watch [enable the user to watch the content is interpreted as receiving a selection of a media item to present content associated], listen or consume the selected content item, para 0121, 0124).

Claim 8 lacks an inventive step under PCT Article 33(3) as being obvious over Yu.

Regarding claim 8, Yu further teaches comprising: receiving a selection of a media item displayed in the list (fig.20 shows once the TV portal 2000 is selected by the user, content item such as "Lost" is displayed in the content item area 2020 which is selected by using a selection box 2022, upon the selection the user is presented with a panel 2100, which provides a user selectable buttons 2124, 2122 associated with the selected media content and the button 2122 enables the user to watch [receiving a selection of a media item], listen or consume the selected content item, para 0121, 0124), but lacks the teaching of determining if the selected media item is stored on a connected storage medium or available to purchase or rent from a content provider if the selected media item is stored on the connected storage medium, presenting content associated with the selected media item; if the selected media item is available to purchase or rent, connecting to the content provider to purchase or rent the selected media item; and presenting content associated with the selected media item.
However, Yu teaches determining if the media item is stored on a connected storage medium (figs.33-35 shows a search page 3400 which is accessed by the user and the user enters a search query which is "12 Monkeys" and a search is performed to match the entered search query with content information associated with the content items in the database 112, and in fig.35 the matching search result 3521 is presented and the user can select the item positioning the selection box 3522 on the desired content item and upon activation displays the content, para 0140) and if the media item is stored on the connected storage medium, presenting content associated with the selected media item (figs.33-35 shows a search page 3400 which is accessed by the user and the user enters a search query which is "12 Monkeys" and a search is performed to match the entered search query with content information associated with the content items in the database 112, and in fig.35 the matching search result 3521 is presented and the user can select the item positioning the selection box 3522 on the desired content item and upon activation displays the content, para 0140).
Further, Yu teaches that media content may be rented or purchased (para 108), and presenting presenting content associated with the selected media item.(content for purchase or rent, para 128-130).
It would have been obvious to one of ordinary skill in the art at the time of the invention to use the teachings to incorporate determining if the selected media item is stored on a connected storage medium or available to purchase or rent from a content provider if the selected media item is stored on the connected storage medium, presenting content associated with the selected media item into the invention of Yu. The motivation would have been to provide the users with an optimized user interface for better access to media contents.

Claims 1-20 meet the criteria set out in PCT Article 33(4), and thus have industrial applicability because the subject matter claimed can be made or used in industry.

Electronic Acknowledgement Receipt

EFS ID:	24220060
Application Number:	14834316
International Application Number:	
Confirmation Number:	1082
Title of Invention:	GLOBAL PANEL
First Named Inventor/Applicant Name:	Mohammed Selim
Customer Number:	111285
Filer:	Douglas W. Swartz/Theresa Brown
Filer Authorized By:	Douglas W. Swartz
Attorney Docket Number:	6583-481-CON
Receipt Date:	30-NOV-2015
Filing Date:	24-AUG-2015
Time Stamp:	19:20:04
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		6583-481-CON_IDS_01.pdf	341073 4b674423762c1d412e1bdb3b19573f0879501a48	yes	7

	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Transmittal Letter		1	3	
	Information Disclosure Statement (IDS) Form (SB08)		4	7	
Warnings:					
Information:					
2	Non Patent Literature	SOHAIL_Smart_TV-A_Late_Bloomer.pdf	179947 0a78ba6c13334357a5c16fca38a6d9bcf9933986	no	2
Warnings:					
Information:					
3	Non Patent Literature	6583-451-PCT_IPRP_02-26-2015.pdf	1008965 4203f5695275ae208a0c7ad3f41d1f1f94ec0ba9	no	8
Warnings:					
Information:					
4	Non Patent Literature	6583-489-PCT_IPRP_06-11-2015.pdf	12968884 e39f3fb8112985a53559b067c20f49cfc379b0bd	no	9
Warnings:					
Information:					
5	Other Reference-Patent/App/Search documents	6583-450_FOA_07-17-2015.pdf	1144380 e558c6aa23d2a9b2e8ffb97a659ebd1c3ad9b471	no	13
Warnings:					
Information:					
6	Other Reference-Patent/App/Search documents	6583-452_OA_08-17-2015.pdf	1137398 f734aeefe1ea209bfc33ae1499bd3054d676c4e1	no	13
Warnings:					
Information:					
7	Other Reference-Patent/App/Search documents	6583-489_OA_05-08-2015.pdf	2153573 0a459f967baae81d43d27eda65201f72928ed6e1	no	21
Warnings:					
Information:					
		Total Files Size (in bytes):	18934220		

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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:	)	Group Art Unit: 2425
Mohammed Selim	)	Confirmation No.: 1082
Serial No.: 14/834,316	)	Examiner: Not yet assigned
Filed: August 24, 2015	)	
Atty. File No.: 6583-481-CON	)	INFORMATION DISCLOSURE STATEMENT
Entitled: "GLOBAL PANEL"	)	*Electronically Submitted*

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

Dear Commissioner:

The references cited on attached Form PTO/SB08 are being called to the attention of the Examiner.

☒ Copies of the cited non-patent and/or foreign reference Nos. 78-83 are enclosed herewith.

☐ Copies of the cited U.S. patents and/or patent applications are enclosed herewith.

☒ Copies of the cited U.S. patents/unpublished patent applications/patent application publications are not enclosed in accordance with 37 C.F.R. § 1.98(a).

☒ Copies of the cited reference Nos. 54-77 are not enclosed, in accordance with 37 C.F.R. § 1.98(d), because the references were cited by or submitted to the U.S. Patent and Trademark Office in prior application Serial No. 13/970,374 filed 08/19/2013 , which is relied upon for an earlier filing date under 35 U.S.C. § 120.

☐ To the best of applicants' belief, the pertinence of the foreign-language references is believed to be summarized in the attached English abstracts and/or in the figures, although applicants do not necessarily vouch for the accuracy of the translation.

☒ Examiner's attention is drawn to the following related applications:

- Serial No. 13/968,948 filed 08/16/2013 (Attorney's Ref. No. 6583-450)
- Serial No. 13/968,929 filed 08/16/2013 (Attorney's Ref. No. 6583-451)
- Serial No. 14/841,199 filed 08/31/2015 (Attorney's Ref. No. 6583-451-CON)
- Serial No. 13/969,588 filed 08/18/2013 (Attorney's Ref. No. 6583-452)
- Serial No. 13/970,374 filed 08/19/2013 (Attorney's Ref. No. 6583-481)
- Serial No. 13/968,665 filed 08/16/2013 (Attorney's Ref. No. 6583-488)
- Serial No. 13/968,897 filed 08/16/2013 (Attorney's Ref. No. 6583-489)

- Serial No. 14/822,705 filed 08/10/2015 (Attorney's Ref. No. 6583-489-CON)

☐ Other:_____

Submission of the above information is not intended as an admission that any item is citable under the statutes or rules to support a rejection, that any item disclosed represents analogous art, or that those skilled in the art would refer to or recognize the pertinence of any reference without the benefit of hindsight, nor should an inference be drawn as to the pertinence of the references based on the order in which they are presented. Submission of this statement should not be taken as an indication that a search has been conducted, or that no better art exists.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application and the references made of record therein.

FEES

☒	**37 CFR 1.97(b)**: No fee is believed due in connection with this submission, because the information disclosure statement submitted herewith is satisfied by one of the following conditions ("X" indicates satisfaction): ☐ Within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d), or ☐ Within three months of the date of entry of the national stage as set forth in § 1.491 in an international application, or ☒ Before the mailing date of a first Office Action on the merits, or ☐ Before the mailing of a first Office action after the filing of a request for continued examination under 37 CFR 1.114. Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Deposit Account 19-1970.
☐	**37 CFR 1.97(c)**: The information disclosure statement transmitted herewith is being filed after all the above conditions (37 CFR 1.97(b)), but before the mailing date of any one of the following conditions: (1) a final action under 37 C.F.R. 1.113, or (2) a notice of allowance under 37 C.F.R. 1.311, or (3) an action that otherwise closes prosecution in the application. This Information Disclosure Statement is accompanied by: ☐ A Certification (below) as specified by 37 C.F.R. 1.97(e). Although no fee is believed due, if any fee is deemed due in connection with this submission, please charge such fee to Deposit Account 19-1970. OR ☐ Please charge Deposit Account 19-1970 in the amount of $180.00 for the fee set forth in 37 C.F.R. 1.17(p) for submission of an information disclosure statement. Please credit any overpayment or charge any underpayment to Deposit Account 19-1970.
☐	**37 CFR 1.97(d)**: This Information Disclosure Statement is being submitted after the period specified in 37 CFR 1.97(c). ☐ This information Disclosure Statement includes a Certification (below) as specified by 37 C.F.R. 1.97(e) AND ☐ Applicants hereby requests consideration of the reference(s) disclosed herein. Please charge Deposit Account 19-1970 in the amount of $ under 37 C.F.R. 1.17(p). Please credit any overpayment or charge any underpayment to Deposit Account 19-1970. Election to pay the fee should not be taken as an indication that applicant(s) cannot execute a certification.

Certification (37 C.F.R. 1.97(e))
(Applicable only if checked)

☐ The undersigned certifies that:

☐ Each item of information contained in the Information Disclosure Statement submitted herewith was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(1).

☐ A copy of the communication from the foreign patent office is enclosed.

OR

☐ No item of information contained in the Information Disclosure Statement submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement. 37 C.F.R. 1.97(e)(2).

Respectfully submitted,

SHERIDAN ROSS P.C.

By: /Douglas W. Swartz/
Douglas W. Swartz
Registration No. 37739
1560 Broadway, Suite 1200
Denver, Colorado 80202-5141
(303) 863-9700

Date: November 30, 2015

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 14/834,316

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	280
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	600
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	720
TOTAL CLAIMS (37 CFR 1.16(i))	22 minus 20 =	* 2			OR	x 80 =	160
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3 minus 3 =	*				x 420 =	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 $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).						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	1760

APPLICATION AS AMENDED - PART II

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
AMENDMENT A	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))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE($)	ADDITIONAL FEE($)	OR	RATE($)	ADDITIONAL FEE($)
AMENDMENT B	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))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L 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 found in the appropriate box in column 1.

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
14/834,316	08/24/2015	1671	1900	6583-481-CON	22	3

CONFIRMATION NO. 1082

UPDATED FILING RECEIPT

111285
Sheridan Ross P.C.
1560 Broadway
Suite 1200
Denver, CO 80202

OC000000078714058

Date Mailed: 11/18/2015

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**

Inventor(s)

Mohammed Selim, Oakville, CANADA;
Sanjiv Sirpal, Oakville, CANADA;
Fuqu Wu, Burlington, CANADA;
Salvador Soto, Toronto, CANADA;
Alexander de Paz, Burlington, CA;
Saulo Correia Dourado, Oakville, CA;
Karina A. Limongi, Oakville, CA;

Applicant(s)

Flextronics AP, LLC, San Jose, CA;

Power of Attorney: The patent practitioners associated with Customer Number 111285

Domestic Priority data as claimed by applicant

This application is a CON of 13/970,374 08/19/2013
which claims benefit of 61/684,672 08/17/2012
and claims benefit of 61/702,650 09/18/2012
and claims benefit of 61/697,710 09/06/2012
and claims benefit of 61/700,182 09/12/2012
and claims benefit of 61/736,692 12/13/2012
and claims benefit of 61/798,821 03/15/2013
and claims benefit of 61/804,942 03/25/2013
and claims benefit of 61/804,998 03/25/2013
and claims benefit of 61/804,971 03/25/2013
and claims benefit of 61/804,990 03/25/2013
and claims benefit of 61/805,003 03/25/2013
and claims benefit of 61/805,053 03/25/2013

and claims benefit of 61/805,030 03/25/2013
and claims benefit of 61/805,027 03/25/2013
and claims benefit of 61/805,042 03/25/2013
and claims benefit of 61/805,038 03/25/2013
This application 14/834,316
is a CON of 13/968,665 08/16/2013
which claims benefit of 61/684,672 08/17/2012
and claims benefit of 61/702,650 09/18/2012
and claims benefit of 61/697,710 09/06/2012
and claims benefit of 61/700,182 09/12/2012
and claims benefit of 61/736,692 12/13/2012
and claims benefit of 61/798,821 03/15/2013
and claims benefit of 61/804,942 03/25/2013
and claims benefit of 61/804,998 03/25/2013
and claims benefit of 61/804,971 03/25/2013
and claims benefit of 61/804,990 03/25/2013
and claims benefit of 61/805,003 03/25/2013
and claims benefit of 61/805,053 03/25/2013
and claims benefit of 61/805,030 03/25/2013
and claims benefit of 61/805,027 03/25/2013
and claims benefit of 61/805,042 03/25/2013
and claims benefit of 61/805,038 03/25/2013
This application 14/834,316
is a CON of 13/969,179 08/16/2013
which claims benefit of 61/684,672 08/17/2012
and claims benefit of 61/702,650 09/18/2012
and claims benefit of 61/697,710 09/06/2012
and claims benefit of 61/700,182 09/12/2012
and claims benefit of 61/736,692 12/13/2012
and claims benefit of 61/798,821 03/15/2013
and claims benefit of 61/804,942 03/25/2013
and claims benefit of 61/804,998 03/25/2013
and claims benefit of 61/804,971 03/25/2013
and claims benefit of 61/804,990 03/25/2013
and claims benefit of 61/805,003 03/25/2013
and claims benefit of 61/805,053 03/25/2013
and claims benefit of 61/805,030 03/25/2013
and claims benefit of 61/805,027 03/25/2013
and claims benefit of 61/805,042 03/25/2013
and said 13/969,179
claims benefit of 61/805,038 03/25/2013
This application 14/834,316
is a CON of 13/969,588 08/18/2013
which claims benefit of 61/684,672 08/17/2012
and claims benefit of 61/702,650 09/18/2012
and claims benefit of 61/697,710 09/06/2012
and claims benefit of 61/700,182 09/12/2012
and claims benefit of 61/736,692 12/13/2012
and claims benefit of 61/798,821 03/15/2013
and claims benefit of 61/804,942 03/25/2013
and claims benefit of 61/804,998 03/25/2013

and claims benefit of 61/804,971 03/25/2013
and claims benefit of 61/804,990 03/25/2013
and claims benefit of 61/805,003 03/25/2013
and claims benefit of 61/805,053 03/25/2013
and claims benefit of 61/805,030 03/25/2013
and claims benefit of 61/805,027 03/25/2013
and claims benefit of 61/805,042 03/25/2013
and claims benefit of 61/805,038 03/25/2013
This application 14/834,316
is a CON of 13/970,355 08/19/2013 PAT 9172896
which claims benefit of 61/684,672 08/17/2012
and claims benefit of 61/702,650 09/18/2012
and claims benefit of 61/697,710 09/06/2012
and claims benefit of 61/700,182 09/12/2012
and claims benefit of 61/736,692 12/13/2012
and claims benefit of 61/798,821 03/15/2013
and claims benefit of 61/804,942 03/25/2013
and claims benefit of 61/804,998 03/25/2013
and claims benefit of 61/804,971 03/25/2013
and claims benefit of 61/804,990 03/25/2013
and claims benefit of 61/805,003 03/25/2013
and claims benefit of 61/805,053 03/25/2013
and claims benefit of 61/805,030 03/25/2013
and claims benefit of 61/805,027 03/25/2013
and claims benefit of 61/805,042 03/25/2013
and claims benefit of 61/805,038 03/25/2013
This application 14/834,316
is a CON of 14/418,969 02/02/2015
which is a 371 of PCT/US2013/036826 04/16/2013
which claims benefit of 61/684,672 08/17/2012
and claims benefit of 61/697,710 09/06/2012
and claims benefit of 61/700,182 09/12/2012
and claims benefit of 61/702,650 09/18/2012
and claims benefit of 61/736,692 12/13/2012
and claims benefit of 61/798,821 03/15/2013
and claims benefit of 61/805,027 03/25/2013
and claims benefit of 61/805,038 03/25/2013
and claims benefit of 61/804,971 03/25/2013
and claims benefit of 61/804,942 03/25/2013
and claims benefit of 61/805,030 03/25/2013
and claims benefit of 61/804,998 03/25/2013
and claims benefit of 61/805,003 03/25/2013
and said PCT/US2013/036826
claims benefit of 61/805,042 03/25/2013
and claims benefit of 61/805,053 03/25/2013
and claims benefit of 61/804,990 03/25/2013

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

If Required, Foreign Filing License Granted: 09/04/2015

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 14/834,316**

Projected Publication Date: 02/25/2016

Non-Publication Request: No

Early Publication Request: No

Title

GLOBAL PANEL

Preliminary Class

518

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: Yes

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.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

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 (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign AssetsControl, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

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 U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit http://www.SelectUSA.gov or call +1-202-482-6800.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:	Group Art Unit: 1671
SELIM et al.	Confirmation No.: 1082
Serial No.: 14/834,316	Examiner: Not yet assigned
Filed: August 24, 2015	
Atty. File No.: 6583-481-CON	
Entitled: "GLOBAL PANEL"	***Submitted Via EFS-Web***

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE TO FILE MISSING PARTS

Dear Sir/Madam:

In response to the Notice to File Missing Parts of Nonprovisional Application mailed September 9, 2015, in connection with the above-identified application, submitted via EFS-web are the following fees:

Statutory basic filing fee	$280.00
Extra claim fees	160.00
Search fee	600.00
Examination fee	720.00
Late fee surcharge	140.00
Total Fees	**$1,900.00**

Also submitted is a marked-up Application Data Sheet with corrections to the Inventor Information section. The complete list of inventors is as follows: Mohammed Selim, Sanjiv Sirpal, Fuqu Wu, Salvador Soto, Alexander de Paz, Saulo Correia Dourado, and Karina A. Limongi. Declarations for inventors Alexander de Paz, Saulo Correia Dourado, and Karina A. Limongi are submitted herewith.

It is not believed any other fees are due with the filing of this paper. However, if additional fees are deemed necessary, please credit any overpayment or debit any underpayment to Deposit Account No. 19-1970.

Respectfully submitted,

SHERIDAN ROSS P.C.

By: /Tadd F. Wilson/
Tadd F. Wilson
Registration No. 54544
1560 Broadway, Suite 1200
Denver, Colorado 80202-5141
(303) 863-9700

Date: November 9, 2015

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	14/834,316
Title of Invention	GLOBAL PANEL	

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.
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.

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.)

Inventor Information:

Inventor 1 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Mohammed		Selim	

Residence Information (Select One) ○ US Residency ◉ Non US Residency ○ Active US Military Service

City	Oakville	Country of Residence [i]	CA

Mailing Address of Inventor:

Address 1	2488 Oakhaven Drive		
Address 2			
City	Oakville	State/Province	ON
Postal Code	L6M 4B9	Country [i]	CA

Inventor 2 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Sanjiv		Sirpal	

Residence Information (Select One) ○ US Residency ◉ Non US Residency ○ Active US Military Service

City	Oakville	Country of Residence [i]	CA

Mailing Address of Inventor:

Address 1	3264 Stocksbridge Avenue		
Address 2			
City	Oakville	State/Province	ON
Postal Code	L6M 0E3	Country [i]	CA

Inventor 3 Remove

Legal Name

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Prefix	Given Name	Middle Name	Family Name	Suffix
	Fuqu	~~Correia~~	Wu	

Residence Information (Select One) ○ US Residency ◉ Non US Residency ○ Active US Military Service

City	Burlington	Country of Residence [i]	CA

Mailing Address of Inventor:

Address 1	5653 Roseville Ct.		
Address 2			
City	Burlington	State/Province	ON
Postal Code	L7L 6V4	Country [i]	CA

Inventor 4 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Salvador		Soto	

Residence Information (Select One) ○ US Residency ◉ Non US Residency ○ Active US Military Service

City	Toronto	Country of Residence [i]	CA

Mailing Address of Inventor:

Address 1	3902-25 Capreol Court		
Address 2			
City	Toronto	State/Province	ON
Postal Code	M5V 3Z7	Country [i]	CA

Inventor 5 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Alexander		de Paz	

Residence Information (Select One) ○ US Residency ◉ Non US Residency ○ Active US Military Service

City	Burlington	Country of Residence [i]	CA

Mailing Address of Inventor:

Address 1	5444 Valleyhigh Drive		
Address 2			
City	Burlington	State/Province	ON
Postal Code	L7L 6Z6	Country [i]	CA

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Inventor 6 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Saulo	Correia	Dourado	

Residence Information (Select One) ○ US Residency ◉ Non US Residency ○ Active US Military Service

City	Oakville	Country of Residence [i]	CA

Mailing Address of Inventor:

Address 1	2420 Ravinebrook Cres		
Address 2			
City	Oakville	State/Province	ON
Postal Code	L6H 6Y2	Country [i]	CA

Inventor 7 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Karina	A.	Limongi	

Residence Information (Select One) ○ US Residency ◉ Non US Residency ○ Active US Military Service

City	Oakville	Country of Residence [i]	CA

Mailing Address of Inventor:

Address 1	2109 Shady Glen Road		
Address 2			
City	Oakville	State/Province	ON
Postal Code	L6M 3P1	Country [i]	CA

All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the **Add** button. Add

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

☐ **An Address is being provided for the correspondence information of this application.**

Customer Number	111285		
Email Address	flexpatents@sheridanross.com	Add Email	Remove Email

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Information:

Title of the Invention	GLOBAL PANEL		
Attorney Docket Number	6583-481-CON	**Small Entity Status Claimed** ☐	
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	34	**Suggested Figure for Publication (if any)**	

Filing By Reference :

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☐ **Request Not to Publish.** 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 **has not and will not** be 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).
Either enter 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:	◉ Customer Number	○ US Patent Practitioner	○ Limited Recognition (37 CFR 11.9)
Customer Number	111285		

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(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.
When referring to the current application, please leave the application number blank.

Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	13/970374	2013-08-19
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/684672	2012-08-17
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/702650	2012-09-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/697710	2012-09-06
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/700182	2012-09-12
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/736692	2012-12-13
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/798821	2013-03-15
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/804942	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/804998	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/804971	2013-03-25
Prior Application Status	Expired		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/804990	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/805003	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/805053	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/805030	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/805027	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/805042	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/805038	2013-03-25
Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	13/968665	2013-08-16
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/684672	2012-08-17
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/702650	2012-09-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/697710	2012-09-06
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/700182	2012-09-12
Prior Application Status	Expired		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/736692	2012-12-13
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/798821	2013-03-15
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/804942	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/804998	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/804971	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/804990	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/805003	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/805053	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/805030	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/805027	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/805042	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/805038	2013-03-25
Prior Application Status	Pending		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	13/969179	2013-08-16
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/684672	2012-08-17
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/702650	2012-09-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/697710	2012-09-06
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/700182	2012-09-12
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/736692	2012-12-13
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/798821	2013-03-15
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/804942	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/804998	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/804971	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/804990	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/805003	2013-03-25
Prior Application Status	Expired		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/805053	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/805030	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/805027	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/805042	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/805038	2013-03-25
Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	13/969588	2013-08-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/684672	2012-08-17
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/702650	2012-09-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/697710	2012-09-06
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/700182	2012-09-12
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/736692	2012-12-13
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/798821	2013-03-15
Prior Application Status	Expired		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/804942	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/804998	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/804971	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/804990	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/805003	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/805053	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/805030	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/805027	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/805042	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/805038	2013-03-25
Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	13/970355	2013-08-19
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/684672	2012-08-17
Prior Application Status	Expired		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/702650	2012-09-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/697710	2012-09-06
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/700182	2012-09-12
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/736692	2012-12-13
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/798821	2013-03-15
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/804942	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/804998	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/804971	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/804990	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/805003	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/805053	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/805030	2013-03-25
Prior Application Status	Expired		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/805027	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/805042	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/805038	2013-03-25
Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	14/418969	2015-02-02
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
14/418969	a 371 of international	PCT/US2013/036826	2013-04-16
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/684672	2012-08-17
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/697710	2012-09-06
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/700182	2012-09-12
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/702650	2012-09-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/736692	2012-12-13
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/798821	2013-03-15
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/805027	2013-03-25
Prior Application Status	Expired		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/805038	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/804971	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/804942	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/805030	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/804998	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/805003	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/805042	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/805053	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/804990	2013-03-25

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the **Add** button.

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. 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. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)[i] the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Country[i]	Filing Date (YYYY-MM-DD)	Access Code[j] (if applicable)

Remove

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button.

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

☒ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.
NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Authorization to Permit Access:

☐ Authorization to Permit Access to the Instant Application by the Participating Offices

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the instant patent application is filed access to the instant patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the instant patent application is filed to have access to the instant patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the instant patent application with respect to: 1) the instant patent application-as-filed; 2) any foreign application to which the instant patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the instant patent application; and 3) any U.S. application-as-filed from which benefit is sought in the instant patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date o f filing this Authorization.

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Applicant 1

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Clear

(•) Assignee	( ) Legal Representative under 35 U.S.C. 117	( ) Joint Inventor
( ) Person to whom the inventor is obligated to assign.	( ) Person who shows sufficient proprietary interest	

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor :

If the Applicant is an Organization check here. ☒

Organization Name	Flextronics AP, LLC

Mailing Address Information For Applicant:

Address 1	6201 America Center Drive		
Address 2			
City	San Jose	**State/Province**	CA
Country	US	Postal Code	95002
Phone Number		Fax Number	
Email Address			

Additional Applicant Data may be generated within this form by selecting the Add button.

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not subsitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Assignee 1

Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication . An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.

If the Assignee or Non-Applicant Assignee is an Organization check here. ☐

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Prefix	**Given Name**	Middle Name	**Family Name**	Suffix

Mailing Address Information For Assignee including Non-Applicant Assignee:

Address 1			
Address 2			
City		**State/Province**	
Country i		Postal Code	
Phone Number		Fax Number	
Email Address			

Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.

Signature:

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Signature	/Tadd F. Wilson/			Date (YYYY-MM-DD)	2015-11-09
First Name	Tadd F.	Last Name	Wilson	Registration Number	54544

Additional Signature may be generated within this form by selecting the Add button.

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 C o o p eration 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.

Atty. Docket No. 6583-464

PTO/AIA/01 (06-12)
Approved for use through 01/31/2014. OMB 0651-0032
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 displays a valid OMB control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	CONTENT-SENSITIVE AND CONTEXT-SENSITIVE USER INTERFACE FOR AN INTELLIGENT TELEVISION

As the below named inventor, I hereby declare that:

This declaration is directed to:

☐ The attached application, or

■ United States application or PCT international application number 13/970,355 filed on August 19, 2013.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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.

LEGAL NAME OF INVENTOR

Inventor: Karina A. Limongi Date (Optional): _____

Signature: Karina A. Limongi

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 minute 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.

Atty. Docket No. 6583-488

PTO/AIA/01 (06-12)
Approved for use through 01/31/2014. OMB 0651-0032
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 displays a valid OMB control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	PANEL USER INTERFACE FOR AN INTELLIGENT TELEVISION

As the below named inventor, I hereby declare that:

This declaration is directed to:

☐ The attached application, or

☒ United States application or PCT international application number 13/968,665 filed on August 16, 2013.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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.

LEGAL NAME OF INVENTOR

Inventor: Saulo Correia Dourado Date (Optional): _____

Signature: Saulo Dourado

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 minute 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.

Atty. Docket No. 6583-488

PTO/AIA/01 (06-12)
Approved for use through 01/31/2014. OMB 0651-0032
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 displays a valid OMB control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	PANEL USER INTERFACE FOR AN INTELLIGENT TELEVISION

As the below named inventor, I hereby declare that:

This declaration is directed to:

☐ The attached application, or

☒ United States application or PCT international application number 13/968,665 filed on August 16, 2013.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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.

LEGAL NAME OF INVENTOR

Inventor: Alexander de Paz Date (Optional): Sept 25 2013

Signature: 

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 minute 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

Application Number:	14834316
Filing Date:	24-Aug-2015
Title of Invention:	GLOBAL PANEL
First Named Inventor/Applicant Name:	Mohammed Selim
Filer:	Tadd Fjelp Wilson/Amy Duarte
Attorney Docket Number:	6583-481-CON

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Utility application filing	1011	1	280	280
Utility Search Fee	1111	1	600	600
Utility Examination Fee	1311	1	720	720
Pages:				
Claims:				
Claims in Excess of 20	1202	2	80	160
Miscellaneous-Filing:				
Late Filing Fee for Oath or Declaration	1051	1	140	140

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
		Total in USD ($)		**1900**

Electronic Acknowledgement Receipt	
EFS ID:	24031605
Application Number:	14834316
International Application Number:	
Confirmation Number:	1082
Title of Invention:	GLOBAL PANEL
First Named Inventor/Applicant Name:	Mohammed Selim
Customer Number:	111285
Filer:	Tadd Fjelp Wilson/Amy Duarte
Filer Authorized By:	Tadd Fjelp Wilson
Attorney Docket Number:	6583-481-CON
Receipt Date:	09-NOV-2015
Filing Date:	24-AUG-2015
Time Stamp:	20:31:34
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$1900
RAM confirmation Number	7578
Deposit Account	191970
Authorized User	WILSON, TADD
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	Applicant Response to Pre-Exam Formalities Notice	6583-481-CON_Response_Missing_Parts.pdf	123023 2e058302d1d9fc395031d1f8622c6d6d07379b2d	no	2
Warnings:					
Information:					
2	Application Data Sheet	6583-481-CON_ADS-corrected.pdf	1563816 eb957389ca06692cd4d30e5bd93778495fbb405a	no	17
Warnings:					
Information:					
This is not an USPTO supplied ADS fillable form					
3	Oath or Declaration filed	6583-464_Executed_Declaration-LIMONGI.pdf	137353 d92535040979224db7f04b554b9a8966b601d39b	no	1
Warnings:					
Information:					
4		6583-488_Executed_Declaration-Dourado_dePaz.pdf	266449 16d7f7cdc0ae19962140942c2aa1ef9590625b69	yes	2

Multipart Description/PDF files in .zip description

Document Description	Start	End
Oath or Declaration filed	1	1
Oath or Declaration filed	2	2

Warnings:					
Information:					
5	Fee Worksheet (SB06)	fee-info.pdf	38390 7c271d17cf0fd3430932ed63ec9c15132d4192dd	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	2129031		

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.

Document code: WFEE

United States Patent and Trademark Office
Sales Receipt for Accounting Date: 11/13/2015

CVORACHA SALE #00000032 Mailroom Dt: 11/09/2015 191970 14834316
01 FC : 1830 140.00 DA

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
14/834,316	08/24/2015	1671	0.00	6583-481-CON	22	3

CONFIRMATION NO. 1082

FILING RECEIPT

111285
Sheridan Ross P.C.
1560 Broadway
Suite 1200
Denver, CO 80202

OC000000077298670

Date Mailed: 09/09/2015

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**

Inventor(s)

Mohammed Selim, Oakville, CANADA;
Sanjiv Sirpal, Oakville, CANADA;
Fuqu Correia Wu, Burlington, CANADA;
Salvador Soto, Toronto, CANADA;

Applicant(s)

Flextronics AP, LLC, San Jose, CA;

Power of Attorney: The patent practitioners associated with Customer Number 111285

Domestic Priority data as claimed by applicant

This application is a CON of 13/970,374 08/19/2013
which claims benefit of 61/684,672 08/17/2012
and claims benefit of 61/702,650 09/18/2012
and claims benefit of 61/697,710 09/06/2012
and claims benefit of 61/700,182 09/12/2012
and claims benefit of 61/736,692 12/13/2012
and claims benefit of 61/798,821 03/15/2013
and claims benefit of 61/804,942 03/25/2013
and claims benefit of 61/804,998 03/25/2013
and claims benefit of 61/804,971 03/25/2013
and claims benefit of 61/804,990 03/25/2013
and claims benefit of 61/805,003 03/25/2013
and claims benefit of 61/805,053 03/25/2013
and claims benefit of 61/805,030 03/25/2013
and claims benefit of 61/805,027 03/25/2013
and claims benefit of 61/805,042 03/25/2013

and claims benefit of 61/805,038 03/25/2013
This application 14/834,316
is a CON of 13/968,665 08/16/2013
which claims benefit of 61/684,672 08/17/2012
and claims benefit of 61/702,650 09/18/2012
and claims benefit of 61/697,710 09/06/2012
and claims benefit of 61/700,182 09/12/2012
and claims benefit of 61/736,692 12/13/2012
and claims benefit of 61/798,821 03/15/2013
and claims benefit of 61/804,942 03/25/2013
and claims benefit of 61/804,998 03/25/2013
and claims benefit of 61/804,971 03/25/2013
and claims benefit of 61/804,990 03/25/2013
and claims benefit of 61/805,003 03/25/2013
and claims benefit of 61/805,053 03/25/2013
and claims benefit of 61/805,030 03/25/2013
and claims benefit of 61/805,027 03/25/2013
and claims benefit of 61/805,042 03/25/2013
and claims benefit of 61/805,038 03/25/2013
This application 14/834,316
is a CON of 13/969,179 08/16/2013
which claims benefit of 61/684,672 08/17/2012
and claims benefit of 61/702,650 09/18/2012
and claims benefit of 61/697,710 09/06/2012
and claims benefit of 61/700,182 09/12/2012
and claims benefit of 61/736,692 12/13/2012
and claims benefit of 61/798,821 03/15/2013
and claims benefit of 61/804,942 03/25/2013
and claims benefit of 61/804,998 03/25/2013
and claims benefit of 61/804,971 03/25/2013
and claims benefit of 61/804,990 03/25/2013
and claims benefit of 61/805,003 03/25/2013
and claims benefit of 61/805,053 03/25/2013
and claims benefit of 61/805,030 03/25/2013
and claims benefit of 61/805,027 03/25/2013
and claims benefit of 61/805,042 03/25/2013
and said 13/969,179
claims benefit of 61/805,038 03/25/2013
This application 14/834,316
is a CON of 13/969,588 08/18/2013
which claims benefit of 61/684,672 08/17/2012
and claims benefit of 61/702,650 09/18/2012
and claims benefit of 61/697,710 09/06/2012
and claims benefit of 61/700,182 09/12/2012
and claims benefit of 61/736,692 12/13/2012
and claims benefit of 61/798,821 03/15/2013
and claims benefit of 61/804,942 03/25/2013
and claims benefit of 61/804,998 03/25/2013
and claims benefit of 61/804,971 03/25/2013
and claims benefit of 61/804,990 03/25/2013
and claims benefit of 61/805,003 03/25/2013

and claims benefit of 61/805,053 03/25/2013
and claims benefit of 61/805,030 03/25/2013
and claims benefit of 61/805,027 03/25/2013
and claims benefit of 61/805,042 03/25/2013
and claims benefit of 61/805,038 03/25/2013
This application 14/834,316
is a CON of 13/970,355 08/19/2013
which claims benefit of 61/684,672 08/17/2012
and claims benefit of 61/702,650 09/18/2012
and claims benefit of 61/697,710 09/06/2012
and claims benefit of 61/700,182 09/12/2012
and claims benefit of 61/736,692 12/13/2012
and claims benefit of 61/798,821 03/15/2013
and claims benefit of 61/804,942 03/25/2013
and claims benefit of 61/804,998 03/25/2013
and claims benefit of 61/804,971 03/25/2013
and claims benefit of 61/804,990 03/25/2013
and claims benefit of 61/805,003 03/25/2013
and claims benefit of 61/805,053 03/25/2013
and claims benefit of 61/805,030 03/25/2013
and claims benefit of 61/805,027 03/25/2013
and claims benefit of 61/805,042 03/25/2013
and claims benefit of 61/805,038 03/25/2013
This application 14/834,316
is a CON of 14/418,969 02/02/2015
which is a 371 of PCT/US2013/036826 04/16/2013
which claims benefit of 61/684,672 08/17/2012
and claims benefit of 61/697,710 09/06/2012
and claims benefit of 61/700,182 09/12/2012
and claims benefit of 61/702,650 09/18/2012
and claims benefit of 61/736,692 12/13/2012
and claims benefit of 61/798,821 03/15/2013
and claims benefit of 61/805,027 03/25/2013
and claims benefit of 61/805,038 03/25/2013
and claims benefit of 61/804,971 03/25/2013
and claims benefit of 61/804,942 03/25/2013
and claims benefit of 61/805,030 03/25/2013
and claims benefit of 61/804,998 03/25/2013
and claims benefit of 61/805,003 03/25/2013
and said PCT/US2013/036826
claims benefit of 61/805,042 03/25/2013
and claims benefit of 61/805,053 03/25/2013
and claims benefit of 61/804,990 03/25/2013

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

If Required, Foreign Filing License Granted: 09/04/2015

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 14/834,316**

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No
Title

GLOBAL PANEL

Preliminary Class

518

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: Yes

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.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

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 (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign AssetsControl, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

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 U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit http://www.SelectUSA.gov or call +1-202-482-6800.

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 14/834,316

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	280
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	600
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	720
TOTAL CLAIMS (37 CFR 1.16(i))	22 minus 20 =	* 2			OR	x 80 =	160
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3 minus 3 =	*				x 420 =	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 $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).						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	1760

APPLICATION AS AMENDED - PART II

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
AMENDMENT A	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))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE($)	ADDITIONAL FEE($)	OR	RATE($)	ADDITIONAL FEE($)
AMENDMENT B	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))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L 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 found in the appropriate box in column 1.

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	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
14/834,316	08/24/2015	Mohammed Selim	6583-481-CON

CONFIRMATION NO. 1082

111285
Sheridan Ross P.C.
1560 Broadway
Suite 1200
Denver, CO 80202

FORMALITIES LETTER

OC000000077296671

Date Mailed: 09/09/2015

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
- The application search fee must be submitted.
- The application examination fee must be submitted.
- Additional claim fees of $ **160** as an undiscounted 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.
- Surcharge as set forth in 37 CFR 1.16(f) must be submitted.
  The surcharge is due for any one of:
  - late submission of the basic filing fee, search fee, or examination fee,
  - late submission of inventor's oath or declaration,
  - filing an application that does not contain at least one claim on filing, or
  - submission of an application filed by reference to a previously filed application.

SUMMARY OF FEES DUE:

The fee(s) required within **TWO MONTHS** from the date of this Notice to avoid abandonment is/are itemized below. No entity status discount is in effect. If applicant is qualified for small entity status, a written assertion of small entity status must be submitted to establish small entity status. (See 37 CFR 1.27). If applicant is qualified for micro entity status, an acceptable Certification of Micro Entity Status must be submitted to establish micro entity status. (See 37 CFR 1.29 and forms PTO/SB/15A and 15B.)

- $ **280** basic filing fee.
- $ **140** surcharge.
- $ **600** search fee.
- $ **720** examination fee.
- $ **160** for **2** total claims over 20.

- $(**0**) previous unapplied payment amount.
- $ **1900** TOTAL FEE BALANCE DUE.

Replies must be received in the USPTO within the set time period or must include a proper Certificate of Mailing or Transmission under 37 CFR 1.8 with a mailing or transmission date within the set time period. For more information and a suggested format, see Form PTO/SB/92 and MPEP 512.

Replies should be mailed to:

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web, including a copy of this Notice and selecting the document description "Applicant response to Pre-Exam Formalities Notice". https://sportal.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.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at **(571) 272-4000** or **(571) 272-4200** or **1-888-786-0101**.

/tpetros/

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:	Group Art Unit:
SELIM et al.	Confirmation No.:
Serial No.:	Examiner:
Filed: August 24, 2015	
Atty. File No.: 6583-481-CON	
Entitled: "GLOBAL PANEL"	***Submitted Via EFS-Web***

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

PRELIMINARY AMENDMENT

Dear Sir/Madam:

Prior to the initial review of the above-identified patent application by the Examiner, please enter the following Preliminary Amendment:

Amendments to the Specification begin on page **2** of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page **4** of this paper.

Remarks/Arguments begin on page **10** of this paper.

AMENDMENTS TO THE SPECIFICATION

Please amend paragraph [0001] of the specification as follows:

[0001] The present application is a continuation of and claims priority to U.S. Patent Application Nos. 13/970,374 filed August 19, 2013 entitled "Global Panel"; 13/968,665 filed August 16, 2013 entitled "Panel User Interface for an Intelligent Television"; 13/969,179 filed August 16, 2013 entitled "Intelligent Channel Changing"; 13/969,588 filed August 18, 2013 entitled "Panel User Interface for an Intelligent Television"; and 13/970,355 filed August 19, 2013 entitled "Content-Sensitive and Context-Sensitive User Interface for an Intelligent Television"; each of which claims the benefits of and priority, under 35 U.S.C. § 119(e), to U.S. Provisional Application Serial Nos. 61/684,672 filed August 17, 2012, "Smart TV"; 61/702,650 filed September 18, 2012, "Smart TV"; 61/697,710 filed September 6, 2012, "Social TV"; 61/700,182 filed September 12, 2012, "Social TV Roadmap"; 61/736,692 filed December 13, 2012, "SmartTV"; 61/798,821 filed March 15, 2013, "SmartTV"; 61/804,942 filed March 25, 2013, "SmartTV"; 61/804,998 filed March 25, 2013, "SmartTV"; 61/804,971 filed March 25, 2013, "SmartTV"; 61/804,990 filed March 25, 2013, "SmartTV"; 61/805,003 filed March 25, 2013, "SmartTV"; 61/805,053 filed March 25, 2013, "SmartTV"; 61/805,030 filed March 25, 2013, "SmartTV"; 61/805,027 filed March 25, 2013, "SmartTV"; 61/805,042 filed March 25, 2013, "SmartTV"; and 61/805,038 filed March 25, 2013, "SmartTV." The present application is also a continuation of and claims priority to U.S. Patent Application No. 14/418,969 filed February 2, 2015, entitled "Methods and Displays for Providing Intelligent Television Badges," which is a national stage application under 35 U.S.C. 371 of PCT Application No. PCT/US13/36826, having an international filing date of April 16, 2013, which claims the benefits of and priority, under 35 U.S.C. § 119(e), to U.S. Provisional Application Serial Nos. 61/684,672 filed August 17, 2012, "Smart TV"; 61/702,650 filed September 18, 2012, "Smart TV"; 61/697,710 filed September 6, 2012, "Social TV"; 61/700,182 filed September 12, 2012, "Social TV Roadmap"; 61/736,692 filed December 13, 2012, "SmartTV"; 61/798,821 filed March 15, 2013, "SmartTV"; 61/804,942 filed March 25, 2013, "SmartTV"; 61/804,998 filed March 25, 2013, "SmartTV"; 61/804,971 filed March 25, 2013, "SmartTV"; 61/804,990 filed March 25, 2013, "SmartTV"; 61/805,003 filed March 25, 2013, "SmartTV"; 61/805,053 filed March 25, 2013, "SmartTV"; 61/805,030 filed March 25, 2013, "SmartTV"; 61/805,027 filed

March 25, 2013, "SmartTV"; 61/805,042 filed March 25, 2013, "SmartTV"; and 61/805,038 filed March 25, 2013, "SmartTV." Each of the aforementioned documents is incorporated herein by reference in their entirety for all that they teach and for all purposes.

AMENDMENTS TO THE CLAIMS

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

Listing of Claims

1-22. (Cancelled)

23. (New) A method of displaying content on a television, comprising:

receiving an indication associated with a selection by a user;

determining, based on the received indication, a global panel to display via the television;

retrieving from memory, a first content information for display in the global panel; and

displaying, via the television, the retrieved content information in the global panel, wherein the global panel includes a list of two or more sources of content for the intelligent television, and wherein at least one of the two or more sources is highlighted as being associated with the first content information, wherein the two or more sources include two or more of a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television.

24. (New) The method of claim 23, further comprising:

identifying a user associated with the received indication;

retrieving one or more settings associated with the identified user;

retrieving, from memory, content information associated with the identified user; and

displaying, via the television, the retrieved content information in the global panel.

25. (New) The method of claim 23, further comprising:

identifying a user associated with the received indication;

retrieving, from memory, one or more settings associated with the identified user;

retrieving, from memory, content information associated with the identified user and the one or more settings associated with the user; and

displaying, via the television, the retrieved content information in the global panel.

26. (New) The method of claim 23, further comprising:

receiving a second indication associated with a selection by a user;

determining, based on the second indication, a source of content information to be displayed in the global panel based;

retrieving at least a portion of content information from the determined source; and

displaying, via the television, the content information associated with the determined source.

27. (New) The method of claim 23, wherein the global panel comprises information from at least two different panel types.

28. (New) The method of claim 23, further comprising:

identifying at least one of a content source and a content information currently being displayed via a television;

selecting a panel type based on the identified at least one of content source and content information currently being displayed via the television;

retrieving, from memory, content information based on the selected panel type; and

displaying, via the television, the retrieved content information in the global panel based on the selected panel type.

29. (New) The method of claim 28, further comprising:

receiving a second indication associated with a selection by a user;

selecting a panel type based on the second indication;

retrieving, from memory, content information based on the selected panel type and the second indication; and

displaying, via the television, the retrieved content information in the global panel.

30. (New) The method of claim 29, wherein the retrieved content information comprises information associated with content information marked as favorite.

31. (New) The method of claim 29, wherein the retrieved content information comprises information associated with content information recently viewed.

32. (New) The method of claim 29, wherein the retrieved content information comprises information associated with content information marked as favorite and further comprises information associated with content information recently viewed.

33. (New) A non-transitory computer readable information storage medium having stored thereon instructions that cause a computing system to execute a method of displaying content on a television, comprising:

receiving an indication associated with a selection by a user;

determining, based on the received indication, a global panel to display via the television;

retrieving from memory, a first content information for display in the global panel; and

displaying, via the television, the retrieved content information in the global panel, wherein the global panel includes a list of two or more source of content for the intelligent television, and wherein at least one of the two or more sources is highlighted as being associated with the first content information, wherein the two or more sources include two or more of a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television.

34. (New) The non-transitory computer-readable medium of claim 33, wherein the instructions further comprise:

identifying a user associated with the received indication;

retrieving one or more settings associated with the identified user;

retrieving, from memory, content information associated with the identified user; and

displaying, via the television, the retrieved content information in the global panel.

35. (New) The non-transitory computer-readable medium of claim 33, wherein the instructions further comprise:

identifying a user associated with the received indication;

retrieving, from memory, one or more settings associated with the identified user;

retrieving, from memory, content information associated with the identified user and the one or more settings associated with the user; and

displaying, via the television, the retrieved content information in the global panel.

36. (New) The non-transitory computer-readable medium of claim 33, wherein the instructions further comprise:

receiving a second indication associated with a selection by a user;

determining, based on the second indication, a source of content information to be displayed in the global panel based;

retrieving at least a portion of content information from the determined source; and

displaying, via the television, the content information associated with the determined source .

37. (New) The non-transitory computer-readable medium of claim 33, further comprising retrieving from memory a second content information for display in the global panel; and displaying, via the television, the retrieved first content information and the retrieved second content information in the global panel.

38. (New) The non-transitory computer-readable medium of claim 33, further comprising:

identifying at least one of a content source and a content information currently being displayed via a television;

selecting a panel type based on the identified at least one of content source and content information currently being displayed via the television;

retrieving, from memory, content information based on the selected panel type; and

displaying, via the television, the retrieved content information in the global panel based on the selected panel type.

39. (New) The non-transitory computer-readable medium of claim 38, wherein the instructions further comprise:

receiving a second indication associated with a selection by a user;

selecting a panel type based on the second indication;

retrieving, from memory, content information based on the selected panel type and the second indication; and

displaying, via the television, the retrieved content information in the global panel.

40. (New) The non-transitory computer-readable medium of claim 39, wherein the retrieved content information comprises information associated with content information marked as favorite.

41. (New) The non-transitory computer-readable medium of claim 39, wherein the retrieved content information comprises information associated with content information recently viewed.

42. (New) The non-transitory computer-readable medium of claim 39, wherein the retrieved content information comprises information associated with content information marked as favorite and further comprises information associated with content information recently viewed.

43. (New) A system for displaying content on a television, comprising:

an input device associated with the television;

a memory; and

a microprocessor operable to:

receive an indication associated with a selection by a user;

determine, based on the received indication, a global panel to display via the television;

retrieve from the memory, a first content information for display in the global panel; and

display, via the television, the retrieved content information in the global panel, wherein the global panel includes a list of two or more source of content for the intelligent television, and wherein at least one of the two or more sources is highlighted as being associated with the first content information, wherein the two or more sources include two or more of a live television source, a video on demand source, a media center source, an applications source, and an electrical input associated with the television.

44. (New) The system of claim 43, wherein the microprocessor is further operable to:

identify at least one of a content source and a content information currently being displayed via a television;

select a panel type based on the identified at least one of content source and content information currently being displayed via the television;

retrieve, from the memory, content information based on the selected panel type; and

display, via the television, the retrieved content information in the global panel based on the selected panel type.

REMARKS/ARGUMENTS

By this amendment, claims 1-22 are cancelled without prejudice or disclaimer and new claims 23-44 have been added. Therefore, claims 23-44 are present for examination. The amendments to the specification only update the cross-reference paragraph to the specification, therefore no substitute specification is required (1300 OG 69).

Applicant believes that the pending claims are in condition for allowance and such disposition is respectfully requested. In the event that a telephone conversation would further prosecution and/or expedite allowance, the Examiner is invited to contact the undersigned.

No fees for extensions of time are believed to be due. However, if this is in error, please debit any underpayment for any extension of time to Deposit Account No. 19-1970.

Respectfully submitted,

SHERIDAN ROSS P.C.

By: /Tadd F. Wilson/
Tadd F. Wilson
Registration No. 54,544
1560 Broadway, Suite 1200
Denver, Colorado 80202-5141
(303) 863-9700

Date: August 24, 2015

Doc Code: PA..

Document Description: Power of Attorney

PTO/AIA/82A (07-12)

Approved for use through 11/30/2014. OMB 0651-0035

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 displays a valid OMB control number.

TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B or equivalent) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5. If the Power of Attorney by Applicant form is not accompanied by this transmittal form or an equivalent, the Power of Attorney will not be recognized in the application.

Application Number	
Filing Date	August 24, 2015
First Named Inventor	Mohammed Selim
Title	Global Panel
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	6583-481-CON

SIGNATURE of Applicant or Patent Practitioner

Signature	/Tadd F. Wilson/	Date	2015-08-24
Name	Tadd F. Wilson	Telephone	303-863-9700
Registration Number	54544		

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications.

■ *Total of 2 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. 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 3 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.

Doc Code: PA..

Document Description: Power of Attorney

PTO/AIA/82B(07-12)
Approved for use through 11/30/2014. OMB 0651-0035
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 displays a valid OMB control number.

POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in the attached transmittal letter.

☒ I hereby appoint Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A or equivalent):

111285

OR

☐ I hereby appoint Practitioner(s) named below as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A or equivalent):

Name	Registration Number	Name	Registration Number

Please recognize or change the correspondence address for the application identified in the attached transmittal letter to:

☒ The address associated with the above-mentioned Customer Number.

OR

☐ The address associated with Customer Number:

OR

☐ Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the Applicant:

☐ Inventor or Joint Inventor

☐ Legal Representative of a Deceased or Legally Incapacitated Inventor

☒ Assignee or Person to Whom the Inventor is Under an Obligation to Assign

☐ Person Who Otherwise Shows Sufficient Proprietary Interest (*e.g.*, a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document)

SIGNATURE of Applicant for Patent

Signature	Timothy L. Stewart	Date	03/26/2013
Name	Timothy L. Stewart	Telephone	408-576-7746
Title and Company	Secretary, Flextronics AP, LLC		

NOTE. Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms for more than one signature, see below *

☐ *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. 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 3 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.

Electronic Acknowledgement Receipt

EFS ID:	23297886
Application Number:	14834316
International Application Number:	
Confirmation Number:	1082
Title of Invention:	GLOBAL PANEL
First Named Inventor/Applicant Name:	Mohammed Selim
Customer Number:	111285
Filer:	Tadd Fjelp Wilson/Amy Duarte
Filer Authorized By:	Tadd Fjelp Wilson
Attorney Docket Number:	6583-481-CON
Receipt Date:	24-AUG-2015
Filing Date:	
Time Stamp:	20:18:36
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	6583-481-CON_ADS.pdf	1821709 1bd3a3296d3378322467a7f635baef456a81e674	no	16

Warnings:	
Information:	

2		6583-481-CON_Application.pdf	298965 2fbb25d5c2ebf4758ddb025c62ce677d80deb81f	yes	60

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Specification	1	54
	Claims	55	59
	Abstract	60	60

Warnings:

Information:

3	Drawings-only black and white line drawings	6583-481-CON_Drawings.pdf	2202955 c9a723fe37cd54ea1f8856322e077a23b91e079f	no	34

Warnings:

Information:

4	Oath or Declaration filed	6583-481_Executed_Declarations.pdf	529824 f60f293b66fa7fc7edfb284746646e8108bcb49b	no	4

Warnings:

Information:

5		AmendPrelim_01.pdf	196350 c538621e2032251e6ed82c7a06e6c67e2b543088	yes	10

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Preliminary Amendment	1	1
	Specification	2	3
	Claims	4	9
	Applicant Arguments/Remarks Made in an Amendment	10	10

Warnings:

Information:

6	Power of Attorney	FlexAP_GenPOA.pdf	440604 6f2f3093f76264c2058993f78653f11d031302b3	no	2

Warnings:

Information:

Total Files Size (in bytes):	5490407

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.

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

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.
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.

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.)

Inventor Information:

Inventor 1 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Mohammed		Selim	

Residence Information (Select One) ○ US Residency ◉ Non US Residency ○ Active US Military Service

City	Oakville	Country of Residence [i]	CA

Mailing Address of Inventor:

Address 1	2488 Oakhaven Drive		
Address 2			
City	Oakville	**State/Province**	ON
Postal Code	L6M 4B9	**Country** [i]	CA

Inventor 2 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Sanjiv		Sirpal	

Residence Information (Select One) ○ US Residency ◉ Non US Residency ○ Active US Military Service

City	Oakville	Country of Residence [i]	CA

Mailing Address of Inventor:

Address 1	3264 Stocksbridge Avenue		
Address 2			
City	Oakville	**State/Province**	ON
Postal Code	L6M 0E3	**Country** [i]	CA

Inventor 3 Remove

Legal Name

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Prefix	Given Name	Middle Name	Family Name	Suffix
	Fuqu	Correia	Wu	

Residence Information (Select One) ◯ US Residency ◉ Non US Residency ◯ Active US Military Service

City	Burlington	Country of Residence [i]	CA

Mailing Address of Inventor:

Address 1	5653 Roseville Ct.		
Address 2			
City	Burlington	**State/Province**	ON
Postal Code	L7L 6V4	**Country** [i]	CA

Inventor 4 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Salvador		Soto	

Residence Information (Select One) ◯ US Residency ◉ Non US Residency ◯ Active US Military Service

City	Toronto	Country of Residence [i]	CA

Mailing Address of Inventor:

Address 1	3902-25 Capreol Court		
Address 2			
City	Toronto	**State/Province**	ON
Postal Code	M5V 3Z7	**Country** [i]	CA

All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the **Add** button. Add

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

☐ **An Address is being provided for the correspondence Information of this application.**

Customer Number	111285		
Email Address	flexpatents@sheridanross.com	Add Email	Remove Email

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Information:

Title of the Invention	GLOBAL PANEL		
Attorney Docket Number	6583-481-CON	**Small Entity Status Claimed** ☐	
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	34	**Suggested Figure for Publication (if any)**	

Filing By Reference :

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☐ **Request Not to Publish.** 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 **has not and will not** be 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).
Either enter 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:	◉ Customer Number	○ US Patent Practitioner	○ Limited Recognition (37 CFR 11.9)
Customer Number	111285		

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(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.
When referring to the current application, please leave the application number blank.

Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	13/970374	2013-08-19
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/684672	2012-08-17
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/702650	2012-09-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/697710	2012-09-06
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/700182	2012-09-12
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/736692	2012-12-13
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/798821	2013-03-15
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/804942	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/804998	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/804971	2013-03-25
Prior Application Status	Expired		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/804990	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/805003	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/805053	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/805030	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/805027	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/805042	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970374	Claims benefit of provisional	61/805038	2013-03-25
Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	13/968665	2013-08-16
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/684672	2012-08-17
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/702650	2012-09-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/697710	2012-09-06
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/700182	2012-09-12
Prior Application Status	Expired		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/736692	2012-12-13
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/798821	2013-03-15
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/804942	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/804998	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/804971	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/804990	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/805003	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/805053	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/805030	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/805027	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/805042	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/968665	Claims benefit of provisional	61/805038	2013-03-25
Prior Application Status	Pending		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	13/969179	2013-08-16
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/684672	2012-08-17
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/702650	2012-09-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/697710	2012-09-06
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/700182	2012-09-12
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/736692	2012-12-13
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/798821	2013-03-15
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/804942	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/804998	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/804971	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/804990	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/805003	2013-03-25
Prior Application Status	Expired		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/805053	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/805030	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/805027	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/805042	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969179	Claims benefit of provisional	61/805038	2013-03-25
Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	13/969588	2013-08-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/684672	2012-08-17
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/702650	2012-09-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/697710	2012-09-06
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/700182	2012-09-12
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/736692	2012-12-13
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/798821	2013-03-15
Prior Application Status	Expired		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/804942	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/804998	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/804971	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/804990	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/805003	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/805053	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/805030	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/805027	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/805042	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/969588	Claims benefit of provisional	61/805038	2013-03-25
Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	13/970355	2013-08-19
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/684672	2012-08-17
Prior Application Status	Expired		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/702650	2012-09-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/697710	2012-09-06
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/700182	2012-09-12
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/736692	2012-12-13
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/798821	2013-03-15
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/804942	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/804998	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/804971	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/804990	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/805003	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/805053	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/805030	2013-03-25
Prior Application Status	Expired		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/805027	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/805042	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
13/970355	Claims benefit of provisional	61/805038	2013-03-25
Prior Application Status	Pending		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	Continuation of	14/418969	2015-02-02
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
14/418969	a 371 of international	PCT/US2013/036826	2013-04-16
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/684672	2012-08-17
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/697710	2012-09-06
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/700182	2012-09-12
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/702650	2012-09-18
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/736692	2012-12-13
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/798821	2013-03-15
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/805027	2013-03-25
Prior Application Status	Expired		Remove

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/805038	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/804971	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/804942	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/805030	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/804998	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/805003	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/805042	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/805053	2013-03-25
Prior Application Status	Expired		Remove
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
PCT/US2013/036826	Claims benefit of provisional	61/804990	2013-03-25
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the **Add** button.			Add

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. 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. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX) the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Application Number	Country [i]	Filing Date (YYYY-MM-DD)	Remove Access Code[i] (if applicable)

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button. Add

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

☒ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.
NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Authorization to Permit Access:

☐ Authorization to Permit Access to the Instant Application by the Participating Offices

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the instant patent application is filed access to the instant patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the instant patent application is filed to have access to the instant patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the instant patent application with respect to: 1) the instant patent application-as-filed; 2) any foreign application to which the instant patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the instant patent application; and 3) any U.S. application-as-filed from which benefit is sought in the instant patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date o f filing this Authorization.

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Applicant 1 Remove

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Clear

◉ Assignee	○ Legal Representative under 35 U.S.C. 117	○ Joint Inventor
○ Person to whom the inventor is obligated to assign.	○ Person who shows sufficient proprietary interest	

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor :

If the Applicant is an Organization check here. ☒

Organization Name	Flextronics AP, LLC		
Mailing Address Information For Applicant:			
Address 1	6201 America Center Drive		
Address 2			
City	San Jose	**State/Province**	CA
Country [i]	US	Postal Code	95002
Phone Number		Fax Number	
Email Address			

Additional Applicant Data may be generated within this form by selecting the Add button. Add

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not subsitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Assignee 1

Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication . An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.

Remove

If the Assignee or Non-Applicant Assignee is an Organization check here. ☐

PTO/AIA/14 (07-14)
Approved for use through 04/30/2017. OMB 0651-0032
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.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	6583-481-CON
	Application Number	
Title of Invention	GLOBAL PANEL	

Prefix	**Given Name**	Middle Name	**Family Name**	Suffix

Mailing Address Information For Assignee including Non-Applicant Assignee:

Address 1			
Address 2			
City		**State/Province**	
Country i		Postal Code	
Phone Number		Fax Number	
Email Address			

Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button. Add

Signature:

Remove

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Signature	/Tadd F. Wilson/			Date (YYYY-MM-DD)	2015-08-24
First Name	Tadd F.	Last Name	Wilson	Registration Number	54544

Additional Signature may be generated within this form by selecting the Add button. Add

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 C o o p eration 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.

GLOBAL PANEL

CROSS REFERENCE TO RELATED APPLICATION

[0001] The present application claims the benefits of and priority, under 35 U.S.C. § 119(e), to U.S. Provisional Application Serial Nos. 61/684,672 filed August 17, 2012, "Smart TV"; 61/702,650 filed September 18, 2012, "Smart TV"; 61/697,710 filed September 6, 2012, "Social TV"; 61/700,182 filed September 12, 2012, "Social TV Roadmap"; 61/736,692 filed December 13, 2012, "SmartTV"; 61/798,821 filed March 15, 2013, "SmartTV"; 61/804,942 filed March 25, 2013, "SmartTV"; 61/804,998 filed March 25, 2013, "SmartTV"; 61/804,971 filed March 25, 2013, "SmartTV"; 61/804,990 filed March 25, 2013, "SmartTV"; 61/805,003 filed March 25, 2013, "SmartTV"; 61/805,053 filed March 25, 2013, "SmartTV"; 61/805,030 filed March 25, 2013, "SmartTV"; 61/805,027 filed March 25, 2013, "SmartTV"; 61/805,042 filed March 25, 2013, "SmartTV"; and 61/805,038 filed March 25, 2013, "SmartTV." Each of the aforementioned documents is incorporated herein by reference in their entirety for all that they teach and for all purposes.

BACKGROUND

[0002] Consolidation of device features or technological convergence is in an increasing trend. Technological convergence describes the tendency for different technological systems to evolve toward performing similar tasks. As people use more devices, the need to carry those devices, charge those devices, update software on those devices, etc. becomes more cumbersome. To compensate for these problems, technology companies have been integrating features from different devices into one or two multi-functional devices. For example, cellular phones are now capable of accessing the Internet, taking photographs, providing calendar functions, etc.

[0003] The consolidation trend is now affecting the design and functionality of devices generally used in the home. For example, audio receivers can access the Internet, digital video recorders can store or provide access to digital photographs, etc. The television in home audio/video systems remains a cornerstone device because the display function cannot be integrated into other devices. As such, consolidating home devices leads to integrating features and functionality into the television. The emergence of the Smart Television (Smart TV) is evidence of the trend to consolidate functionality into the television.

[0004] A Smart TV is generally conceived as a device that integrates access to the Internet and Web 2.0 features into television sets. The Smart TV represents the trend of technological convergence between computers and television sets. The Smart TV generally focuses on online interactive media, Internet TV, on-demand streaming media, and generally does not focus on traditional broadcast media. Unfortunately, most Smart TVs have yet to provide seamless and intuitive user interfaces for navigating and/or executing the various features of the Smart TV. As such, there are still issues with the consolidation of features and the presentation of these features in Smart TVs.

SUMMARY

[0005] There is a need for an Intelligent TV with intuitive user interfaces and with seamless user interaction capability. These and other needs are addressed by the various aspects, embodiments, and/or configurations of the present disclosure. Also, while the disclosure is presented in terms of exemplary embodiments, it should be appreciated that individual aspects of the disclosure can be separately claimed.

[0006] In various embodiments, the present disclosure relates to methods of displaying content on a television, comprising: receiving an indication associated with a selection by a user; determining, based on the received indication, a global panel to display via the television; retrieving from memory, a first content information for display in the global panel; and displaying, via the television, the retrieved content information in the specified global panel.

[0007] In some embodiments, the present disclosure relates to non-transitory computer readable information storage mediums having stored thereon instructions that cause a computing system to execute a method of displaying content on a television, comprising: receiving an indication associated with a selection by a user; determining, based on the received indication, a global panel to display via the television; retrieving from memory, a first content information for display in the global panel; and displaying, via the television, the retrieved content information in the specified global panel.

[0008] In further embodiments, the present disclosure relates to systems for displaying content on a television, comprising: an input device associated with the television; a memory; and a microprocessor operable to: receive an indication associated with a selection by a user; determine, based on the received indication, a global panel to display via the television; retrieve

from the memory, a first content information for display in the global panel; and display, via the television, the retrieved content information in the specified global panel.

[0009] The present disclosure can provide a number of advantages depending on the particular aspect, embodiment, and/or configuration. For example, the current disclosure provides a panel system that aides in the navigation of an intelligent television. For example, a multi-panel system is provided that satisfies the following: allows a user to watch a primary program while surfing the internet, checking social media, and checking a system error, etc. Moreover, information may be displayed in one content area that specifically depends on or contextually dependent on the primary program or active content area. The panel system allows for a same pattern of navigation—all resulting in a unified experience for a user. In another area, an application panel is provided that allows quick access to core functionality, provides an unobtrusive design which allows for the active media to always be in view, provides a consistent user experience across all applications, and provides focused contextual content.

[0010] Another advantage is easy navigation in on-demand programming and allowing for consumers' increased demand for multi-sourced content. Thus, the user interface is flexible, reliable, and consistent across different applications.

[0011] The global panel in on demand includes various views. The video on demand interaction framework is flexible so different content providers can populate the content into the views in video on demand by providing a back end data source. Most views in video on demand have multiple components; some components are mandatory and others are optional. Content providers can pick and choose the components that go into each view based on the structure and availability of their media content. Multiple variations allow the user a rich, elegant, and intelligent navigational experience.

[0012] The global panel provides customized information. The navigation pattern and content layout remains consistent. Key benefits of the global panel includes: quick access to core functionality, unobtrusive design allowing the active video to always be in view, consistent user experience, and focused contextual content.

[0013] As consumers are demanding more access to content, the trend of viewing live and on-demand programming accelerates. The panel system provides quick access to extended functionality while still maintaining visibility into the main content view. The panel system allows the user to continue watching a primary program while surfing, checking social media,

checking a system error, etc. The panel system is easy to navigate and contextually relevant, designed to provide quick access to extended functionality while still maintaining visibility into the main content view. These and other advantages will be apparent from the disclosure.

[0014] The phrases "at least one", "one or more", and "and/or" are open-ended expressions that are both conjunctive and disjunctive in operation. For example, each of the expressions "at least one of A, B and C", "at least one of A, B, or C", "one or more of A, B, and C", "one or more of A, B, or C" and "A, B, and/or C" means A alone, B alone, C alone, A and B together, A and C together, B and C together, or A, B and C together.

[0015] The term "a" or "an" entity refers to one or more of that entity. As such, the terms "a" (or "an"), "one or more" and "at least one" can be used interchangeably herein. It is also to be noted that the terms "comprising", "including", and "having" can be used interchangeably.

[0016] The term "automatic" and variations thereof, as used herein, refers to any process or operation done without material human input when the process or operation is performed. However, a process or operation can be automatic, even though performance of the process or operation uses material or immaterial human input, if the input is received before performance of the process or operation. Human input is deemed to be material if such input influences how the process or operation will be performed. Human input that consents to the performance of the process or operation is not deemed to be "material."

[0017] A "blog" (a blend of the term ***web log***) is a type of website or part of a website supposed to be updated with new content from time to time. Blogs are usually maintained by an individual with regular entries of commentary, descriptions of events, or other material such as graphics or video. Entries are commonly displayed in reverse-chronological order.

[0018] A "blogging service" is a blog-publishing service that allows private or multi-user blogs with time-stamped entries.

[0019] The term "cable TV" refers to a system of distributing television programs to subscribers via radio frequency (RF) signals transmitted through coaxial cables or light pulses through fiber-optic cables. This contrasts with traditional broadcast television (terrestrial television) in which the television signal is transmitted over the air by radio waves and received by a television antenna attached to the television.

[0020] The term "channel" or "television channel," as used herein, can be a physical or virtual channel over which a television station or television network is distributed. A physical cannel in

analog television can be an amount of bandwidth, typically 6, 7, or 8 MHz, that occupies a predetermine channel frequency. A virtual channel is a representation, in cable or satellite television, of a data stream for a particular television media provider (e.g., CDS, TNT, HBO, etc.).

[0021] The term "computer-readable medium," as used herein, refers to any tangible storage and/or transmission medium that participate in providing instructions to a processor for execution. Such a medium may take many forms, including but not limited to, non-volatile media, volatile media, and transmission media. Non-volatile media includes, for example, NVRAM, or magnetic or optical disks. Volatile media includes dynamic memory, such as main memory. Common *form*s of computer-readable media include, for example, a floppy disk, a flexible disk, hard disk, magnetic tape, or any other magnetic medium, magneto-optical medium, a CD-ROM, any other optical medium, punch cards, paper tape, any other physical medium with patterns of holes, a RAM, a PROM, and EPROM, a FLASH-EPROM, a solid state medium like a memory card, any other memory chip or cartridge, a carrier wave as described hereinafter, or any other medium from which a computer can read. A digital file attachment to e-mail or other self-contained information archive or set of archives is considered a distribution medium equivalent to a tangible storage medium. When the computer-readable media is configured as a database, it is to be understood that the database may be any type of database, such as relational, hierarchical, object-oriented, and/or the like. Accordingly, the disclosure is considered to include a tangible storage medium or distribution medium and prior art-recognized equivalents and successor media, in which the software implementations of the present disclosure are stored.

[0022] The term "enhanced television" (ETV) refers to a collection of specifications developed under the OpenCable project of CableLabs (Cable Television Laboratories, Inc.) that define an ETV Application consisting of resources (files) adhering to the Enhanced TV Binary Interchange Format (EBIF) content format as well as PNG images, JPEG images, and PFR downloadable fonts. An ETV application is normally delivered through an MPEG transport stream and accompanies an MPEG program containing video and audio elementary streams. An "ETV Application" is a collection of resources (files) that include one or more EBIF resources that represent viewable information in the form of pages. Two forms of a given ETV Application may be distinguished: (1) an interchange form and (2) an execution form. The interchange form of an ETV Application consists of the resources (files) that represent the compiled application

prior to its actual execution by an ETV User Agent. The execution form of an ETV Application consists of the stored, and possibly mutated forms of these resources while being decoded, presented, and executed by an ETV User Agent. An "ETV User Agent" is a software component that operates on a set-top box, a television, or any other computing environment capable of receiving, decoding, presenting, and processing an ETV Application. This component usually provides, along with its host hardware environment, one or more mechanisms for an end-user to navigate and interact with the multimedia content represented by ETV Applications.

[0023] The term "high-definition television" (HDTV) provides a resolution that is substantially higher than that of standard-definition television. HDTV may be transmitted in various formats, namely 1080p - 1920×1080p: 2,073,600 pixels (approximately 2.1 megapixels) per frame, 1080i (which is typically either 1920×1080i: 1,036,800 pixels (approximately 1 megapixel) per field or 2,073,600 pixels (approximately 2.1 megapixels) per frame or 1440×1080i:[1] 777,600 pixels (approximately 0.8 megapixels) per field or 1,555,200 pixels (approximately 1.6 megapixels) per frame), or 720p - 1280×720p: 921,600 pixels (approximately 0.9 megapixels) per frame. As will be appreciated, "frame size" in pixels is defined as number of horizontal pixels × number of vertical pixels, for example 1280 × 720 or 1920 × 1080. Often the number of horizontal pixels is implied from context and is omitted, as in the case of 720p and 1080p, "scanning system" is identified with the letter "p" for progressive scanning or "i" for interlaced scanning, and "frame rate" is identified as number of video frames per second. For interlaced systems an alternative form of specifying number of fields per second is often used. For purposes of this disclosure, "high-definition television" is deemed to include other high-definition analog or digital video formats, including ultra high definition television.

[0024] The term "internet television" (otherwise known as Internet TV, Online Television, or Online TV) is the digital distribution of television content via the Internet. It should not be confused with Web television - short programs or videos created by a wide variety of companies and individuals, or Internet protocol television (IPTV) - an emerging internet technology standard for use by television broadcasters. Internet Television is a general term that covers the delivery of television shows and other video content over the internet by video streaming technology, typically by major traditional television broadcasters. It does not describe a technology used to deliver content (see Internet protocol television). Internet television has become very popular through services such as RTÉ Player in Ireland; BBC iPlayer, 4oD, ITV

Player (also STV Player and UTV Player) and Demand Five in the United Kingdom; Hulu in the United States; Nederland 24 in the Netherlands; ABC iview and Australia Live TV in Australia; Tivibu in Turkey; and iWanTV! in the Philippines.

[0025] The term "internet protocol television" (IPTV) refers to a system through which television services are delivered using the Internet protocol suite over a packet-switched network such as the Internet, instead of being delivered through traditional terrestrial, satellite signal, and cable television formats. IPTV services may be classified into three main groups, namely live television, with or without interactivity related to the current TV show; time-shifted television: catch-up TV (replays a TV show that was broadcast hours or days ago), start-over TV (replays the current TV show from its beginning); and video on demand (VOD): browse a catalog of videos, not related to TV programming. IPTV is distinguished from Internet television by its on-going standardization process (e.g., European Telecommunications Standards Institute) and preferential deployment scenarios in subscriber-based telecommunications networks with high-speed access channels into end-user premises via set-top boxes or other customer-premises equipment.

[0026] The term "silo," as used herein, can be a logical representation of an input, source, or application. An input can be a device or devices (e.g., DVD, VCR, etc.) electrically connected to the television through a port (e.g., HDMI, video/audio inputs, etc.) or through a network (*e.g.*, LAN WAN, etc.). Rather than a device or devices, the input could be configured as an electrical or physical connection to one or more devices. A source, particularly a content source, can be a data service that provides content (e.g., a media center, a file system, etc.). An application can be a software service that provides a particular type of function (e.g., Live TV, Video on Demand, User Applications, photograph display, etc.). The silo, as a logical representation, can have an associated definition or property, such as a setting, feature, or other characteristic.

[0027] The term "panel," as used herein, can mean a user interface displayed in at least a portion of the display. The panel may be interactive (e.g., accepts user input) or informational (e.g., does not accept user input). A panel may be translucent whereby the panel obscures but does not mask the underlying content being displayed in the display. Panels may be provided in response to a user input from a button or remote control interface.

[0028] The term "screen," as used herein, refers to a physical structure that includes one or more hardware components that provide the device with the ability to render a user interface

and/or receive user input. A screen can encompass any combination of gesture capture region, a touch sensitive display, and/or a configurable area. The device can have one or more physical screens embedded in the hardware. However a screen may also include an external peripheral device that may be attached and detached from the device. In embodiments, multiple external devices may be attached to the device. For example, another screen may be included with a remote control unit that interfaces with the Intelligent TV.

[0029] The term "media" of "multimedia," as used herein, refers to content that may assume one of a combination of different content forms. Multimedia can include one or more of, but is not limited to, text, audio, still images, animation, video, or interactivity content forms.

[0030] The term "Intelligent TV," as used herein, refers to a television configured to provide one or more intuitive user interfaces and interactions based on a unique application platform and architecture. The Intelligent TV utilizes processing resources associated with the television to integrate Internet connectivity with parallel application functionality. This integration allows a user the ability to intuitively access various sources of media and content (e.g., Internet, over-the-top content, on-demand streaming media, over-the-air broadcast media, and/or other forms of information) via the Intelligent TV in a quick and efficient manner. Although the Intelligent TV disclosed herein may comprise one or more components of a "smart TV," it is an aspect of the Intelligent TV to provide expanded intuitive user interaction capability for navigating and executing the various features of the television. A "smart TV," sometimes referred to as a connected TV, or hybrid TV (not to be confused with IPTV, Internet TV, or with Web TV), describes a trend of integration of the Internet and Web 2.0 features into television sets and set-top boxes, as well as the technological convergence between computers and these television sets/set-top boxes. The smart TV devices have a higher focus on online interactive media, Internet TV, over-the-top content, as well as on-demand streaming media, and less focus on traditional broadcast media than traditional television sets and set-top boxes. As can be appreciated, the Intelligent TV encompasses a broader range of technology than that of the smart TV defined above.

[0031] The term "television" is a telecommunication medium, device (or set) or set of associated devices, programming, and/or transmission for transmitting and receiving moving images that can be monochrome (black-and-white) or colored, with or without accompanying sound. Different countries use one of the three main video standards for TVs, namely PAL,

NTSC or SECAM. Television is most commonly used for displaying broadcast television signals. The broadcast television system is typically disseminated via radio transmissions on designated channels in the 54–890 MHz frequency band. A common television set comprises multiple internal electronic circuits, including those for receiving and decoding broadcast signals. A visual display device which lacks a tuner is properly called a video monitor, rather than a television. A television may be different from other monitors or displays based on the distance maintained between the user and the television when the user watches the media and based on the inclusion of a tuner or other electronic circuit to receive the broadcast television signal.

[0032] The term "Live TV," as used herein, refers to a television production broadcast in real-time, as events happen, in the present.

[0033] The term "standard-definition television" (SDTV) is a television system that uses a resolution that is not considered to be either high-definition television (HDTV 720p and 1080p) or enhanced-definition television (EDTV 480p). The two common SDTV signal types are 576i, with 576 interlaced lines of resolution, derived from the European-developed PAL and SECAM systems; and 480i based on the American National Television System Committee NTSC system. In the US, digital SDTV is broadcast in the same 4:3 aspect ratio as NTSC signals. However, in other parts of the world that used the PAL or SECAM analog standards, standard-definition television is now usually shown with a 16:9 aspect ratio. Standards that support digital SDTV broadcast include DVB, ATSC and ISDB. Television signals are transmitted in digital form, and their pixels have a rectangular shape, as opposed to square pixels that are used in modern computer monitors and modern implementations of HDTV. The table below summarizes pixel aspect ratios for various kinds of SDTV video signal. Note that the actual image (be it 4:3 or 16:9) is always contained in the center 704 horizontal pixels of the digital frame, regardless of how many horizontal pixels (704 or 720) are used. In case of digital video signal having 720 horizontal pixels, only the center 704 pixels contain actual 4:3 or 16:9 image, and the 8 pixel wide stripes from either side are called nominal analogue blanking and should be discarded before displaying the image. Nominal analogue blanking should not be confused with overscan, as overscan areas are part of the actual 4:3 or 16:9 image.

[0034] The term "video on demand (VOD)," as used herein, refers to systems and processes which allow users to select and watch/listen to video or audio content on demand. VOD systems

may stream content, to view the content in real time, or download the content to a storage medium for viewing at a later time.

[0035] The term "satellite positioning system receiver" refers to a wireless receiver or transceiver to receive and/or send location signals from and/or to a satellite positioning system, such as the Global Positioning System ("GPS") (US), GLONASS (Russia), Galileo positioning system (EU), Compass navigation system (China), and Regional Navigational Satellite System (India).

[0036] The term "display," as used herein, refers to at least a portion of a screen used to display the output of the television to a user. A display may be a single-screen display or a multi-screen display, referred to as a composite display. A composite display can encompass the touch sensitive display of one or more screens. A single physical screen can include multiple displays that are managed as separate logical displays. Thus, different content can be displayed on the separate displays although part of the same physical screen.

[0037] The term "displayed image," as used herein, refers to an image produced on the display. A typical displayed image is a television broadcast or menu. The displayed image may occupy all or a portion of the display.

[0038] The term "display orientation," as used herein, refers to the way in which a rectangular display is oriented by a user for viewing. The two most common types of display orientation are portrait and landscape. In landscape mode, the display is oriented such that the width of the display is greater than the height of the display (such as a 4:3 ratio, which is 4 units wide and 3 units tall, or a 16:9 ratio, which is 16 units wide and 9 units tall). Stated differently, the longer dimension of the display is oriented substantially horizontal in landscape mode while the shorter dimension of the display is oriented substantially vertical. In the portrait mode, by contrast, the display is oriented such that the width of the display is less than the height of the display. Stated differently, the shorter dimension of the display is oriented substantially horizontal in the portrait mode while the longer dimension of the display is oriented substantially vertical.

[0039] The term "module," as used herein, refers to any known or later developed hardware, software, firmware, artificial intelligence, fuzzy logic, or combination of hardware and software that is capable of performing the functionality associated with that element.

[0040] The terms "determine," "calculate" and "compute," and variations thereof, as used herein, are used interchangeably and include any type of methodology, process, mathematical operation or technique.

[0041] The term "touch screen" or "touchscreen" refer to screen that can receive user contact or other tactile input, such as a stylus. The touch screen may sense user contact in a number of different ways, such as by a change in an electrical parameter (e.g., resistance or capacitance), acoustic wave variations, infrared radiation proximity detection, light variation detection, and the like. In a resistive touch screen, for example, normally separated conductive and resistive metallic layers in the screen pass an electrical current. When a user touches the screen, the two layers make contact in the contacted location, whereby a change in electrical field is noted and the coordinates of the contacted location calculated. In a capacitive touch screen, a capacitive layer stores electrical charge, which is discharged to the user upon contact with the touch screen, causing a decrease in the charge of the capacitive layer. The decrease is measured, and the contacted location coordinates determined. In a surface acoustic wave touch screen, an acoustic wave is transmitted through the screen, and the acoustic wave is disturbed by user contact. A receiving transducer detects the user contact instance and determines the contacted location coordinates.

[0042] The term "web television" is original television content produced for broadcast via the World Wide Web. Some major distributors of web television are YouTube, Myspace, Newgrounds, Blip.tv, and Crackle.

[0043] The terms "instant message" and "instant messaging" refer to a form of real-time text communication between two or more people, typically based on typed text.

[0044] The term "internet search engine" refers to a web search engine designed to search for information on the World Wide Web and FTP servers. The search results are generally presented in a list of results often referred to as SERPS, or "search engine results pages". The information may consist of web pages, images, information and other types of files. Some search engines also mine data available in databases or open directories. Web search engines work by storing information about many web pages, which they retrieve from the html itself. These pages are retrieved by a Web crawler (sometimes also known as a spider) — an automated Web browser which follows every link on the site. The contents of each page are then analyzed to determine how it should be indexed (for example, words are extracted from the titles, headings,

or special fields called meta tags). Data about web pages are stored in an index database for use in later queries. Some search engines, such as Google™, store all or part of the source page (referred to as a cache) as well as information about the web pages, whereas others, such as AltaVista™, store every word of every page they find.

[0045] The terms "online community", "e-community", or "virtual community" mean a group of people that primarily interact via a computer network, rather than face to face, for social, professional, educational or other purposes. The interaction can use a variety of media formats, including wikis, blogs, chat rooms, Internet forums, instant messaging, email, and other forms of electronic media. Many media formats are used in social software separately or in combination, including text-based chatrooms and forums that use voice, video text or avatars.

[0046] The term "remote control" refers to a component of an electronics device, most commonly a television set, DVD player and/or home theater system for operating the device wirelessly, typically from a short line-of-sight distance. Remote control normally uses infrared and/or radio frequency (RF) signaling and can include WiFi, wireless USB, Bluetooth™ connectivity, motion sensor enabled capabilities and/or voice control. A touchscreen remote control is a handheld remote control device which uses a touchscreen user interface to replace most of the hard, built-in physical buttons used in normal remote control devices.

[0047] The term "satellite TV" refers to television programming delivered by the means of communications satellites and received by an outdoor antenna, usually a parabolic reflector generally referred to as a satellite dish, and as far as household usage is concerned, a satellite receiver either in the form of an external set-top box or a satellite tuner module built into a TV set.

[0048] The term "social network service" is a service provider that builds online communities of people, who share interests and/or activities, or who are interested in exploring the interests and activities of others. Most social network services are web-based and provide a variety of ways for users to interact, such as e-mail and instant messaging services.

[0049] The term "social network" refers to a web-based social network.

[0050] The term "gesture" refers to a user action that expresses an intended idea, action, meaning, result, and/or outcome. The user action can include manipulating a device (e.g., opening or closing a device, changing a device orientation, moving a trackball or wheel, etc.), movement of a body part in relation to the device, movement of an implement or tool in relation

to the device, audio inputs, etc. A gesture may be made on a device (such as on the screen) or with the device to interact with the device.

[0051] The term "gesture capture" refers to a sense or otherwise a detection of an instance and/or type of user gesture. The gesture capture can occur in one or more areas of the screen. A gesture region can be on the display, where it may be referred to as a touch sensitive display or off the display where it may be referred to as a gesture capture area.

[0052] The term "electronic address" refers to any contactable address, including a telephone number, instant message handle, e-mail address, Universal Resource Locator (URL), Universal Resource Identifier (URI), Address of Record (AOR), electronic alias in a database, like addresses, and combinations thereof.

[0053] It shall be understood that the term "means," as used herein, shall be given its broadest possible interpretation in accordance with 35 U.S.C., Section 112(f). Accordingly, a claim incorporating the term "means" shall cover all structures, materials, or acts set forth herein, and all of the equivalents thereof. Further, the structures, materials or acts and the equivalents thereof shall include all those described in the summary of the invention, brief description of the drawings, detailed description, abstract, and claims themselves.

[0054] The preceding is a simplified summary of the disclosure to provide an understanding of some aspects of the disclosure. This summary is neither an extensive nor exhaustive overview of the disclosure and its various aspects, embodiments, and/or configurations. It is intended neither to identify key or critical elements of the disclosure nor to delineate the scope of the disclosure but to present selected concepts of the disclosure in a simplified form as an introduction to the more detailed description presented below. As will be appreciated, other aspects, embodiments, and/or configurations of the disclosure are possible utilizing, alone or in combination, one or more of the features set forth above or described in detail below.

BRIEF DESCRIPTION OF THE DRAWINGS

[0055] Fig. 1A includes a first view of an embodiment of an environment of an intelligent television;

[0056] Fig. 1B includes a second view of an embodiment of an environment of an intelligent television;

[0057] Fig. 2A includes a first view of an embodiment of an intelligent television;

[0058] Fig. 2B includes a second view of an embodiment of an intelligent television;

[0059] Fig. 2C includes a third view of an embodiment of an intelligent television;

[0060] Fig. 2D includes a fourth view of an embodiment of an intelligent television;

[0061] Fig. 3 is a block diagram of an embodiment of the hardware of an intelligent television;

[0062] Fig. 4 is a block diagram of an embodiment of the intelligent television software and/or firmware;

[0063] Fig. 5 is a second block diagram of an embodiment of the intelligent television software and/or firmware;

[0064] Fig. 6 is a third block diagram of an embodiment of the intelligent television software and/or firmware;

[0065] FIG. 7 is a plan view of an embodiment of a handheld remote control;

[0066] Fig. 8 is a side view of an embodiment of a remote control;

[0067] Fig. 9A is a bottom view of an embodiment of a remote control with a joystick in a neutral position;

[0068] Fig. 9B is a bottom view of an embodiment of a remote control with the joystick in a lower position;

[0069] Fig. 9C is a bottom view of an embodiment of a remote control with the joystick in an upper position;

[0070] Fig. 10 is a plan view of another embodiment of a handheld remote control;

[0071] Fig. 11A is a front view of an embodiment of an Intelligent TV screen;

[0072] Fig. 11B is a front view of an embodiment of an Intelligent TV screen;

[0073] Fig. 11C is a front view of an embodiment of an Intelligent TV screen;

[0074] Fig. 12 is a block diagram of an embodiment of a handheld remote control of either Fig. 7 or 10;

[0075] Fig. 13 is a block diagram of an embodiment of a content data service;

[0076] Fig. 14 is a first panel view of an embodiment of an intelligent television;

[0077] Fig. 15A-Fig. 15C illustrate layouts consistent with at least one embodiment of the present disclosure;

[0078] FIG. 16 is a visual representation of an embodiment of a global panel providing access to the silos;

[0079] FIG. 17 is a visual representation of an embodiment of a user interface presented when an edit application is starting;

[0080] FIG. 18 is a visual representation of an embodiment of a user interface presented when a content application is starting;

[0081] FIG. 19A is a visual representation of an embodiment of a user interface that is presented when a silo is in a first time experience state;

[0082] FIG. 19B is a visual representation of another embodiment of a user interface that is presented when a silo is in a first time experience state;

[0083] FIG. 19C is a visual representation of another embodiment of a user interface that is presented when a silo is in a first time experience state;

[0084] FIG. 20A is a visual representation of an embodiment of a user interface that is presented when a silo is in an error state;

[0085] FIG. 20B is a visual representation of another embodiment of a user interface that is presented when a silo is in an error state;

[0086] FIG. 20C is a visual representation of another embodiment of a user interface that is presented when a silo is in an error state;

[0087] FIG. 20D is a visual representation of another embodiment of a user interface that is presented when a silo is in an error state; and

[0088] Fig. 21 is a flow diagram depicting a global panel and panel type selection process in accordance with embodiments of the present disclosure.

[0089] In the appended figures, similar components and/or features may have the same reference label. Further, various components of the same type may be distinguished by following the reference label by a letter that distinguishes among the similar components. If only the first reference label is used in the specification, the description is applicable to any one of the similar components having the same first reference label irrespective of the second reference label.

DETAILED DESCRIPTION

[0090] Presented herein are embodiments of a device. The device can be a network-enabled telecommunications device, such as a television, an electronic visual display device, or other smart device. The device can include one or more screens, or sections of a screen, that are configured to receive and present information from a number of sources. Further, the device can receive user input in unique ways. The overall design and functionality of the device provides for an enhanced user experience making the device more useful and more efficient.

[0091] Intelligent Television (TV) Environment:

[0092] Referring to Figs. 1A and 1B, an Intelligent TV, or device, 100 is shown. It is anticipated that the Intelligent TV 100 may be used for entertainment, business applications, social interaction, content creation and/or consumption, and to organize and control one or more other devices that are in communication with the Intelligent TV 100. As can be appreciated, the Intelligent TV 100 can be used to enhance the user interactive experience whether at home or at work.

[0093] In some embodiments, the Intelligent TV 100 may be configured to receive and understand a variety of user and/or device inputs. For example, a user may interface with the Intelligent TV 100 via one or more physical or electrical controls, such as buttons, switches, touch sensitive screens/regions (e.g., capacitive touch, resistive touch, etc.), and/or other controls associated with the Intelligent TV 100. In some cases, the Intelligent TV 100 may include the one or more interactive controls. Additionally or alternatively, the one or more controls may be associated with a remote control. The remote control may communicate with the Intelligent TV 100 via wired and/or wireless signals. As can be appreciated, the remote control may operate via radio frequency (RF), infrared (IR), and/or a specific wireless communications protocol (e.g., Bluetooth™, Wi-Fi, etc.). In some cases, the controls, whether physical or electrical, may be configured (e.g., programmed) to suit a user's preferences.

[0094] Additionally or alternatively, smart phones, tablets, computers, laptops, netbooks, and other smart devices may be used to control the Intelligent TV 100. For example, control of the Intelligent TV 100 may be achieved via an application running on a smart device. The application may be configured to present a user with various Intelligent TV 100 controls in an intuitive user interface (UI) on a screen associated with the device 100. The screen may be a touch sensitive, or touch screen, display. Selections input by a user via the UI may be configured to control the Intelligent TV 100 by the application accessing one or more communication features associated with the smart device.

[0095] It is anticipated that the Intelligent TV 100 can receive input via various input devices including, but in no way limited to, video, audio, radio, light, tactile, and combinations thereof. Among other things, these input devices may be configured to allow the Intelligent TV 100 to see, recognize, and react to user gestures. For instance, a user may talk to the Intelligent TV 100 in a conversational manner. The Intelligent TV 100 may hear and understand voice commands

in a manner similar to a smart device's intelligent personal assistant and voice-controlled navigator application (e.g., Apple's Siri, Android's Skyvi, Robin, Iris, and other applications).

[0096] The Intelligent TV 100 may also be a communications device which can establish network connections 104 through many alternate means, including wired 108 or wireless 112 means, over cellular networks 116 to connect via cellular base antenna 142 to telephone networks operated by telephone company 146, and by using a telephone line 120 to connect to telephone networks operated by telephone company 146. These connections 104 enable the Intelligent TV 100 to access one or more communication networks 132. The communication networks may comprise any type of known communication medium or collection of communication media and may use any type of protocols to transport messages or signals between endpoints. The communication networks may include wired and/or wireless communication technologies. The Internet is an example of a communication network 132 that constitutes an Internet Protocol (IP) network consisting of many computers, computing networks, and other communication devices located all over the world, which are connected through many telephone systems and other means.

[0097] Other examples of the communication network 132 include, without limitation, a standard Plain Old Telephone System (POTS), an Integrated Services Digital Network (ISDN), the Public Switched Telephone Network (PSTN), a Local Area Network (LAN), a Wide Area Network (WAN), a cellular network, and any other type of packet-switched or circuit-switched network known in the art. In addition, it can be appreciated that the communication network 132 need not be limited to any one network type, and instead may be comprised of a number of different networks and/or network types.

[0098] In some embodiments, the Intelligent TV 100 may be equipped with multiple communication means. The multiple communication means may allow the Intelligent TV 100 to communicate across Local Area Networks (LANs) 124, wireless local area networks (WLANs) 128, and other networks 132. The networks 132 may be connected in a redundant manner to ensure network access. In other words, if one connection is interrupted, the intelligent TV 100 can use an alternate communications path to reestablish and/or maintain the network connection 104. Among other things, the Intelligent TV 100 may use these network connections 104 to send and receive information, interact with an electronic program guide (EPG) 136, receive software updates 140, contact customer service 144 (e.g., to receive help or service, etc.), and/or access

remotely stored digital media libraries 148. In addition, these connections can allow the Intelligent TV 100 to make phone calls, send and/or receive email messages, send and/or receive text messages (such as email and instant messages), surf the Internet using an internet search engine, post blogs by a blogging service, and connect/interact with social media sites and/or an online community (e.g., Facebook™, Twitter™, LinkedIn™, Pinterest™, Google+™, MySpace™, and the like) maintained by a social network service. In combination with other components of the Intelligent TV 100 described in more detail below, these network connections 104 also enable the Intelligent TV 100 to conduct video teleconferences, electronic meetings, and other communications. The Intelligent TV 100 may capture and store images and sound, using associated cameras, microphones, and other sensors. Additionally or alternatively, the Intelligent TV 100 may create and save screen shots of media, images, and data displayed on a screen associated with the Intelligent TV 100.

[0099] Further, as shown in Fig. 1B, the Intelligent TV 100 can interact with other electronic devices 168 by either by the wired 108 and/or wireless 112 connections. As described herein, components of the Intelligent TV 100 allow the device 100 to be connected to devices 168 including, but not limited to, DVD players 168a, BluRay players 168b, portable digital media devices 168c, smart phones 168d, tablet devices 168e, personal computers 168f, external cable boxes 168g, keyboards 168h, pointing devices 168i, printers 168j, game controllers and/or game pads 168k, satellite dishes 168l, external display devices 168m, and other universal serial bus (USB), local area network (LAN), Bluetooth™, or high-definition multimedia interface (HDMI) compliant devices, and/or wireless devices. When connected to an external cable box 168g or satellite dish 168l, the Intelligent TV 100 can access additional media content. Also, as further described below, the Intelligent TV 100 is capable of receiving digital and/or analog signals broadcast by TV stations. The Intelligent TV 100 can be configured as one or more of a standard-definition television, enhanced television, and high-definition television. It may operate as one or more of cable, Internet, Internet Protocol, satellite, web, and/or smart television. The Intelligent TV 100 may also be used to control the operation of, and may interface with, other smart components such as security systems 172, door/gate controllers 176, remote video cameras 180, lighting systems 184, thermostats 188, refrigerators 192, and other appliances.

[00100] Intelligent TV:

[00101] Figs. 2A-2D illustrate components of the Intelligent TV 100. In general, as shown by Fig. 2A, the Intelligent TV 100 can be supported by a removable base or stand 204 that is attached to a frame 208. The frame 208 surrounds edges of a display screen 212, leaving a front surface of the display screen 212 uncovered. The display screen 212 may comprise a Liquid Crystal Display (LCD) screen, a plasma screen, Light Emitting Diode (LED) screen, or other screen types. In embodiments, the entire front surface of the screen 212 may be touch sensitive and capable of receiving input by the user touching the front surface of the screen 212.

[00102] The Intelligent TV 100 may include integrated speakers 216 and at least one microphone 220. A first area of the frame 208 may comprise a horizontal gesture capture region 224 and second areas comprise vertical gesture capture regions 228. The gesture capture regions 224, 228 may comprise areas or regions that are capable of receiving input by recognizing gestures made by the user, and in some examples, without the need for the user to actually touch the screen 212 surface of the Intelligent TV 100. However, the gesture capture regions 224, 228 may not include pixels that can perform a display function or capability.

[00103] One or more image capture devices 232, such as a camera, can be included for capturing still and/or video images. The image capture device 232 can include or be associated with additional elements, such as a flash or other light source 236 and a range finding device 240 to assist focusing of the image capture device. In addition, the microphone 220, gesture capture regions 224, 228, image capture devices 232, and the range finding device 240 may be used by the Intelligent TV 100 to recognize individual users. Additionally or alternatively, the Intelligent TV 100 may learn and remember preferences associated with the individual users. In some embodiments, the learning and remembering (i.e., identifying and recalling stored information) may be associated with the recognition of a user.

[00104] An IR transmitter and receiver 244 may also be provided to connect the Intelligent TV 100 with a remote control device (not shown) or other IR devices. Additionally or alternatively, the remote control device may transmit wireless signals via RF, light, and/or a means other than IR. Also shown in Fig. 2A is an audio jack 248, which may be hidden behind a panel that is hinged or removable. The audio jack 248 accommodates a tip, ring, sleeve (TRS) connector, for example, to allow the user to utilize headphones, a headset, or other external audio equipment.

[00105] The Intelligent TV 100 can also include a number of buttons 252. For example, Fig. 2A illustrates the buttons 252 on the top of the Intelligent TV 100, although the buttons could be

placed at other locations. As shown, the Intelligent TV 100 includes six buttons 252a-f, which can be configured for specific inputs. For example, the first button 252a may be configured as an on/off button used to control overall system power to the Intelligent TV 100. The buttons 252 may be configured to, in combination or alone, control a number of aspects of the Intelligent TV 100. Some non-limiting examples include, but are not limited to, overall system volume, brightness, the image capture device, the microphone, and initiation/termination of a video conference. Instead of separate buttons, two of the buttons may be combined into a rocker button. This rocker button arrangement may be useful in situations where the buttons are configured to control features such as volume or brightness. In some embodiments, one or more of the buttons 252 are capable of supporting different user commands. By way of example, a normal press has a duration commonly of less than about 1 second and resembles a quick input. A medium press has a duration commonly of 1 second or more but less than about 12 seconds. A long press has a duration commonly of about 12 seconds or more. The function of the buttons is normally specific to the application that is active on the Intelligent TV 100. In the video conference application for instance and depending on the particular button, a normal, medium, or long press can mean end the video conference, increase or decrease the volume, increase a rate speed associated with a response to an input, and toggle microphone mute. Depending on the particular button, a normal, medium, or long press can also control the image capture device 232 to increase zoom, decrease zoom, take a photograph, or record video.

[00106] In support of communications functions or capabilities, the Intelligent TV 100 can include one or more shared or dedicated antennae 256 and wired broadband connections 260 as shown in Fig. 2B. The antennae 256 also enable the Intelligent TV 100 to receive digital and/or analog broadcast TV channels. The wired broadband connections 260 are, for example, a Digital Subscriber Line (DSL), an optical line, an Ethernet port, an IEEE 1394 interface, or other interfaces. The Intelligent TV 100 also has a telephone line jack 262 to further provide communications capability.

[00107] In addition to the removable base 204, the Intelligent TV 100 may include hardware and mounting points 264 on a rear surface to facilitate mounting the Intelligent TV 100 to a surface, such as a wall. In one example, the Intelligent TV 100 may incorporate at least one Video Equipment Standards Association (VESA) mounting interface for attaching the device 100 to the surface.

[00108] As shown in Fig. 2C, the Intelligent TV 100 may include docking interfaces or ports 268. The docking ports 268 may include proprietary or universal ports to support the interconnection of the Intelligent TV 100 to other devices or components, which may or may not include additional or different capabilities from those integral to the Intelligent TV 100. In addition to supporting an exchange of communication signals between the Intelligent TV 100 and a connected device or component, the docking ports 268 can support the supply of power to the connected device or component. The docking ports 268 can also comprise an intelligent element that comprises a docking module for controlling communications or other interactions between the Intelligent TV 100 and the connected device or component.

[00109] The Intelligent TV 100 also includes a number of card slots 272 and network or peripheral interface ports 276. The card slots 272 may accommodate different types of cards including subscriber identity modules (SIM), secure digital (SD) cards, MiniSD cards, flash memory cards, and other cards. Ports 276 in embodiments may include input/output (I/O) ports, such as universal serial bus (USB) ports, parallel ports, game ports, and high-definition multimedia interface (HDMI) connectors.

[00110] An audio/video (A/V) I/O module 280 can be included to provide audio to an interconnected speaker or other device, and to receive audio input from a connected microphone or other device. As an example, the audio input/output interface 280 may comprise an associated amplifier and analog-to-digital converter.

[00111] Hardware Features:

[00112] Fig. 3 illustrates components of a Intelligent TV 100 in accordance with embodiments of the present disclosure. In general, the Intelligent TV 100 includes a primary screen 304. Screen 304 can be a touch sensitive screen and can include different operative areas.

[00113] For example, a first operative area, within the screen 304, may comprise a display 310. In some embodiments, the display 310 may be touch sensitive. In general, the display 310 may comprise a full color, display.

[00114] A second area within the screen 304 may comprise a gesture capture region 320. The gesture capture region 320 may comprise an area or region that is outside of the display 310 area, and that is capable of receiving input, for example in the form of gestures provided by a user. However, the gesture capture region 320 does not include pixels that can perform a display function or capability.

[00115] A third region of the screen 304 may comprise a configurable area 312. The configurable area 312 is capable of receiving input and has display or limited display capabilities. In embodiments, the configurable area 312 may present different input options to the user. For example, the configurable area 312 may display buttons or other relatable items. Moreover, the identity of displayed buttons, or whether any buttons are displayed at all within the configurable area 312 of a screen 304, may be determined from the context in which the Intelligent TV 100 is used and/or operated.

[0100] In an exemplary touch sensitive screen 304 embodiment, the touch sensitive screen 304 comprises a liquid crystal display extending across at least those regions of the touch sensitive screen 304 that are capable of providing visual output to a user, and a capacitive input matrix over those regions of the touch sensitive screen 304 that are capable of receiving input from the user.

[0101] One or more display controllers 316 may be provided for controlling the operation of the screen 304. The display controller 316 may control the operation of the touch sensitive screen 304, including input (touch sensing) and output (display) functions. The display controller 316 may also control the operation of the screen 304 and may interface with other inputs, such as infrared and/or radio input signals (e.g., door/gate controllers, alarm system components, etc.). In accordance with still other embodiments, the functions of a display controller 316 may be incorporated into other components, such as a processor 364.

[0102] The processor 364 may comprise a general purpose programmable processor or controller for executing application programming or instructions. In accordance with at least some embodiments, the processor 364 may include multiple processor cores, and/or implement multiple virtual processors. In accordance with still other embodiments, the processor 364 may include multiple physical processors. As a particular example, the processor 364 may comprise a specially configured application specific integrated circuit (ASIC) or other integrated circuit, a digital signal processor, a controller, a hardwired electronic or logic circuit, a programmable logic device or gate array, a special purpose computer, or the like. The processor 364 generally functions to run programming code or instructions implementing various functions of the Intelligent TV 100.

[0103] In support of connectivity functions or capabilities, the Intelligent TV 100 can include a module for encoding/decoding and/or compression/decompression 366 for receiving and

managing digital television information. Encoding/decoding compression/decompression module 366 enables decompression and/or decoding of analog and/or digital information dispatched by a public television chain or in a private television network and received across antenna 324, I/O module 348, wireless connectivity module 328, and/or other wireless communications module 332. The television information may be sent to screen 304 and/or attached speakers receiving analog or digital reception signals. Any encoding/decoding and compression/decompression is performable on the basis of various formats (e.g., audio, video, and data). Encrypting module 368 is in communication with encoding/decoding compression/decompression module 366 and enables the confidentiality of all the data received or transmitted by the user or supplier.

[0104] In support of communications functions or capabilities, the Intelligent TV 100 can include a wireless connectivity module 328. As examples, the wireless connectivity module 328 can comprise a GSM, CDMA, FDMA and/or analog cellular telephony transceiver capable of supporting voice, multimedia and/or data transfers over a cellular network. Alternatively or in addition, the Intelligent TV 100 can include an additional or other wireless communications module 332. As examples, the other wireless communications module 332 can comprise a Wi-Fi, Blutooth™, WiMax, infrared, or other wireless communications link. The wireless connectivity module 328 and the other wireless communications module 332 can each be associated with a shared or a dedicated antenna 324 and a shared or dedicated I/O module 348.

[0105] An input/output module 348 and associated ports may be included to support communications over wired networks or links, for example with other communication devices, server devices, and/or peripheral devices. Examples of an input/output module 348 include an Ethernet port, a Universal Serial Bus (USB) port, Thunderbolt™ or Light Peak interface, Institute of Electrical and Electronics Engineers (IEEE) 1394 port, or other interface.

[0106] An audio input/output interface/device(s) 344 can be included to provide analog audio to an interconnected speaker or other device, and to receive analog audio input from a connected microphone or other device. As an example, the audio input/output interface/device(s) 344 may comprise an associated amplifier and analog-to-digital converter. Alternatively or in addition, the Intelligent TV 100 can include an integrated audio input/output device 356 and/or an audio jack for interconnecting an external speaker or microphone. For example, an integrated speaker and an integrated microphone can be provided, to support near talk or speaker phone operations.

[0107] A port interface 352 may be included. The port interface 352 may include proprietary or universal ports to support the interconnection of the device 100 to other devices or components, such as a dock, which may or may not include additional or different capabilities from those integral to the device 100. In addition to supporting an exchange of communication signals between the device 100 and another device or component, the docking port 136 and/or port interface 352 can support the supply of power to or from the device 100. The port interface 352 also comprises an intelligent element that comprises a docking module for controlling communications or other interactions between the Intelligent TV 100 and a connected device or component. The docking module may interface with software applications that allow for the remote control of other devices or components (e.g., media centers, media players, and computer systems).

[0108] An Intelligent TV 100 may also include memory 308 for use in connection with the execution of application programming or instructions by the processor 364, and for the temporary or long term storage of program instructions and/or data. As examples, the memory 308 may comprise RAM, DRAM, SDRAM, or other solid state memory. Alternatively or in addition, data storage 314 may be provided. Like the memory 308, the data storage 314 may comprise a solid state memory device or devices. Alternatively or in addition, the data storage 314 may comprise a hard disk drive or other random access memory.

[0109] Hardware buttons 358 can be included for example for use in connection with certain control operations. One or more image capture interfaces/devices 340, such as a camera, can be included for capturing still and/or video images. Alternatively or in addition, an image capture interface/device 340 can include a scanner, code reader, or motion sensor. An image capture interface/device 340 can include or be associated with additional elements, such as a flash or other light source. The image capture interfaces/devices 340 may interface with a user ID module 350 that assists in identifying users of the Intelligent TV 100.

[0110] The Intelligent TV 100 can also include a global positioning system (GPS) receiver 336. In accordance with embodiments of the present invention, the GPS receiver 336 may further comprise a GPS module that is capable of providing absolute location information to other components of the Intelligent TV 100. As will be appreciated, other satellite-positioning system receivers can be used in lieu of or in addition to GPS.

[0111] Power can be supplied to the components of the Intelligent TV 100 from a power source and/or power control module 360. The power control module 360 can, for example, include a battery, an AC-to-DC converter, power control logic, and/or ports for interconnecting the Intelligent TV 100 to an external source of power.

[0112] Communication between components of the Intelligent TV 100 is provided by bus 322. Bus 322 may comprise one or more physical buses for control, addressing, and/or data transmission. Bus 322 may be parallel, serial, a hybrid thereof, or other technology.

[0113] Firmware and Software:

[0114] An embodiment of the software system components and modules 400 is shown in Fig. 4. The software system 400 may comprise one or more layers including, but not limited to, an operating system kernel 404, one or more libraries 408, an application framework 412, and one or more applications 416. The one or more layers 404-416 can communicate with each other to perform functions for the Intelligent TV 100.

[0115] An operating system (OS) kernel 404 contains the primary functions that allow the software to interact with hardware associated with the Intelligent TV 100. Kernel 404 can include a collection of software that manages the computer hardware resources and provides services for other computer programs or software code. The operating system kernel 404 is the main component of the operating system and acts as an intermediary between the applications and data processing done with the hardware components. Part of the operating system kernel 404 can include one or more device drivers 420. A device driver 420 can be any code within the operating system that helps operate or control a device or hardware attached to or associated with the Intelligent TV. The driver 420 can include code for operating video, audio, and/or other multimedia components of the Intelligent TV 100. Examples of drivers include display, camera, flash, binder (IPC), keypad, WiFi, and audio drivers.

[0116] Library 408 can contain code or other components that may be accessed and implemented during the operation of the software system 400. The library 408 may contain one or more of, but is not limited to, an operating system runtime library 424, a TV services hardware abstraction layer (HAL) library 428, and/or a data service library 432. The OS runtime library 424 may contain the code required by the operating system kernel 404 or other operating system functions to be executed during the runtime of the software system 400. The library can include the code that is initiated during the running of the software system 400.

[0117] The TV services hardware abstraction layer library 428 can include code required by TV services either executed in the application framework 412 or an application 416. The TV services HAL library 428 is specific to the Intelligent TV 100 operations that control different functions of the Intelligent TV. The TV service HAL library 428 can also be formed from other types of application languages or embodiments of different types of code or formats for code beyond the hardware abstraction layer.

[0118] The data services library 432 can include the one or more components or codes to implement components for the data services function. The data services function can be implemented in the application framework 412 and/or applications layer 416. An embodiment of a function of the data services and the type of components that may be included is shown in Fig. 6.

[0119] The application framework 412 can include a general abstraction for providing functionality that can be selected by one or more applications 416 to provide specific application functions or software for those applications. Thus, the framework 412 can include one or more different services, or other applications, that can be accessed by the applications 416 to provide general functions across two or more applications. Such functions include, for example, management of one or more of windows or panels, surfaces, activities, content, and resources, The application framework 412 can include one or more, but is not limited to, TV services 434, TV services framework 440, TV resources 444, and user interface components 448.

[0120] The TV services framework 440 can provide an additional abstraction for different TV services. TV services framework 440 allows for the general access and function of services that are associated with the TV functionality. The TV services 436 are general services provided within the TV services framework 440 that can be accessed by applications in the applications layer 416. The TV resources 444 provide code for accessing TV resources 444 including any types of storage, video, audio, or other functionality provided with the Intelligent TV 100. The TV resources 444, TV services 436, and TV services framework 440 provide for the different implementations of TV functionality that may occur with the Intelligent TV 100.

[0121] One or more user interface components 448 can provide general components for display of the Intelligent TV 100. The user interface components 448 might be general components that may be accessed by different applications provided in the application

framework 412. The user interface components 448 may be accessed to provide for panels and silos as described in conjunction with Fig. 5.

[0122] The applications layer 416 can both contain and execute applications associated with the Intelligent TV 100. Applications layer 416 may include one or more of, but is not limited to, a live TV application 452, a video on demand application 456, a media center application 460, an application center application 464, and a user interface application 468. The live TV application 452 can provide live TV over different signal sources. For example, the live TV application 452 can provide TV from input from cable television, over air broadcasts, from satellite services, or other types of live TV services. Live TV application 452 may then present the multimedia presentation or video and audio presentation of the live television signal over the display of the Intelligent TV 100.

[0123] The video on demand application 456 can provide for video from different storage sources. Unlike Live TV application 452, video on demand 456 provides for display of videos that are accessed from some memory source. The sources of the video on demand can be associated with users or with the Intelligent TV or some other type of service. For example, the video on demand 456 may be provided from an iTunes library stored in a cloud, from a local disc storage that contains stored video programs, or from some other source.

[0124] The media center application 460 can provide applications for different types of media presentation. For example, the media center 460 can provide for displaying pictures or audio that is different from, but still accessible by the user and different from live TV or video on demand. The media center 460 allows for the access of different sources to obtain the media in the display of such media on the Intelligent TV 100.

[0125] The application center 464 allows for the provision, storage and use of applications. An application can be a game, a productivity application, or some other application generally associated with computer systems or other devices, but may be operated within the Intelligent TV. An application center 464 may obtain these applications from different sources, store them locally and then execute those types of applications for the user on the Intelligent TV 100.

[0126] User interface application 468 provides for the specific user interfaces associated with the Intelligent TV 100. These user interfaces can include the silos and panels that are described in Fig. 5. An embodiment of the user interface software 500 is shown in Fig. 5. Here the application framework 412 contains one or more code components which help control the user

interface events while one or more applications in the applications layer 416 affects the user interface use for the Intelligent TV 100. The application framework 412 can include a silo transition controller 504 and/or an input event dispatcher 508. There may be more or fewer code components in the application framework 412 than those shown in Fig. 5. The silo transition controller 504 contains the code and language that manages the transitions between one or more silos. A silo can be a vertical user interface feature on the Intelligent TV that contains information for user. The transition controller 504 can manage the changes between two silos when an event occurs in the user interface. The input event dispatcher 508 can receive user interface events that may be received from the operating system and provided to the input event dispatcher 508. These events can include selections of buttons on a remote control or on the TV or other types of user interface inputs. The input event dispatcher 508 may then send these events to a silo manager 532 or panel manager 536 depending on the type of the event. The silo transition controller 504 can interface with the silo manager 532 to affect changes in the silos.

[0127] The applications layer 416 can include a user interface application 468 and/or a silo application 512. The applications layer 416 can include more or fewer user interface applications as necessary to control the user interface of the Intelligent TV 100 than those shown in Fig. 5. The user interface application 468 can include a silo manager 532, a panel manager 536, and one or more types of panels 516-528. The silo manager 532 manages the display and/or features of silos. The silo manager 532 can receive or send information from the silo transition controller 504 or the input event dispatcher 508 to change the silos displayed and/or to determine types of input received in the silos.

[0128] A panel manager 536 is operable to display panels in the user interface to manage transitions between those panels or to affect user interface inputs received in the panel. The panel manager 536 may thus be in communication with different user interface panels such as a global panel 516, a volume panel 520, a settings panel 524, and/or a notification panel 528. The panel manager 536 can display these types of panels depending on the inputs received from the input event dispatcher 508. The global panel 516 may include information that is associated with the home screen or top level hierarchal information for the user. A volume panel 520 may display information about an audio volume control or other settings for volume. A settings panel 524 can include information displayed about the settings of the audio or video, or other settable characteristics of the Intelligent TV 100. A notification panel 528 can provide information about

notifications to a user. These notifications can be associated with information, such as, video on demand displays, favorites, currently provided programs, or other information. Notifications can be associated with the media or with some type of setting, or operation or the Intelligent TV 100. The panel manager 536 may be in communication with the panel controller 552 of the silo application 512.

[0129] The panel controller 552 may operate to control portions of the panels of the types described previously. Thus, the panel controller 552 may be in communication with a top panel application 540, an application panel 544, and/or bottom panel 548. These types of panels may be differently displayed in the user interface of the Intelligent TV 100. The panel control thus may be based on the configuration of the system or the type of display being used currently, put the types of panels 516-528 into a certain display orientation governed by the top panel application 540, application panel 544, or bottom panel application 548.

[0130] An embodiment of the data service 432 and the operation of the data management is shown in Fig. 6. The data management 600 can include one or more code components that are associated with different types of data. For example, there may be code components within the data service 432 that execute and are associated with video on demand, the electronic program guide, or media data. There may be more or fewer types of data service 432 components than those shown in Fig. 6. Each of the different types of data may include a data model 604-612. The data models govern what information is to be stored and how that information will be stored by the data service. Thus, the data model can govern regardless of where the data comes from, how the data will be received or managed within the Intelligent TV system. Thus, the data model 604, 608, and/or 612, can provide a translation ability or affect the ability to translate data from one form to another to be used by the Intelligent TV 100.

[0131] The different types of data services (video on demand, electronic programming guide, media) each have a data subservice 620, 624, and/or 628 that is in communication with one or more internal and/or external content providers 616. The data subservices 620, 624, and 628 that communicate with the content providers 616 to obtain data that may then be stored in databases 632, 636, and 640. The subservices 620, 624, and 628 may communicate with and initiate or enable one or more source plug-ins 644, 648, and 652 to communicate with the content provider. For each content provider 616, there may be a different source plug-in 644, 648, and 652. Thus, if there is more than one source of content for the data, each of the data subservices 620, 624,

and 628 may determine and then enable or initiate a different source plug-in 644, 648, and/or 652. The content providers 616 may also provide information to a resource arbitrator 656 and/or thumbnail cache manager 660. The resource arbitrator 656 may operate to communicate with resources 664 that are external to the data service 432. Thus, the resource arbitrator 656 may communicate with cloud based storage, network based storage, or other types of external storage in the resources 664. This information may then be provided through the content provider module 616 to the data subservices 620, 624, 628. Likewise, a thumbnail cache manager 660 may obtain thumbnail information from one of the data subservices 620, 624, 628 and store that information in the thumbnails database 668. Further, the thumbnail cache manager 660 may extract or retrieve that information from the thumbnails database 668 to provide to one of the data subservices 620, 624, 628.

[0132] An exemplary content aggregation architecture 1300 is shown in Fig. 13. The architecture can include a user interface layer 1304 and a content aggregation layer 1308. The user interface layer 1304 may include a TV application 1312, media player 1316, and application(s) 1320. The TV application 1312 enables the viewer to view channels received via an appropriate transmission medium, such as cable, satellite, and/or the Internet. The media player 1316 views other types of media received via an appropriate transmission medium, such as the Internet. The application(s) 1320 include other TV-related (pre-installed) applications, such as content viewing, content searching, device viewing, and setup algorithms, and coordinates with the media player 1316 to provide information to the viewer.

[0133] The content source layer 1308 includes, as data services, a content source service 1328, a content aggregation service 1332 and a content presentation service 1336. The content source service 1328 can manage content source investigators, including local and/or network file system(s), digital network device manager (which discovers handheld and non-handheld devices (e.g., digital media servers, players, renderers, controllers, printers, uploaders, downloaders, network connectivity functions, and interoperability units) by known techniques, such as a multicast universal plug and play or UPnP discovery techniques, and, for each discovered device, retrieves, parses, and encodes device descriptors, notifies the content source service of the newly discovered device, and provides information, such as an index, on previously discovered devices), Internet Protocol Television or IPTV, digital television or DTV (including high

definition and enhanced TV), third party services (such as those referenced above), and applications (such as Android applications).

[0134] Content source investigators can track content sources and are typically configured as binaries. The content source service 1328 starts content source investigators and maintains open and persistent channels for communications. The communications include query or command and response pairs. The content aggregation service 1332 can manage content metadata fetchers, such as for video, audio, and/or picture metadata. The content presentation service 1336 may provide interfaces to the content index 1340, such as an Android application interface and digital device interfaces.

[0135] The content source service 1328 can send and receive communications 1344 to and from the content aggregation service 1332. The communications can include notifications regarding new and removed digital devices and/or content and search queries and results. The content aggregation service 1332 can send and receive communications 1348 to and from the content presentation service 1336 including device and/or content lookup notifications, content-of-interest advisories and notifications, and search queries and results.

[0136] When a search is performed, particularly when the user is searching or browsing content, a user request may be received from the user interface layer 1300, by the content presentation service 1336, which responsively opens a socket and sends the request to the content aggregation service 1332. The content aggregation service 1332 first returns results from the local database 1340. The local database 1340 includes an index or data model and indexed metadata. The content source service 1328 further issues search and browse requests for all content source investigators and other data management systems. The results are forwarded to the content aggregation service 1332, which updates the database 1340 to reflect the further search results and provides the original content aggregation database search results and the data updates, reflecting the additional content source service search results, over the previously opened socket to the content presentation service 1336. The content presentation service 1336 then provides the results to one or more components in the user interface layer 1300 for presentation to the viewer. When the search session is over (e.g., the search session is terminated by the user or by an action associated with user), the user interface layer 1300 disconnects the socket. As shown, media can be provided directly by the content aggregation service 1332 to the media player 1316 for presentation to the user.

[0137] Remote Control:

[0138] A handheld remote control can be provided to enable user interaction with the Intelligent TV 100. An exemplary handheld remote control is shown in Figs. 7-9. The remote control 700 can include one or more of, but is not limited to, top, side and bottom housings 704, 708, and 712, an (on/off) power button 716, an input source button 720 (to select input source such as Live TV, video on demand, media center, application center, high definition multimedia interface or HDMI, component or COMP, audio/Video or A/V, digital or analog television or DTV/ATV, and video graphics array (VGA)), a (volume) mute button 724, a Live TV button 728 (to activate or select the Live TV silo), a video on demand (VOD) button 732 (to activate or select the video on demand silo), a media center button 736 (to activate or select the media center application or silo, which access various types of media such as music, TV programming, videos, and the like), an application center button 740 (to activate or select the application center application or silo), a global panel button 744, an application panel button 748, a back button 752 (to select a prior user operation or Intelligent TV state and/or navigate up a hierarchy of any displayed image or object(s) (in which case the back button 752 does not navigate within application panels or across application silos), a play button 756 (to play or pause media), a D-pad 760 (which includes north, east, west, and south directional arrows to navigate among displayed images and/or move between levels of an application's or object's hierarchy such as application view navigation, panel navigation, and collection navigation), an OK (or select) button 764 (to select a highlighted displayed image (such as displayed speed control, rewind, forward, play, and pause objects and/or objects on menu bar or in a menu box) and/or navigate down a hierarchy of any displayed image or object(s)), a rocker-type volume-up and volume-down button 768 (to adjust the volume), a menu/guide button 772 (to select for display a menu or guide of programming), a 0-9 (number) button 776 (to display a number pad on the TV screen), a settings button 780 (which launches an application to access current and change TV settings (such as channel settings and settings used to adjust picture and sound effects (e.g., image mode (e.g., standard, playground, game, cinema, concert, and studio), brightness, contrast, saturation, color temperature, energy savings, 3D noise reduction, hue, sharpness, zoom mode (e.g., full screen, standard, smart zoom, and dot-to-dot), picture position, 3D mode, for picture, and sound retrieval system or SRS TruSurround, sound mode (e.g., standard, live 1, live 2, theatre, music, speech, user equalizer mode, Left/Right speaker balance, auto volume control, Sony/Philips

Interconnect Format or S/PDIF (off, auto, pulse code modulation or PCM) for sound) and system settings (such as system (e.g., selected language for graphical user interface, user geographical and/or geopolitical location information, input method, area settings, and sleep time), network (e.g., WiFi, WiFi hotspot, WiFi direct, Point-to-Point Protocol over Ethernet or PPPoE (asymmetric digital subscriber line or ADSL), Ethernet) settings (e.g., enabled and disabled and selected and non-selected) and information (e.g., network information (e.g., electronic address such as Internet Protocol or IP address, subnet mask, gateway, domain name server information, domain name, Media Access Control or MAC address, service set identification or SSID, security information, and password information) and inline status), manage applications (e.g., currently installed applications, currently executing applications, and internal and external computer readable medium usage), and view user information regarding the Intelligent TV 100)), a rocker-type channel-up and channel-down button 784 (to increment or decrement the selected channel), and first, second, third and fourth hotkeys 788, 792, 794, and 796, and/or a moveable joystick 900 on a bottom of the remote control 700. The first, second, third, and fourth hotkeys are generally assigned different colors, which color indexing is depicted as visual indicia on a selected panel to show the currently assigned function, if any, for each hotkey. As can be seen, the actuator layout can provide a highly efficient, satisfactory, and easily usable experience to the end user.

[0139] Unlike the functional associations and functions of many of the actuators, those of some of the actuators are not readily apparent. A number of examples will now be discussed by way of illustration.

[0140] The media center button 736, when selected, can provide information regarding music, videos, photographs, collections or groupings of music, videos, and/or photographs, and internal and external computational devices (such as personal computers, laptops, tablet computers, wireless phones, removable computer readable media, and the like), which can be grouped in a selected manner (such as favorites, most recently viewed, most watched or viewed, and most recently added). The information can includes previews (which can include selected portions of the media content, duration, file size, date created, date last watched, times watched or viewed, and audio and/or video format information).

[0141] The application center button 740, when selected, may provide information regarding pre-installed and downloaded applications. Unlike downloaded applications, pre-installed

applications cannot be removed by the user or manually updated. Exemplary pre-installed applications include web browser, settings control, and content search algorithms. By way of illustration, the application center button 740 can provide a scrollable graphical grid of icons (each icon being associated with an application) currently available in the application center.

[0142] The global panel button 744, when selected, can provide the user, via one or more panels or windows, with access to one or more of, but not limited to, silos, notifications, a web browser, system settings, and/or information associated therewith. For example, the global panel button 744 can enable the user to determine what external devices are currently connected to and/or disconnected from the Intelligent TV 100, determine what inputs (e.g., HDMI ports) are currently available for connecting to external devices, determine a connection and/or operational status of a selected external device and/or network (e.g., WiFi connected, Ethernet connected, and offline), assign a custom (or user selected) name to each input source, determine what content is currently being offered on Live TV, on demand, the media center, and/or the application center, access vendor messages and notifications to the user (e.g., system and/or application updates are available), activate the Internet browser, and/or access shortcuts on a displayed shortcut bar to more frequently used and desired applications. Common shortcuts are Internet browser (e.g., Internet search engine), system settings, and notifications. The common types of panels are for information (which is typically information related to a currently displayed image and/or content (e.g., title, date/time, audio/visual indicator, rating, and genre), browse requests, and/or search requests (such as search term field)). Each of the panel types may include a panel navigation bar, detailed information or relevant content to the panel function, operation and/or purpose, and a hotkey bar (defining currently enabled functional associations of hotkeys).

[0143] The application panel button 748, when selected, can display an application window or panel. One application panel may be an information panel regarding a selected (pre-installed or previously downloaded) application icon. The information panel can one or more of identify the selected application, provide a description of the functionality (including application developer and/or vendor, version, release, and/or last update date and a category or type of application based on the application's functionality) and user ratings and/or degree of other user downloading of the application (e.g., a star rating assigned based on one or more of the foregoing inputs), provide the option to launch, remove, update, and add to favorites the identified

application, and provide a listing of selectable links of other (not yet downloaded) recommended applications that provide similar functionality to the identified application. The latter listing can, in turn, provide a description of the functionality (including application developer and/or vendor, version, release, and/or last update date and a category or type of application based on the application's functionality) and user ratings and/or degree of other user downloading of the application (e.g., a star rating assigned based on one or more of the foregoing inputs).

[0144] The functions of the first, second, third, and fourth hotkeys 788, 792, 794, and 796 can change depending on system state, context, and/or, within a selected screen and/or panel, based on a content or currently selected portion of (or relative cursor position on) the screen. Commonly, a currently assigned function of any of the first, second, third, and fourth hotkeys 788, 792, 794, and 796 depends on a currently accessed silo and/or panel (with which the user is currently interacting within the silo). In other words, a first function of one of the first, second, third, and fourth hotkeys 788, 792, 794, and 796 is activated by the respective hotkey in a first system state while a different second function is activated by the respective hotkey in a different second system state. In another example, a third function of one of the first, second, third, and fourth hotkeys 788, 792, 794, and 796 is activated by the respective hotkey when a user focus (or currently selected cursor position or screen portion) is at a first screen position while a different fourth function is activated by the respective hotkey when a user focus (or currently selected cursor position or screen portion) is at a different second screen position. The first screen position can, for instance, be within an icon while the second screen position is outside of the icon. Hotkey functionality that could be enabled when in the first screen position may be "configure" and "remove" and disabled is "add", and, when in the second position hotkey functionality enabled can be "add" and disabled is "configure" and "remove". Generally, the states of hotkeys can include normal (for enabled actions or functions), disabled (when an action or function is temporarily disabled), pressed (when selected by a user to command an action or function to be performed), and unavailable (when no association between the hotkey and an action or function is currently available). While examples of hotkey functions are discussed below, it is to be understood that these are not intended to be exhaustive or limiting examples.

[0145] The first hotkey 788, when selected in a first system state, can enable the user to assign, change, or edit a name of an input source. It is typically enabled only when the input source of HDMI, Comp/YPbPr (e.g., component video cables), video output, and VGA is in focus. When

selected in a second system state, the first hotkey 788 can return the user to a top of a scrollable collection of objects, such as application icons.

[0146] The second hotkey 792 may show all or less. In other words, the hotkey 792 can allow the user to show all inputs, including the unconnected/undetected ones and to hide the unconnected/undetected inputs, e.g., to expand and collapse the silo/input list. Each input source can have one of two states, namely connected/detected and unconnected/undetected. Some input sources, including Live TV, video on demand, media center, and application center are always connected/detected.

[0147] The moveable joystick 900 on the bottom of the remote control 700, when manipulated, can cause a displayed image on the Intelligent TV 100 screen to be displaced a proportional amount. In other words, the displayed image is displaced substantially simultaneously with displacement of the joystick 900 within the joystick aperture 904 in the bottom housing 712 of the remote control. As shown in Figs. 9B-C, the joystick 900 moves or slides between forward and reverse positions. Releasing the joystick 900 causes the joystick 900 to return to the center position of Fig. 9A, and the window to move or slide upwardly (when the joystick is released from the joystick position of Fig. 9B) or downwardly (when the joystick is released from the joystick position of Fig. 9C) until it disappears from view as shown in Fig. 11A . The effect on the screen of the Intelligent TV 100 is shown in Figs. 11A-C. In Fig. 11A, video content, such as TV programming, a video, movie, and the like, is being displayed by front surface of the screen 212. In Fig, 11B, the joystick 900 is moved or slid to the upper position of Fig. 9B, and a drop down window or panel 1100 moves or slides down (at the substantially the same rate of joystick 900 movement) at the top of the screen 212. In Fig, 11C, the joystick 900 is moved or slid to the lower position of Fig. 9C, and a drop up window or panel 1100 moves or slides up (at the substantially the same rate of joystick 900 movement) at the bottom of the screen 212. The window 1100 partially covers the video content appearing on the remainder of the screen 212 and/or causes a portion of the screen 212 displaying video content to move and/or compress up or down the height of the window 1100.

[0148] The window 1100 can include one or more of information (which is typically information related to a currently displayed image and/or content (e.g., panel navigation bar, detailed information (e.g., title, date/time, audio/visual indicator, rating, and genre), and hotkey bar (defining current functional associations of hotkeys)), browse requests, and/or search

requests. Commonly, the window 1100 includes suitable information about the content (such as name, duration, and/or remaining viewing duration of content), settings information, TV or system control information, application (activation) icons (such as for pre-installed and/or downloaded applications such as application center, media center and Web browser), and/or information about input source(s), When the joystick 900 is in either the forward or reverse position, the user can select an actuator on the front of the remote control, such as the OK button 764, and be taken, by displayed images on the screen 212, to another location in the user interface, such as a desktop. This process can be done in an nonintrusive manner and without affecting the flow of content that is pushed up or down. The joystick 900 could be moved, additionally or differently, from side-to-side to cause the window to appear at the left or right edge of the screen 212.

[0149] An alternative actuator configuration is shown in Fig. 10. The actuators are substantially the same as those of Figs. 7-9 except that the social network button 1000, when selected, can automatically select content and publish, via a social network service or other social media, the content to a social network or online community. User or viewer comments and/or other messages can be included in the outbound message. For example, all or one or frames or portions of media content (such as a video, music, a photograph, a picture, or text) can be provided automatically to a predetermined or selected group of people via Linked-In™, Myspace™, Twitter™, YouTube™, DailyMotion™, Facebook™, Google+™, or Second Life™. The user, upon activating the button 1000 could, in response, select a social forum or media upon which the selected content (which is the content displayed to the user when the social network button 1000 is activated) is to be posted and/or a predetermined group within that social media to which the content is to be posted. Alternatively, these selections could be preconfigured or preselected by the user.

[0150] The social network button can also be used to "turn up" or "turn down" a social volume visualization. The Intelligent TV 100 can create dynamically a visualization of aggregated connections (and inbound and/or outbound messages) from a variety of social networks. The aggregation (and inbound and outbound messages) can be depicted graphically on the screen as a volume of connections to influence the viewer user. With a social volume visualization, selected contents of each linked social network profile of a social contact (and inbound and/or outbound messages from or to the linked social network contact and/or current activity of the social contact

(such as watching the same programming or content the viewer is currently watching) can be presented in a separate tile (or visually displayed object). The size of the tile can be related to any number of criteria, including a relationship of the linked social contact (e.g., a relative degree of importance or type of relationship can determine the relative size of the tile, a degree of influence of the linked social contact to the current viewer, a geographic proximity of the linked social contact to the current viewer, a degree to which the currently provided media content is of interest to both the viewer and linked social contact (e.g., both parties enjoy war movies, murder mysteries, musicals, comedies, and the like), an assigned ranking of the linked viewer by the viewer, a type of social network type linking the viewer with the linked social contact, a current activity of the social network contact (e.g., currently watching the same content that the viewer is currently watching), a current online or offline status of the linked social contact, and a social network grouping type or category to which both the viewer and linked social contact belong (e.g., work contact, best friend, family member, etc.).

[0151] The viewer can designate a portion of the screen to depict the social network aggregation. By turning the social volume up (+) or down (-), the viewer can increase the size and/or numbers of linked contact tiles provided to the viewer. In other words, by increasing the social volume the viewer can view, access, and/or push more social content from those of his or her social networks associated with him or her in a memory of the Intelligent TV. By decreasing the social volume, the viewer can view, access, and/or push less social content from his or her associated social networks. By selecting the mute button 724, the viewer can stop or pause any interactivity with his or her associated social networks (e.g., inbound or outbound messages). Social volume and/or mute can be separated into two (or more) volume settings for outbound and inbound social network activity. By way of illustration, a first volume setting, control, and/or button can control the volume for outbound social network activity (e.g., outbound social messages) while a second (different) volume setting, control, and/or button can control the volume for inbound social network activity (e.g., inbound social messages). By way of further illustration, a first mute setting, control, and/or button can stop or pause outbound social network activity (e.g., outbound social messages) while a second (different) mute setting, control, and/or button can stop or pause inbound social network activity (e.g., inbound social messages).

[0152] A functional block diagram of the remote control is shown in Fig. 12. The remote control 700 includes a controller 1208 to control and supervise remote control operations,

optional wireless (RF) transceiver 1224 and antenna 1244 to send and receive wireless signals to and from the Intelligent TV 100 and other external components, optional infrared emitter 1228 to emit infrared signals to the Intelligent TV 100, optional light emitting diode or LED driver 1232 to control LED operation to provide video-enabled feedback to the user, actuators 1220 (including the various buttons and other actuators discussed above in connection with Figs. 7 and 10), and joystick 900, all interconnected via a bus 1248. An on board power source 1200 and power management module 1204 provide power to each of these components via power circuitry 1240. The infrared emitter 1228 and receiver (not shown) on the Intelligent TV system 100 can be used to determine a displayed object illuminated by the infrared signal and therefore adjust the displayed image, for example to indicate a focus of the user (e.g., illuminate a displayed object or show cursor position relative to displayed objects on the screen) and to determine and activate a desired command of the user. This can be done by tracking a position of the remote control in relation to infrared tracking reference points (e.g., a sensor bar or infrared LED's) positioned on or adjacent to the screen of the Intelligent TV 100. Motion tracking can further be augmented using position information received from a multi-axis gyroscope and/or accelerometer on board the remote control (not shown).

[0153] Referring now to Fig. 14, a panel configuration in accordance with embodiments of the present disclosure is illustrated. As previously discussed, the panel manager 536 is operable to display panels in the user interface to manage transitions between those panels or to affect user interface inputs received in the panel. The panel manager 536 may thus be in communication with different user interface panels such as a global panel 516, a volume panel 520, a settings panel 524, an applicant panel 544 and/or a notification panel 528. The panel manager 536 can display these types of panels depending on the inputs received from the input event dispatcher 508. The panel system is designed to provide a quick access to extended functionality while still maintaining visibility into the main content view.

[0154] As illustrated in Fig. 14, an intelligent TV 100 may display a global panel 1404, active content view 1408, and the application panel 1412. The global panel 1404 may be the same or similar to global panel 516. The global panel 1404 may include information that is associated with the home screen or top level hierarchal information for the user. For instance, global panel 1404 may be used to contain and access functionality that exists at a system level; this functionality may be completely independent of the currently viewed content. The global panel

1404 may be displayed in such a manner as to not disrupt the content view area 1404; that is, the global panel 1404 may be displayed in such a manner as to provide a user the ability to view content displayed in the content view area 1408. For example, the global panel 1404 may be translucent in nature such that the content displayed in the content view area 1408 is displayed (i.e. still viewable to a user), behind the global panel 1404. The global panel 1404 may provide a consistent access to high level actions across all applications, an anchor for all views, a unified experience, and further may follow the same pattern as the application panel 1412. Moreover, and as previously discussed, global panel 1404 may be displayed by the intelligent TV 100 such that the active content in the content view area 1408 is always in view. In some embodiments, the global panel 1404 and the contents of the global panel 1404 may depend on the user; that is, the global panel 1404 may be specific to one or more users. Therefore, the global panel 1404 may also be thought of as a home panel.

[0155] Referring now to Fig. 15A, a global panel configuration in accordance with embodiments of the present disclosure is depicted. Specifically, intelligent TV 100 may display a global panel 1404 such that the global panel 1404 appears on the left side of the intelligent TV 100. However, intelligent TV 100 is not limited to displaying the global panel 1404 on the left; in some embodiments and consistent with the present disclosure, the global panel 1404 may be displayed on the right side of intelligent TV 100, near the top side of intelligent TV 100, near the bottom of intelligent TV 100, and also in the center of intelligent TV 100. Moreover, the intelligent TV 100 may display content in active content area 1408.

[0156] Referring now to Fig. 15B, a detailed global panel 1404 configuration of Fig. 15A is illustrated in accordance with embodiments of the present disclosure. The global panel 1404 may include time information 1506 and network information 1508. The time information 1506 may include, but is not limited to, the current time, the date in various formats including the day of the week,, the year, the month, the day of the month, the time zone, and various times in different times zones, among others. The time information 1506 may be displayed in various formats, and may be customizable. The network information 1508 may indicate a network status and connection to a user. The network information 1508 can include other information, such as the name of the network or a strength of the network signal. The network status may include states of the network, including wifi connected, Ethernet connected, and offline, among others. The network status may use visual representations of the network information to convey the

information to the user. In various embodiments, the time information 1506 and/or the network information 1508 cannot receive a user focus.

[0157] The global panel 1404 may include one or more sources represented by icons and text, or shortcuts, 1504A-E. Of course, more or less icons and text 1504A-E may be displayed. As previously discussed, each icon and text 1504A-E may be associated with one or more sources of content. For example, icon and text 1504A may be associated with Live TV application 452; icon and text 1504B may be associated with video on demand 456; icon and text 1504C may be associated with media center application 460; icon and text 1504D may be associated with application center application 464; and icon and text 1504E may be associated with one or more sources of content, either internal or external. Moreover, icon and text 1504F may provide the ability for all sources of content to be displayed within global panel 1404. Global panel 1404 may additionally indicate a source that is selected or highlight using indicator 1512; for example, indicator 1512 may comprise a box positioned around Live TV – 801 CNXN. Although illustrated as a box, other methods or configurations which provide for icon selection and/or identification may be used. For example, instead of a box, indicator 1512 may comprise adjusting the background of an icon and text, such as 1504A for example, such that the color, shade, or hue is different. Alternatively, or in addition, indicator 1512 may comprise enlarging or magnifying the icon and text.

[0158] The text portion of icon and text 1504A-1504F may additional include the current application, source, or channel that is currently maintained, on hold, active, and/or associated with another content that is not currently displayed in content display area 1408. Thus, in various configurations, for Live TV a program name and/or current program playing may be displayed; for on demand a name of the media and/or media that is currently on VOD may be displayed; for media center, a name of the media and/or media that is currently on, and/or names of videos or albums may be displayed; for application center, a name of the application and/or the application that is currently playing may be displayed; and for inputs, custom names may be displayed.

[0159] For example, active content area 1408, in reference to Fig. 15B, is currently displaying a Live TV view (specifically 801 CNXN). The other icons and text, 1504B-1504E, may display the previously active content, or content that was previously displayed in active area 1408, at one time, but is now currently in a hold, inactive, or paused stated. For example, icon and text

1504B displays "On Demand – Skyfalls"; that is on demand application 456 may have previously been displaying some form of content – video, image, TV shows, etc.; the text of icon 1504B includes a title of the content that was previously displayed - "Skyfalls" . Similarly, the text portion of icon and text 1504D displays a previously displayed, or active, application – for example, "Bubble Bird". The application "Bubble Bird" may still reside in some form of application memory associated with application center application 464. As another example, the text portion of icon and text 1504E includes HDMI 1 – YBOX 720; source content on the HDMI 1 port from a YBOX 720 was previously displayed in content area 1408.

[0160] Additionally, global panel 1404 may include a shortcut area 1516. The shortcut area 1516 may provide access to frequently used applications, sources, or areas of intelligent TV 100. Moreover, shortcut area 1516 may be user configurable; that is a user may be able to decide what applications or sources are displayed. As illustrated in Fig. 15B, shortcut area 1516 displays an icon for browser 1520A, an icon for a settings menu 1520B, and an icon for alerts 1520C. The settings 1520B may provide a user access to one or more intelligent TV 100 configurations. Additionally, the Alerts icon 1520C, may indicate a number of alerts, or messages, a user has. The alert messages may be messages involving the operation and configuration of intelligent TV 100, messages received from one or more users, indications that new content has arrived, emergency messages, notifications, or the like.

[0161] In some configurations, when a user focuses on and selects an icon in the shortcut area 1516, the global panel may dismiss and the application or silo corresponding to the selected icon may launch. For example, when browser 1520A in the shortcuts area 1516 is selected, the global panel may dismiss and the Intelligent TV system 100 may switch the silo to a browser application (*e.g.*, via application layer 416) and the browser launches. Likewise, when settings menu 1520B in the shortcuts area 1516 is selected, the global panel may dismiss and the Intelligent TV system 100 may launch a settings application (*e.g.*, via application layer 416) and, for example, a system settings menu (*e.g.*, settings panel 524) may launch on top of the current view without the occurrence of any silo switching. Also, for example, a notifications icon may be displayed in the shortcuts area 1516, and when it is selected, the global panel may dismiss and the Intelligent TV system 100 may launch a notifications application (*e.g.*, via application layer 416) and, for example, a notifications menu (*e.g.*, notification panel 528) may launch on top of the current view. In various embodiments, the notifications icon displayed in the shortcuts area

1516 may indicate a number of notifications. For example, the number of the notifications can be from 0 to 9 when there are between 0 and 9 notifications respectively, and when there are more than 9 notifications, it may display "9+". The number of notifications may remain unchanged until the user takes an action, *e.g.*, by selecting on a notification or by removing all the notifications.

[0162] When the focus is shifted to the shortcut area 1516, or an icon in the shortcut area 1516, stickiness may apply; *e.g.*, any item or area that was in focus previously may remain in focus upon any relaunching. Also, when the shortcut area 1516 receives focus for an initial time, the first item (*e.g.*, browser 1520A) may receive the focus.

[0163] In addition, the global panel 1404 may be displayed such that the actively displayed content is displayed in active content area 1408 and is further visible behind global panel 1404. For example, the content currently displayed on the intelligent TV 100 is of a desk; the global panel 1404 may be translucent such that the content is displayed below or behind the global panel 1404, as represented by the dotted lines in Fig. 15B.

[0164] As illustrated in Fig. 15C, and in accordance with embodiments of the present disclosure, as the indicator 1512 is moved to a different source, the content or a preview of the content may be displayed in active content area 1408. For example, Fig. 15C illustrates an image or video associated with Skyfalls being displayed in content area 1408. Similar to Fig. 15B, the content is displayed such that a user can view content even though global panel 1404 may reside over the actively displayed content.

[0165] An additional illustrative configuration of the global panel is shown in a television interface 1600 in Fig. 16. In this example, a global panel 1636 provides for a representation of silos 1604. For example, the Live TV application is represented by the Live TV display information 1608 at the top of the list of silos 1604. Similarly, an information display 1612 for the on demand silo is presented after, or below in this case, the Live TV information line 1608. The other content application silos for media center 1616 and applications 1624 are shown below the first two content application silos.

[0166] A representation of an input source 1624 is shown on a line associated with the HDMI input. In this case, the silos are oriented from top to bottom. The silo information may also present other information, such as the current state of the silo, in the information line. For example, the information line 1608 shows that the Live TV application is currently displaying

channel 30, CNN news. Further, a selection line 1628 can provide for other inputs, which may include the other input sources not currently shown in the global panel display 1636. The user may move the focus box 1632 onto one of the lines 1608 through 1628. Upon moving the focus and either selecting another button or user interface selection device or loitering the focus box 1632 for a predetermined amount of time over the silo information line, the user can select that silo from the global panel 1636. Unused or undetected inputs may be displayed along with inputs that are in use and all inputs, including unused or undetected inputs may receive focus and be selected. Different visual indicators may show that an input is in focus, selected, and undetected, among others. If an unconnected or undetected input is selected, the screen may show the input source and a "no signal" message, for example. In embodiments, each input source may have one of two states: either connected/detected or unconnected/undetected, and silos may be considered always to be connected. Other inputs may be only considered connected if they are in an "on" state; for example, a VGA input. Various inputs may also be hidden, for example, a user may be able to hide undetected inputs. Hiding inputs may cause the list to collapse. Also, icons and/or text associated with inputs may change based on changes to the inputs.

[0167] If there is too much information (*e.g.*, too many silos or applications) to display at one time in the global panel, the global panel may have a scrollbar or other means for the user to view the overflow information (*e.g.*, information that will not fit on the screen). The scrollbar may appear as necessary, and be hidden when not necessary. Also, if a user selects (*e.g.*, switches to) a different input source, the selected unconnected/undetected input may be removed from the list if the list is collapsed when the global panel launches again. When an unconnected/undetected input source is listed on a collapsed silo/input list, it may follow a specified order. Various types of information in the global panel may be collapsible and expandable. Also, areas in the global panel may be used for other purposes (*e.g.*, branding and advertising), and may not be selectable by the user.

[0168] Further, when an unconnected/undetected input is selected, and the global panel is launched with a collapsed list, the selected input may be shown on the list in the unconnected/undetected state. The selected input should also be in focus and selected. For example, if HDMI 3 with no device connected is selected from a source changer, and the global panel is launched with the collapsed silo/input list, the HDMI 3 should still be shown on the list,

but with an unconnected/undetected state to indicate there is no device connected. In addition, if the global panel is launched with an expanded list, and HDMI 3 with no device connected is selected and then the user collapses the silo/input list, the HDMI 3 should still be shown on the list, but with the unconnected/undetected state to indicate there is no device connected.

[0169] Thus, as discussed herein, the silo/input list can become scrollable when the number of items on the list exceeds the space that allows, *e.g.*, when the list is expanded, and when there is no message, the message area may be left blank. In certain configurations, the size of the scrollable zone does not change based on the present of the message. Also, when there is a message displayed, the scrollable area automatically moves up to just above the message area and the message area does not float on top of the list.

[0170] In various configurations, a collapsed list is in a default state when the global panel launches for a first time. After an initial launch, the list may follow a 'stickiness' rule, *e.g.*, if the silo/input source list is collapsed when it is dismissed, when the global panel relaunches, the list may remain collapsed; likewise, if the list is expanded when it is dismissed, when the global panel relaunches, the list may remain expanded.

[0171] In addition global panel 1636 may include various buttons (*e.g.*, hot keys). For example, global panel 1636 shows hot keys 1640, 1642, 1644, and 1646, which may take any form, including displaying various shapes, colors, and text, and have various functions. In addition, they may be user configurable. In Fig. 16, hot key 1640 may be a red color and have the text "Edit" associated with the key, and it may be enabled only when an input source of HDMI, Comp/YPbPr, Video output, and VGA is in focus. Hot key 1640 may allow a user to give a customized name to an input source. Hot key 1642 may be a yellow color and have the text "Show All" associated with the key. Hot key 1642 may have a toggle function that allows the user to show all inputs, including unconnected/undetected ones, and to hide the unconnected/undetected inputs (*e.g.*, to expand and collapse the silo/input list). Hot keys 1644 and 1646 in Fig. 16 do not have any function assigned to them.

[0172] Further, a D-pad (*e.g.*, D-pad 760) may be used to navigate among elements (*e.g.*, icons, silos, applications, etc.) in the global panel. For example, the silo/input list and the shortcuts bar may be two vertical zones and a user can use the 'left' and 'right' keys on a D-pad to navigate between the two zones. In various configurations, stickiness can apply, *e.g.*, when the user shifts the focus between the two vertical zones, the item that is in focus previously

within the zone receives the focus upon relaunch. Thus, if browser is the last item the user used on the shortcuts bar, when the user presses the right key (to shift the focus from the silo/input list to the shortcuts bar), the browser should receive the focus. The 'up' and 'down' keys on a D-pad may be used to navigate between items within each vertical zone.

[0173] In some configurations, when the global panel is first launched, only the silos and connected input sources may be shown, and when the global panel relaunches, there are several rules that can apply. For example, if the silo/input list previously only showed the connected/detected inputs, it may remain the same way. If the silo/input list previously was expanded to include the unconnected/undetected inputs, it may remain the same way as well. Also, because the silo/input list is scrollable, when the global panel relaunches, it may automatically scroll to the position so the silo/input that was selected as a current source is visible. In embodiments, the current selected silo/input can be in focus as well.

[0174] The global panel can be dismissed by various methods, including but not limited to: pressing a back button; pressing a global panel button on the remote while the panel is launched; selecting one of the input sources; launching an application from the shortcuts bar; and pressing a hot key (*e.g.*, 1640 to edit so that the global panel dismisses and an edit window launches); and launching other panels. In various embodiments, there may be a time when no user interaction is possible after dismissing the global panel (*e.g.*, no user interaction for any number of seconds).

[0175] An illustrative edit window is shown in a television interface 1700 in Fig. 17. In figure 17 an edit window 1704 is displayed, showing the selected input to edit (*e.g.*, HDMI1) and an input area 1708 (*e.g.*, a text field), together with a Cancel button 1712 and an OK button1714. In embodiments, when a user interacts with the edit window 1704, additional information and input features may appear on the television interface 1700, for example, a list of choices or a keyboard. The text field may be in focus with the edit window is launched, and may allow a maximum number of characters. If there is no custom name given to the selected input source, the text field may be blank as shown. If there is a custom name given to the selected input, the custom name may be displayed. The Cancel button 1712 may dismiss the edit window 1704 and other information associated with the window, without changing the name associated with the input. The OK button 1714 can confirm the current entered name and upon being selected, the edit window 1704 and other information may dismiss and the entered name will be shown as the custom name for the input in the global panel 1636 when it is launched next time. In

embodiments, a back button (*e.g.*, back button 752) may behave the same as the Cancel button 1712.As previously discussed, global panel 1636 provides the user with universal access to the main features/functions and shortcuts to the most frequently used or desired applications. As such, it may be considered a "home" location for users. The global panel 1404 allows a user to configure its layout and display, such as determining which silos (including applications and sources, for example) are displayed and choosing custom names for items. By accessing the global panel, a user may thus be able to quickly access a silo or an input source and any related additional information. Related additional information may include content on a silo, custom names of an input source, and connection status of devices, among others.

[0176] As discussed above, a global panel 1636 provides for a representation of silos 1604. A content application silo can include representations for a first time experience (FTE). The FTE representations present the application in a first start up and include a series of user interfaces for the user to begin using the content application silo. For example, if a user begins an application and the application was not currently running or is restarted, a user interface 1800 may be presented to the user, as shown in Fig. 18. The user interface 1800 can include an icon 1804 that represents the application being executed. In this case, the icon for the media center 1804 is shown in user interface 1800. Further, an indication to the user that the content application silo is starting or is being executed is represented by a user interface device 1808, which demonstrates that the content is loading by rotating a revolving wheel.

[0177] Upon starting the content application silo, the user may be presented with one or more different user interfaces associated with the type of silo. The user interfaces indicate that the silo is conducting or needs to conduct some initial operation to begin providing content. For example, a first user interface 1900 is shown in Fig. 19A. The user interface 1900 for the VOD application silo requires that the user select a "Get Started" icon or button 1904 to initiate the VOD application. Upon using the remote control 700 to move the focus to the "Get Started" icon or button 1904, the user can select the "Get Started" icon or button 1904 to have the television 100 locate and present the VOD sources and/or content to the user.

[0178] Similarly, a first time experience user interface 1908 for the Live TV application is shown in Fig. 19B. In this example, two buttons 1912 and 1916 are presented to the user. The button 1912, when selected by the user, requires the TV 100 to scan digital TV signals to determine which channels or content sources are available for the Live TV application.

Similarly, if the user selects button 1916, the television 100 scans analog TV signals to determine the channels that may be available for the Live TV application.

[0179] A first time experience user interface 1920 for the media center is presented in Fig. 19C. In this example, there is no icon or other button to select but rather a presentation of information 1924 in the user interface 1920. The presentation of information 1924 requests that the user connect any type of devices to the television 100 or a network that may be associated with the television 100 for the television 100 to extract media, such as pictures and videos, either stored by or created by the user. Once the devices are scanned, the media center may store or create a logical database for the content that may be presented through the media center silo.

[0180] During the live cycle of the silo, the silo may include one or more different states that may be different from the normal operating state of the silo. If the silo enters a state not indicative of a normal operating state, the user interface may present information to the user to indicate the different state. For example, one or more different states for different silos are shown in Figs. 20A through 20D. For example, a user interface display 2000 is shown in Fig. 20A. The user interface 2000 presents an icon 2004 associated with the silo, in this case, a VOD icon, and provides information that indicates a different state than the normal operating conditions exists. This information 2008 indicates that there is a connection error and the VOD sources cannot be accessed. As such, the user is presented with information about how the silo is operating during the silo's life cycle if that silo is not in a normal operating condition.

[0181] User interface 2012 is presented in Fig. 20B and provides an icon and information 2016 for the Live TV application. In this example, the Live TV application has no signal and is shown with information 2016 on a television screen 304 to indicate this abnormal operation for the Live TV application silo. A "no signal" condition may occur if the content broadcast signal from a satellite, cable box, or antenna is not being received by the television 100. This information 2016 allows the user to understand that the Live TV application is not operating within normal parameters.

[0182] The user interface 2020 is presented to the user with information 2024 for the Live TV application, as shown in Fig. 20C. In this example, the Live TV application has been changed to a channel that provides scrambled content. A scrambled television signal can be a signal that is not provided to this particular user based on their access to content in the Live TV application. For example, a pay for view service, such as HBO or Showtime, may not be provided if the user

has not paid for access to those channels or content providers. As such, the Live TV application receives a scrambled channel or scrambled signal for those content sources and the information 2024 may be presented to the user, with the user interface 2020, indicating that content has been scrambled.

[0183] Similar types of life cycle indications may also be presented for input sources. For example, user interface 2028 may be presented to a user, as shown in Fig. 20D. User interface 2028 indicates, with information 2032, that there is no signal coming from an HDMI 1 port. For example, if no device is connected to HDMI 1, the TV 100 can indicate that there is no signal being received at the HDMI 1 port. As such, the user can determine that the operation of any device that should be connected to the HDMI 1 port is not operating correctly.

[0184] FIG. 21 is a flow diagram of an embodiment of a method 2100 for selecting and displaying one or more panels for viewing by a user. Method 2100 is in embodiments performed by a device, such as device 100. More specifically, one or more hardware and software components may be involved in performing method 2100. In one embodiment, one or more of the previously described modules perform one or more of the steps of method 2100. The method 2100 may be executed as a set of computer-executable instructions executed by a computer system and encoded or stored on a computer-readable medium. Hereinafter, the method 2100 shall be explained with reference to the systems, components, modules, software, etc. described in conjunction with Figs. 1-23F.

[0185] Method 2100 may continuously flow in a loop, flow according to a timed event, or flow according to a change in an operating or status parameter. Method 2100 is initiated at step 2104. Step 2104 may start with an intelligent television 100 receiving input from a remote or channel changer associated with a user. Based on the remote or channel changer input, the step 2104 may flow to step 2108, where the input received is analyzed. At step 2312, if it is determined that the analyzed communication is associated with displaying a global panel, such as panel 1404, then method 2100 proceeds to step 2116 where the user, or a user profile associated with the user is identified. Because the content information is not specific to the content displayed in the active content area 1408, once the user or user profile associated with a user has been identified, the method then proceeds to step 2120 to retrieve content information to display in the global panel 1404. At step 2124 the retrieved content is then displayed in the global pane 1404.

[0186] At step 2128 additional focus information indicating a specific icon and text, or shortcuts, corresponding to icon and text 1504A-F may be received from a user. The specific icon and/or text with focus information may then be used to identify a specific application to select such that content is displayed in the active content area 1404 at step 2132. The method 2100 may then end at step 2136 or repeat step 2104.

[0187] If, at step 2112, it is determined that the analyzed input corresponds to the display of an application panel, such as application panel 1412, then, at step 2140, the content displayed in the active content area 1408 and/or the source is analyzed. At step 2144, a panel type is selected; the panel type may correspond to one or more panel types as described with reference to Figs 17A-17B. At step 2148, content information to populate the panel type is retrieved, and the content is then displayed at step 2152 in the application panel. After step 2152, additional focus information may be received at step 2156. Upon receiving additional focus information, the method 2100 may repeat at step 2140, where the content in the active content area and/or the source is analyzed. Alternatively, or in addition, the method 2100 may end at 2136.

[0188] The exemplary systems and methods of this disclosure have been described in relation to one or more embodiments of a global panel. However, to avoid unnecessarily obscuring the present disclosure, the preceding description omits a number of known structures and devices. This omission is not to be construed as a limitation of the scopes of the claims. Specific details are set forth to provide an understanding of the present disclosure. It should however be appreciated that the present disclosure may be practiced in a variety of ways beyond the specific detail set forth herein.

[0189] Furthermore, while the exemplary aspects, embodiments, and/or configurations illustrated herein show the various components of the system collocated, certain components of the system can be located remotely, at distant portions of a distributed network, such as a LAN and/or the Internet, or within a dedicated system. Thus, it should be appreciated, that the components of the system can be combined in to one or more devices, such as a cable box or other set top box used to provide content to a television, a smart device used to watch streamed shows, and or other smart devices used to watch content , or collocated on a particular node of a distributed network, such as an analog and/or digital telecommunications network, a packet-switch network, or a circuit-switched network. It will be appreciated from the preceding description, and for reasons of computational efficiency, that the components of the system can

be arranged at any location within a distributed network of components without affecting the operation of the system. For example, the various components can be located in a switch such as a PBX and media server, gateway, in one or more communications devices, at one or more users' premises, or some combination thereof. Similarly, one or more functional portions of the system could be distributed between a telecommunications device(s) and an associated computing device.

[0190] Furthermore, it should be appreciated that the various links connecting the elements can be wired or wireless links, or any combination thereof, or any other known or later developed element(s) that is capable of supplying and/or communicating data to and from the connected elements. These wired or wireless links can also be secure links and may be capable of communicating encrypted information. Transmission media used as links, for example, can be any suitable carrier for electrical signals, including coaxial cables, copper wire and fiber optics, and may take the form of acoustic or light waves, such as those generated during radio-wave and infra-red data communications.

[0191] Also, while the flowcharts have been discussed and illustrated in relation to a particular sequence of events, it should be appreciated that changes, additions, and omissions to this sequence can occur without materially affecting the operation of the disclosed embodiments, configuration, and aspects.

[0192] A number of variations and modifications of the disclosure can be used. It would be possible to provide for some features of the disclosure without providing others.

[0193] For example in one alternative embodiment, the panel displayed to a user may comprise one or more combinations of silos and input sources, shortcuts to applications and functions, messages and notifications and alerts, and time and network information. In another alternative embodiment, only one of silos, input sources, shortcuts to applications and functions, messages and notifications and alerts, and time and network information is displayed.

[0194] In yet another embodiment, the systems and methods of this disclosure can be implemented in conjunction with a special purpose computer, a programmed microprocessor or microcontroller and peripheral integrated circuit element(s), an ASIC or other integrated circuit, a digital signal processor, a hard-wired electronic or logic circuit such as discrete element circuit, a programmable logic device or gate array such as PLD, PLA, FPGA, PAL, special purpose computer, any comparable means, or the like. In general, any device(s) or means capable of

implementing the methodology illustrated herein can be used to implement the various aspects of this disclosure. Exemplary hardware that can be used for the disclosed embodiments, configurations and aspects includes computers, handheld devices, telephones (e.g., cellular, Internet enabled, digital, analog, hybrids, and others), and other hardware known in the art. Some of these devices include processors (e.g., a single or multiple microprocessors), memory, nonvolatile storage, input devices, and output devices. Furthermore, alternative software implementations including, but not limited to, distributed processing or component/object distributed processing, parallel processing, or virtual machine processing can also be constructed to implement the methods described herein.

[0195] In yet another embodiment, the disclosed methods may be readily implemented in conjunction with software using object or object-oriented software development environments that provide portable source code that can be used on a variety of computer or workstation platforms. Alternatively, the disclosed system may be implemented partially or fully in hardware using standard logic circuits or VLSI design. Whether software or hardware is used to implement the systems in accordance with this disclosure is dependent on the speed and/or efficiency requirements of the system, the particular function, and the particular software or hardware systems or microprocessor or microcomputer systems being utilized.

[0196] In yet another embodiment, the disclosed methods may be partially implemented in software that can be stored on a storage medium, executed on programmed general-purpose computer with the cooperation of a controller and memory, a special purpose computer, a microprocessor, or the like. In these instances, the systems and methods of this disclosure can be implemented as program embedded on personal computer such as an applet, JAVA® or CGI script, as a resource residing on a server or computer workstation, as a routine embedded in a dedicated measurement system, system component, or the like. The system can also be implemented by physically incorporating the system and/or method into a software and/or hardware system.

[0197] Although the present disclosure describes components and functions implemented in the aspects, embodiments, and/or configurations with reference to particular standards and protocols, the aspects, embodiments, and/or configurations are not limited to such standards and protocols. Other similar standards and protocols not mentioned herein are in existence and are considered to be included in the present disclosure. Moreover, the standards and protocols

mentioned herein and other similar standards and protocols not mentioned herein are periodically superseded by faster or more effective equivalents having essentially the same functions. Such replacement standards and protocols having the same functions are considered equivalents included in the present disclosure.

[0198] The present disclosure, in various aspects, embodiments, and/or configurations, includes components, methods, processes, systems and/or apparatus substantially as depicted and described herein, including various aspects, embodiments, configurations embodiments, subcombinations, and/or subsets thereof. Those of skill in the art will understand how to make and use the disclosed aspects, embodiments, and/or configurations after understanding the present disclosure. The present disclosure, in various aspects, embodiments, and/or configurations, includes providing devices and processes in the absence of items not depicted and/or described herein or in various aspects, embodiments, and/or configurations hereof, including in the absence of such items as may have been used in previous devices or processes, e.g., for improving performance, achieving ease and\or reducing cost of implementation.

[0199] The foregoing discussion has been presented for purposes of illustration and description. The foregoing is not intended to limit the disclosure to the form or forms disclosed herein. In the foregoing Detailed Description for example, various features of the disclosure are grouped together in one or more aspects, embodiments, and/or configurations for the purpose of streamlining the disclosure. The features of the aspects, embodiments, and/or configurations of the disclosure may be combined in alternate aspects, embodiments, and/or configurations other than those discussed above. This method of disclosure is not to be interpreted as reflecting an intention that the claims require more features than are expressly recited in each claim. Rather, as the following claims reflect, inventive aspects lie in less than all features of a single foregoing disclosed aspect, embodiment, and/or configuration. Thus, the following claims are hereby incorporated into this Detailed Description, with each claim standing on its own as a separate preferred embodiment of the disclosure.

[0200] Moreover, though the description has included description of one or more aspects, embodiments, and/or configurations and certain variations and modifications, other variations, combinations, and modifications are within the scope of the disclosure, e.g., as may be within the skill and knowledge of those in the art, after understanding the present disclosure. It is intended to obtain rights which include alternative aspects, embodiments, and/or configurations to the

extent permitted, including alternate, interchangeable and/or equivalent structures, functions, ranges or steps to those claimed, whether or not such alternate, interchangeable and/or equivalent structures, functions, ranges or steps are disclosed herein, and without intending to publicly dedicate any patentable subject matter.

EX. 1002
LG Electronics, Inc. / Page 306 of 351

What is claimed is:

1. A method of displaying content on a television, comprising:
receiving an indication associated with a selection by a user;
determining, based on the received indication, a global panel to display via the television;
retrieving from memory, a first content information for display in the global panel; and
displaying, via the television, the retrieved content information in the specified global panel.

2. The method of claim 1, further comprising:
identifying a user associated with the received indication;
retrieving one or more settings associated with the identified user;
retrieving, from memory, content information associated with the identified user; and
displaying, via the television, the retrieved content information in the specified global panel.

3. The method of claim 1, further comprising:
identifying a user associated with the received indication;
retrieving, from memory, one or more settings associated with the identified user;
retrieving, from memory, content information associated with the identified user and the one or more settings associated with the user; and
displaying, via the television, the retrieved content information in the specified global panel.

4. The method of claim 1, further comprising:
receiving a second indication associated with a selection by a user;
determining, based on the second indication, a source of content information to be displayed in the global panel based;
retrieving at least a portion of content information from the determined source; and
displaying, via the television, the content information associated with the determined source.

5. The method of claim 1, wherein the global panel comprises information from at least two different panel types.

6. The method of claim 1, further comprising:
identifying at least one of a content source and a content information currently being displayed via a television;
selecting a panel type based on the identified at least one of content source and content information currently being displayed via the television;
retrieving, from memory, content information based on the selected panel type; and
displaying, via the television, the retrieved content information in the global panel based on the selected panel type.

7. The method of claim 6, further comprising:
receiving a second indication associated with a selection by a user;
selecting a panel type based on the second indication;
retrieving, from memory, content information based on the selected panel type and the second indication; and
displaying, via the television, the retrieved content information in the global panel.

8. The method of claim 7, wherein the retrieved content information comprises information associated with content information marked as favorite.

9. The method of claim 7, wherein the retrieved content information comprises information associated with content information recently viewed.

10. The method of claim 7, wherein the retrieved content information comprises information associated with content information marked as favorate and further comprises information associated with content information recently viewed.

11. A non-transitory computer readable information storage medium having stored thereon instructions that cause a computing system to execute a method of displaying content on a television, comprising:
receiving an indication associated with a selection by a user;
determining, based on the received indication, a global panel to display via the television;

retrieving from memory, a first content information for display in the global panel; and
displaying, via the television, the retrieved content information in the specified global panel.

12. The non-transitory computer-readable medium of claim 11, wherein the instructions further comprise:
identifying a user associated with the received indication;
retrieving one or more settings associated with the identified user;
retrieving, from memory, content information associated with the identified user; and
displaying, via the television, the retrieved content information in the specified global panel.

13. The non-transitory computer-readable medium of claim 11, wherein the instructions further comprise:
identifying a user associated with the received indication;
retrieving, from memory, one or more settings associated with the identified user;
retrieving, from memory, content information associated with the identified user and the one or more settings associated with the user; and
displaying, via the television, the retrieved content information in the specified global panel.

14. The non-transitory computer-readable medium of claim 11, wherein the instructions further comprise:
receiving a second indication associated with a selection by a user;
determining, based on the second indication, a source of content information to be displayed in the global panel based;
retrieving at least a portion of content information from the determined source; and
displaying, via the television, the content information associated with the determined source .

15. The non-transitory computer-readable medium of claim 11, further comprising
retrieving from memory a second content information for display in the global panel; and
displaying, via the television, the retrieved first content information and the retrieved second content information in the specified global panel.

16. The method of claim 1, further comprising:
identifying at least one of a content source and a content information currently being displayed via a television;
selecting a panel type based on the identified at least one of content source and content information currently being displayed via the television;
retrieving, from memory, content information based on the selected panel type; and
displaying, via the television, the retrieved content information in the global panel based on the selected panel type.

17. The non-transitory computer-readable medium of claim 16, wherein the instructions further comprise:
receiving a second indication associated with a selection by a user;
selecting a panel type based on the second indication;
retrieving, from memory, content information based on the selected panel type and the second indication; and
displaying, via the television, the retrieved content information in the global panel.

18. The non-transitory computer-readable medium of claim 17, wherein the retrieved content information comprises information associated with content information marked as favorite.

19. The non-transitory computer-readable medium of claim 17, wherein the retrieved content information comprises information associated with content information recently viewed.

20. The non-transitory computer-readable medium of claim 17, wherein the retrieved content information comprises information associated with content information marked as favorite and further comprises information associated with content information recently viewed .

21. A system for displaying content on a television, comprising:
an input device associated with the television;
a memory; and

a microprocessor operable to:
receive an indication associated with a selection by a user;
determine, based on the received indication, a global panel to display via the television;
retrieve from the memory, a first content information for display in the global panel; and
display, via the television, the retrieved content information in the specified global panel.

22. The system of claim 21, wherein the microprocessor is further operable to:
identify at least one of a content source and a content information currently being displayed via a television;
select a panel type based on the identified at least one of content source and content information currently being displayed via the television;
retrieve, from the memory, content information based on the selected panel type; and
display, via the television, the retrieved content information in the global panel based on the selected panel type.

ABSTRACT

The present disclosure is related to methods and systems of displaying content on a television, including: receiving an indication associated with a selection by a user; determining, based on the received indication, a global panel to display via the television; retrieving from memory, a first content information for display in the global panel; and displaying, via the television, the retrieved content information in the specified global panel.

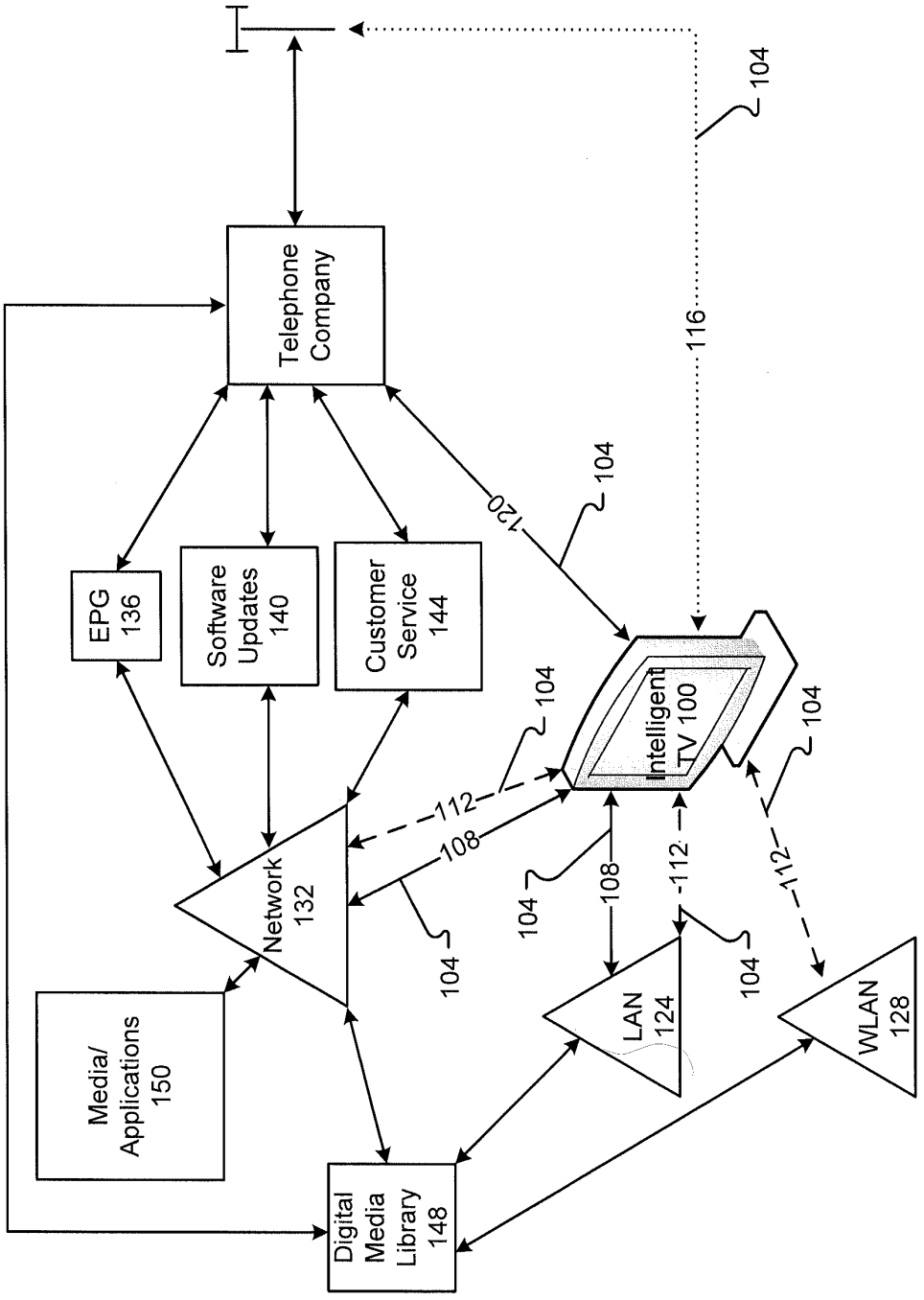

Telephone Company
104
116
120
104
EPG 136
Software Updates 140
Customer Service 144
Intelligent TV 100
104
104
112
108
Network 132
104
104
108
112
112
104
104
Media/ Applications 150
LAN 124
WLAN 128
Digital Media Library 148

Fig. 1A

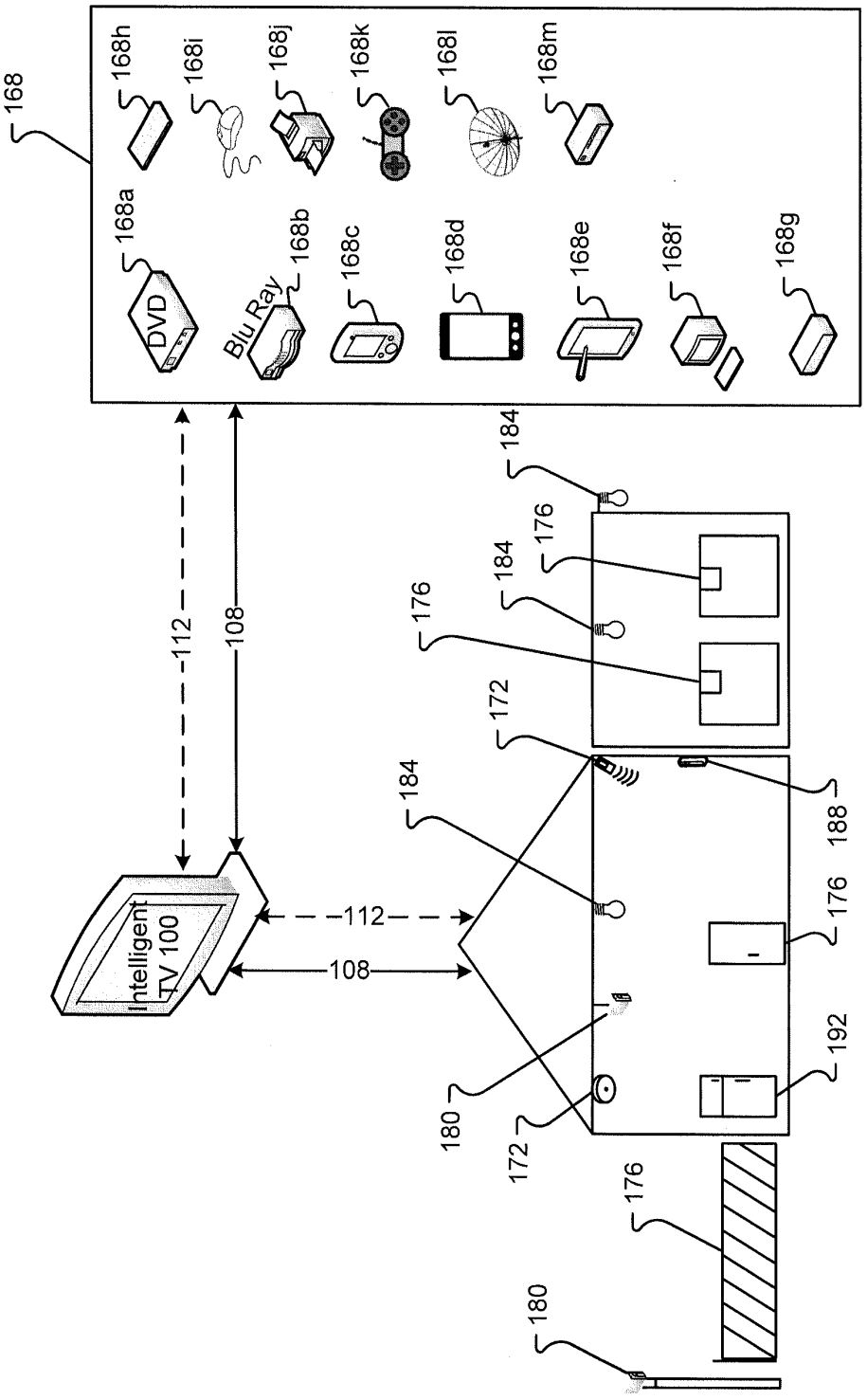

168
168h
168i
168j
168k
168l
168m
168a
DVD
168b
Blu Ray
168c
168d
168e
168f
168g
112
108
Intelligent TV 100
112
108
184
176
184
176
172
184
188
176
192
180
172
176
180

Fig. 1B

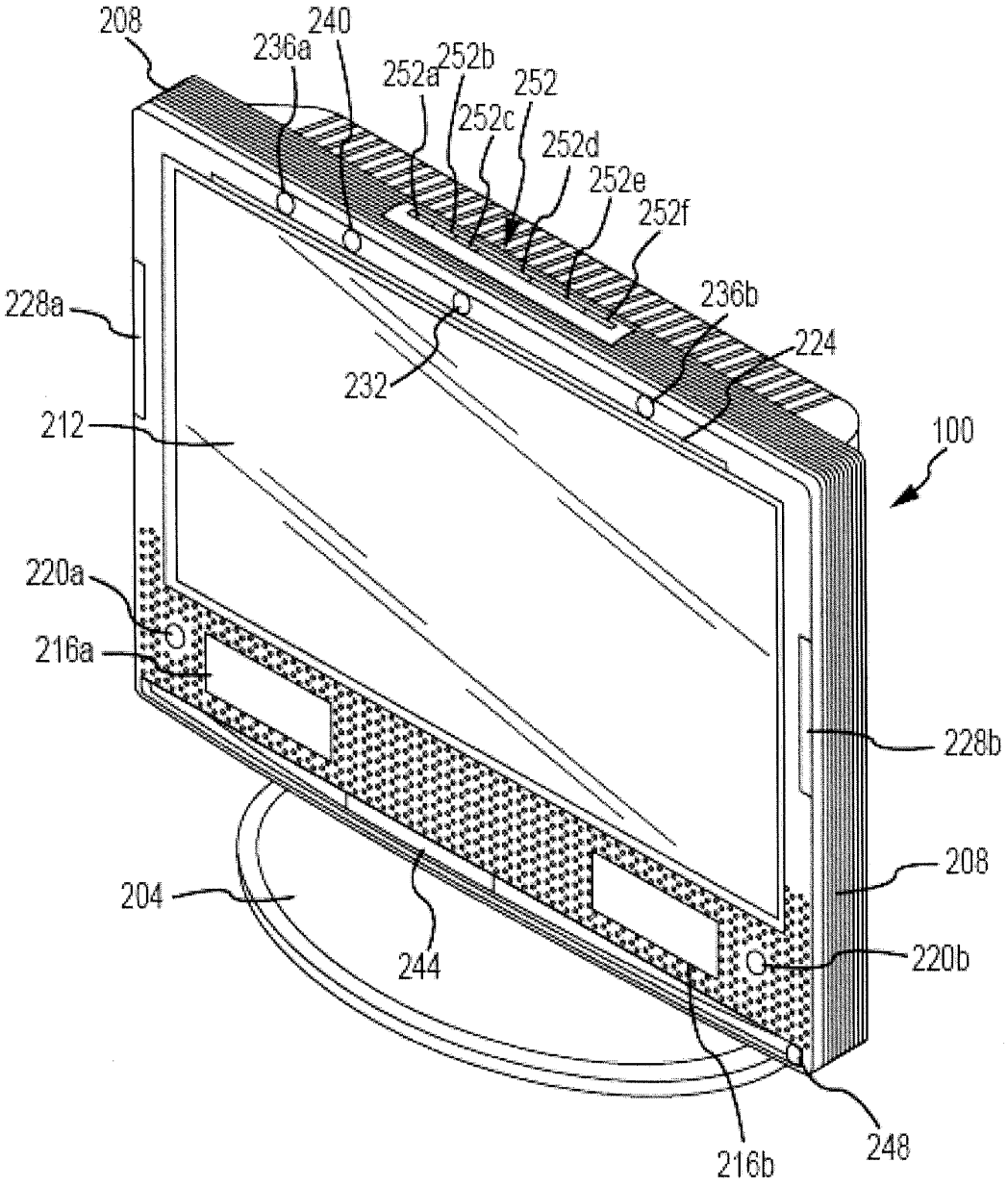

208
240
236a
252a
252b
252
252c
252d
252e
252f
236b
224
228a
232
212
100
220a
216a
228b
208
204
244
220b
248
216b

Fig. 2A

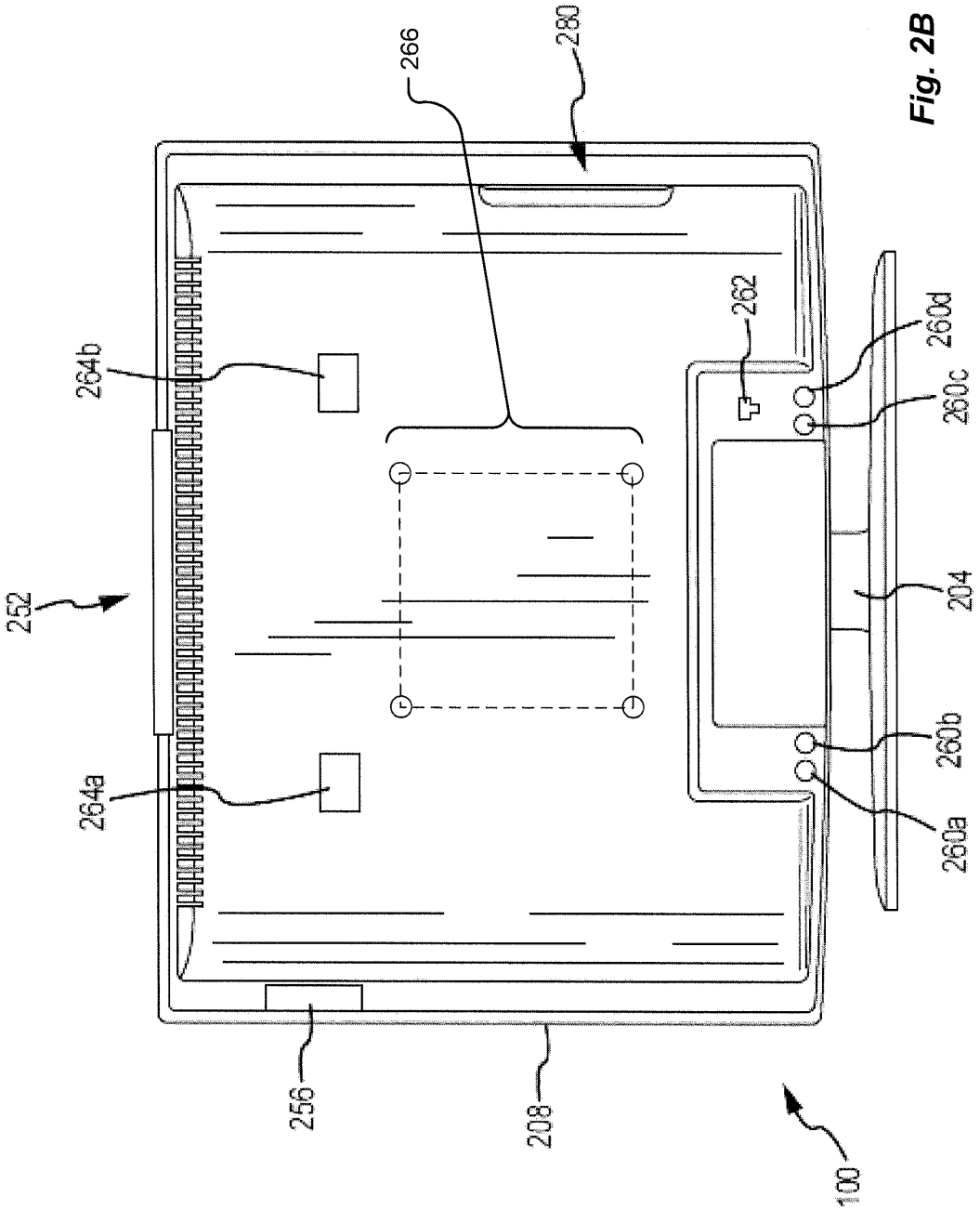


Fig. 2B

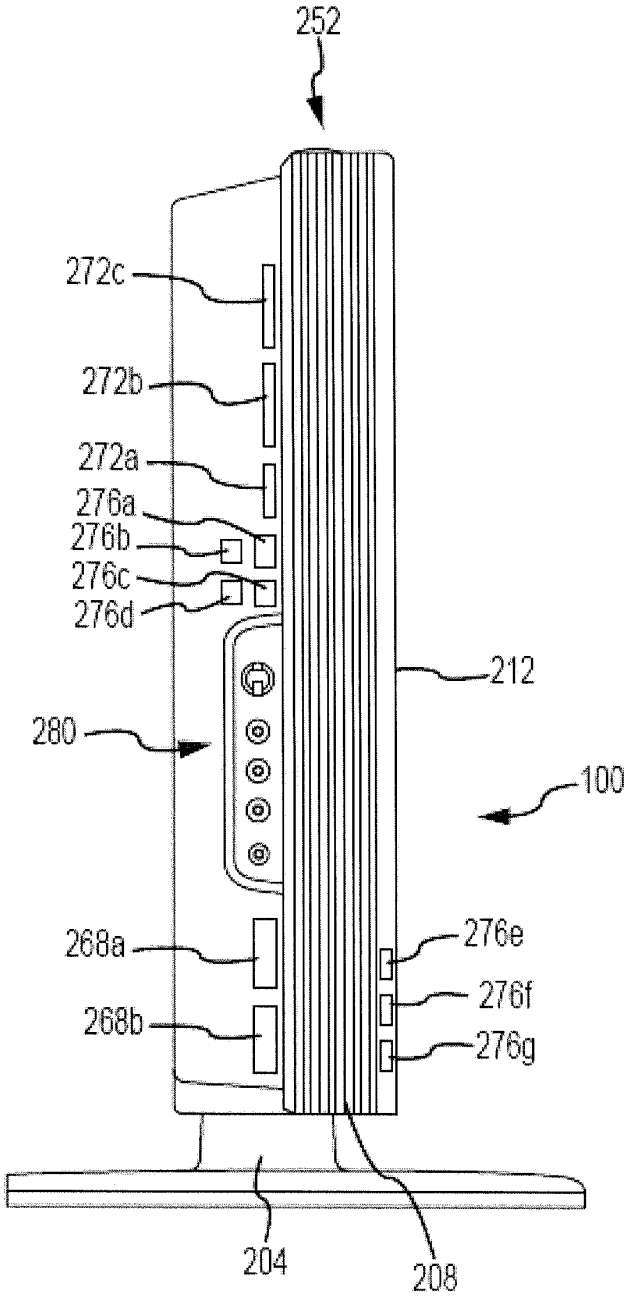

252
272c
272b
272a
276a
276b
276c
276d
212
280
100
268a
276e
276f
268b
276g
204
208

Fig. 2C

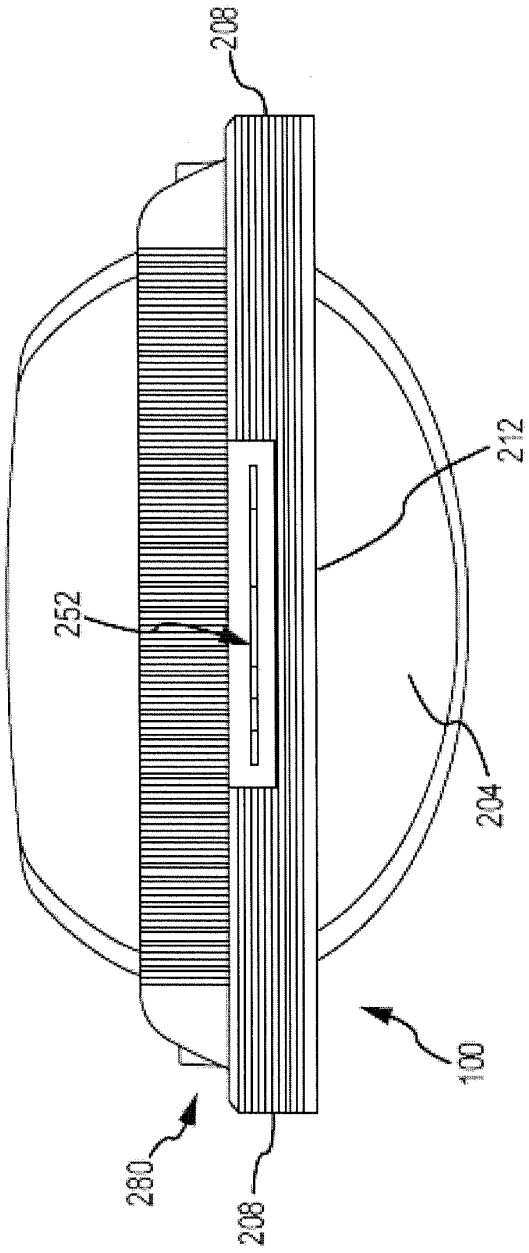


Fig. 2D

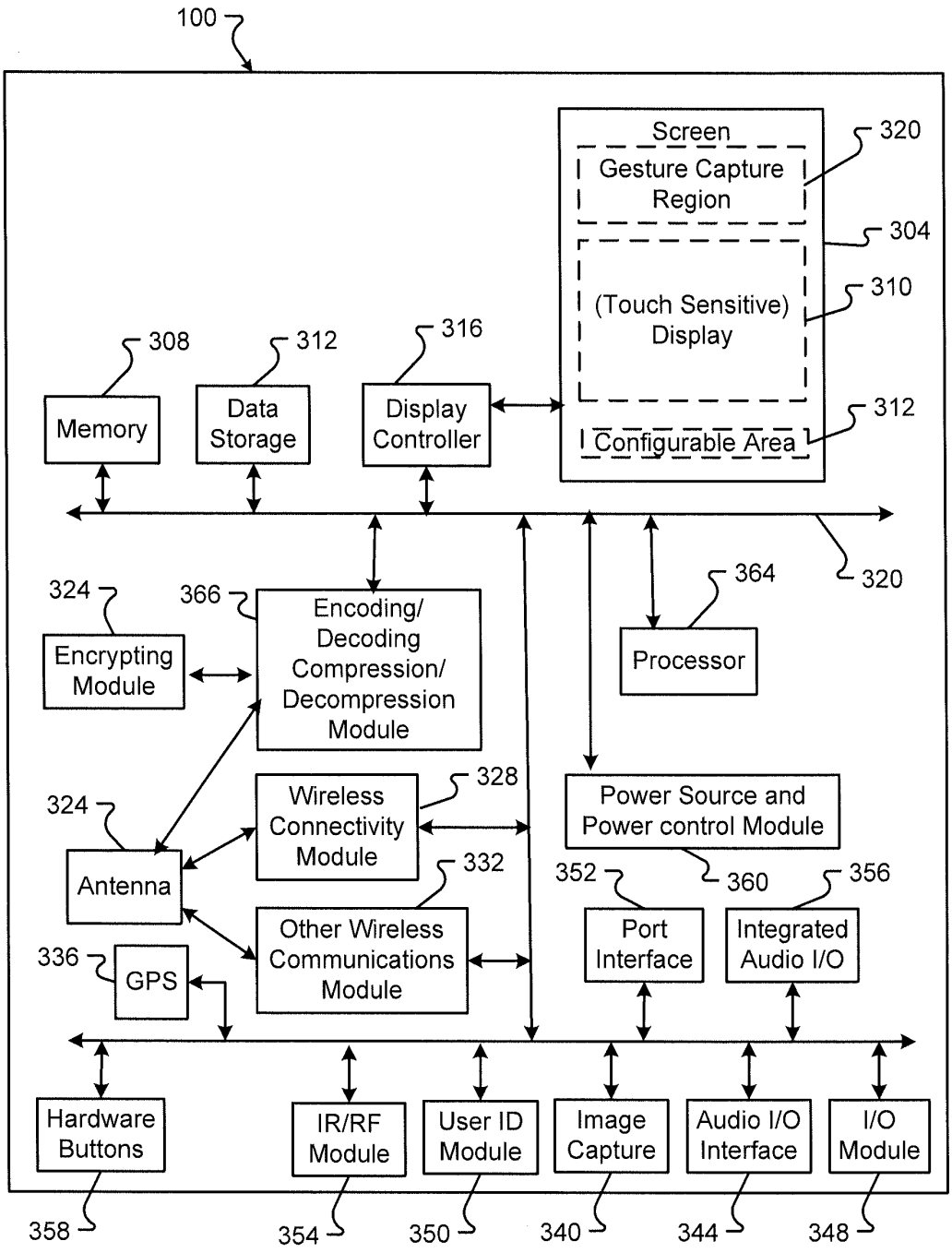

100
Screen
Gesture Capture Region
320
304
(Touch Sensitive) Display
310
312
Configurable Area
308
Memory
312
Data Storage
316
Display Controller
320
364
Processor
324
Encrypting Module
366
Encoding/ Decoding Compression/ Decompression Module
328
Wireless Connectivity Module
Power Source and Power control Module
360
324
Antenna
332
Other Wireless Communications Module
352
Port Interface
356
Integrated Audio I/O
336
GPS
Hardware Buttons
IR/RF Module
User ID Module
Image Capture
Audio I/O Interface
I/O Module
358
354
350
340
344
348

FIG. 3

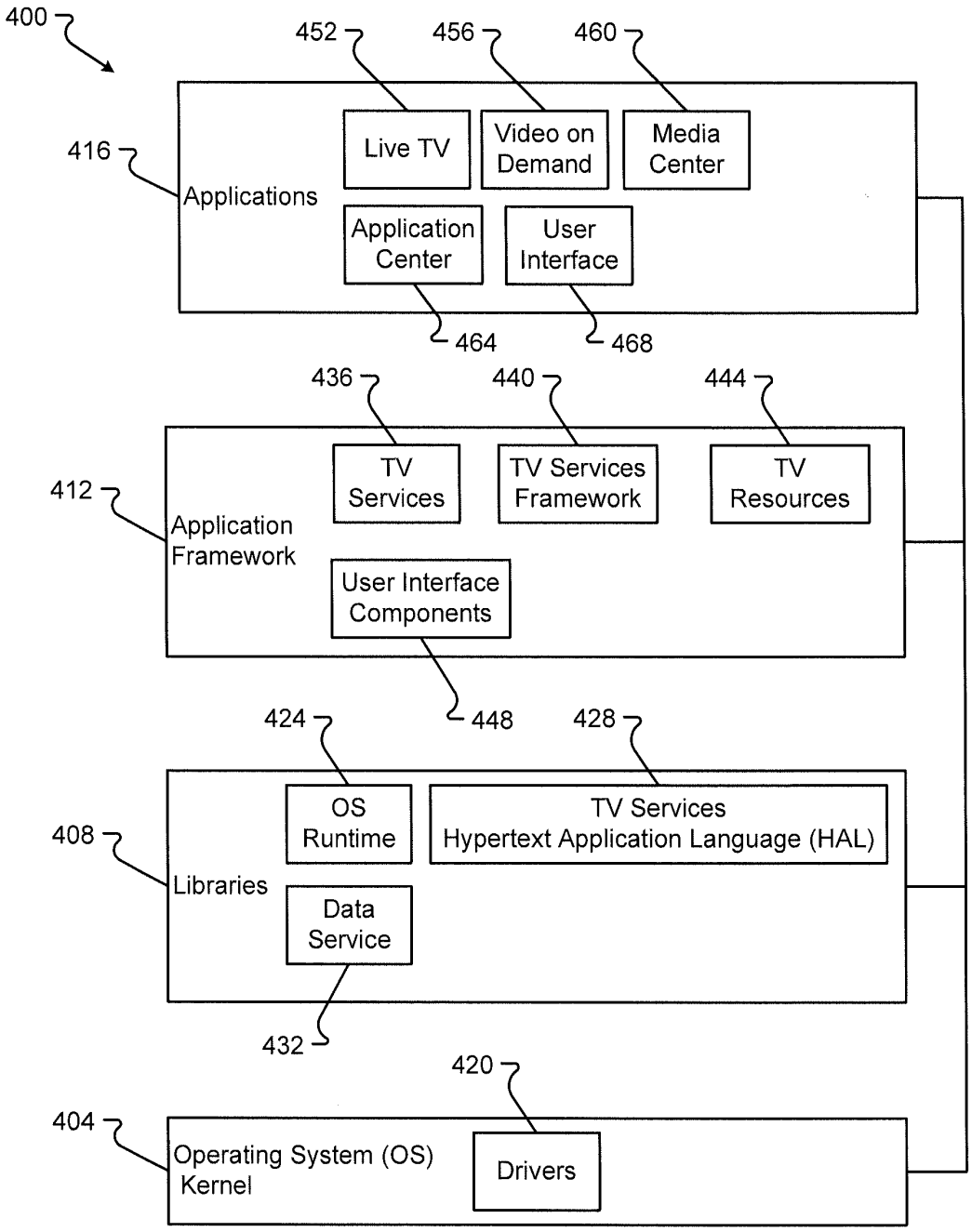

400
452
456
460
416
Applications
Live TV
Video on Demand
Media Center
Application Center
User Interface
464
468
436
440
444
412
Application Framework
TV Services
TV Services Framework
TV Resources
User Interface Components
448
424
428
408
Libraries
OS Runtime
TV Services Hypertext Application Language (HAL)
Data Service
432
420
404
Operating System (OS) Kernel
Drivers

FIG. 4

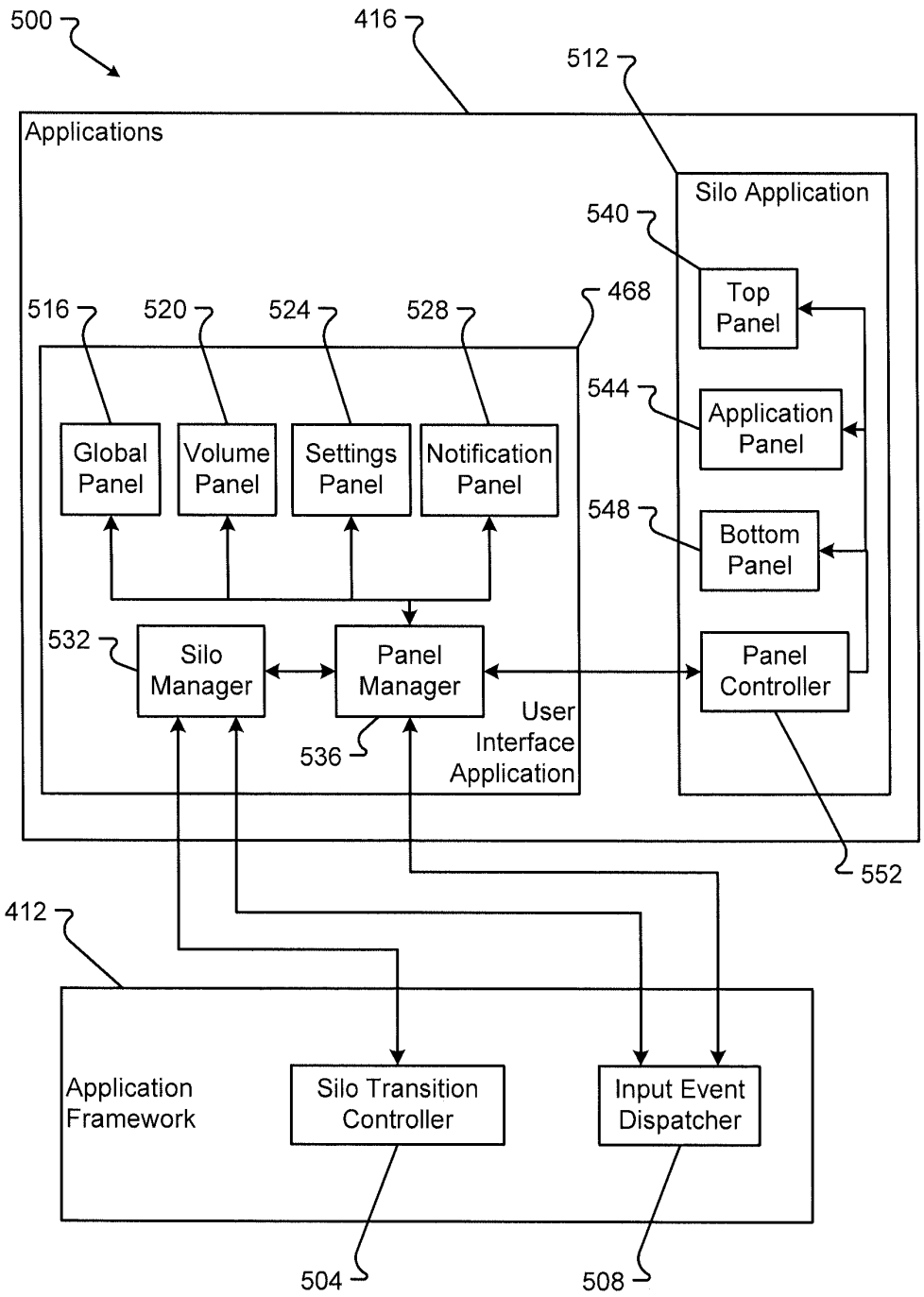

500
416
512
Applications
Silo Application
540
Top Panel
516
520
524
528
468
544
Application Panel
Global Panel
Volume Panel
Settings Panel
Notification Panel
548
Bottom Panel
532
Silo Manager
Panel Manager
Panel Controller
User Interface Application
536
552
412
Application Framework
Silo Transition Controller
Input Event Dispatcher
504
508

FIG. 5

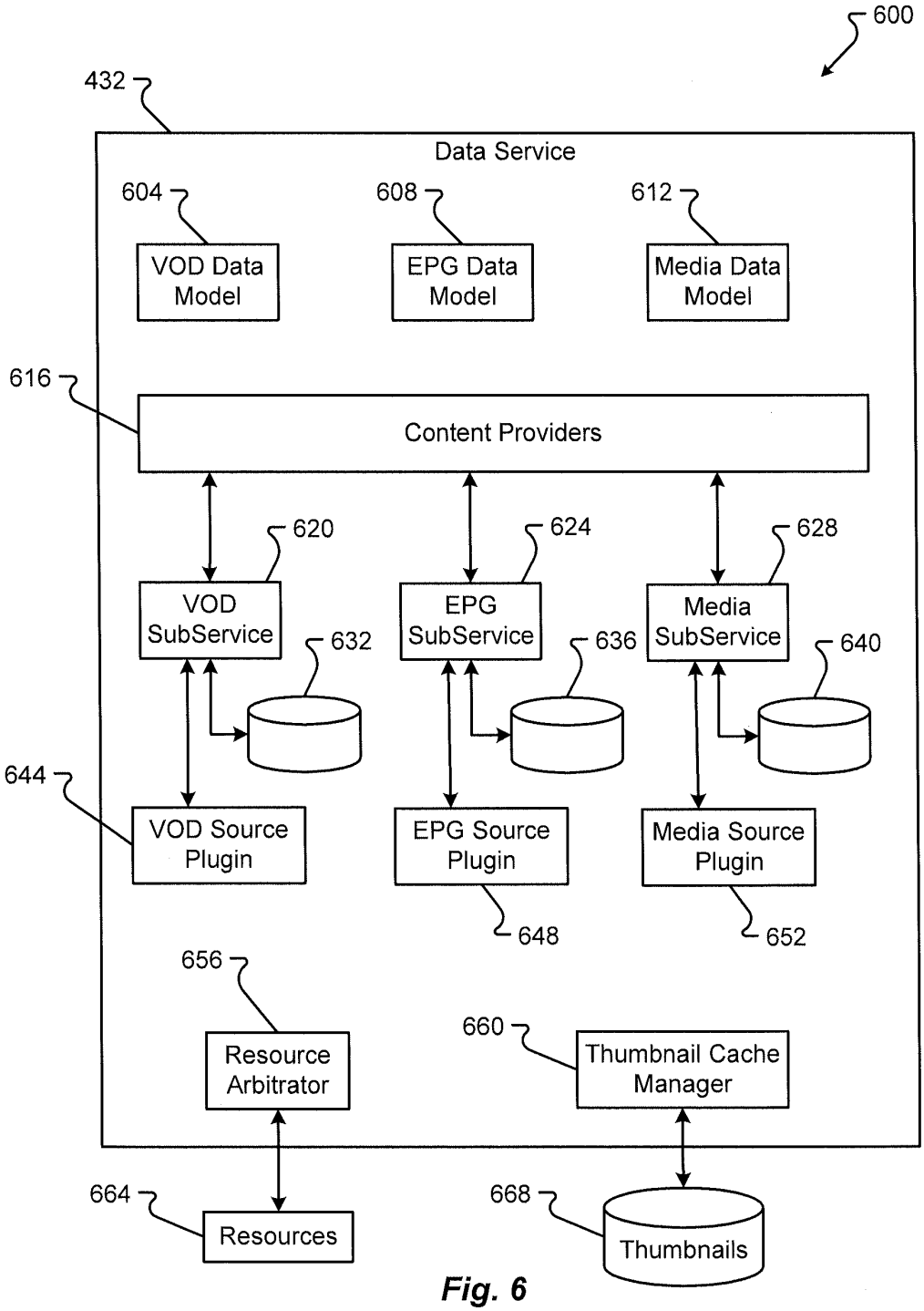

600
432
Data Service
604
VOD Data Model
608
EPG Data Model
612
Media Data Model
616
Content Providers
620
VOD SubService
624
EPG SubService
628
Media SubService
632
636
640
644
VOD Source Plugin
EPG Source Plugin
Media Source Plugin
648
652
656
Resource Arbitrator
660
Thumbnail Cache Manager
664
Resources
668
Thumbnails

Fig. 6

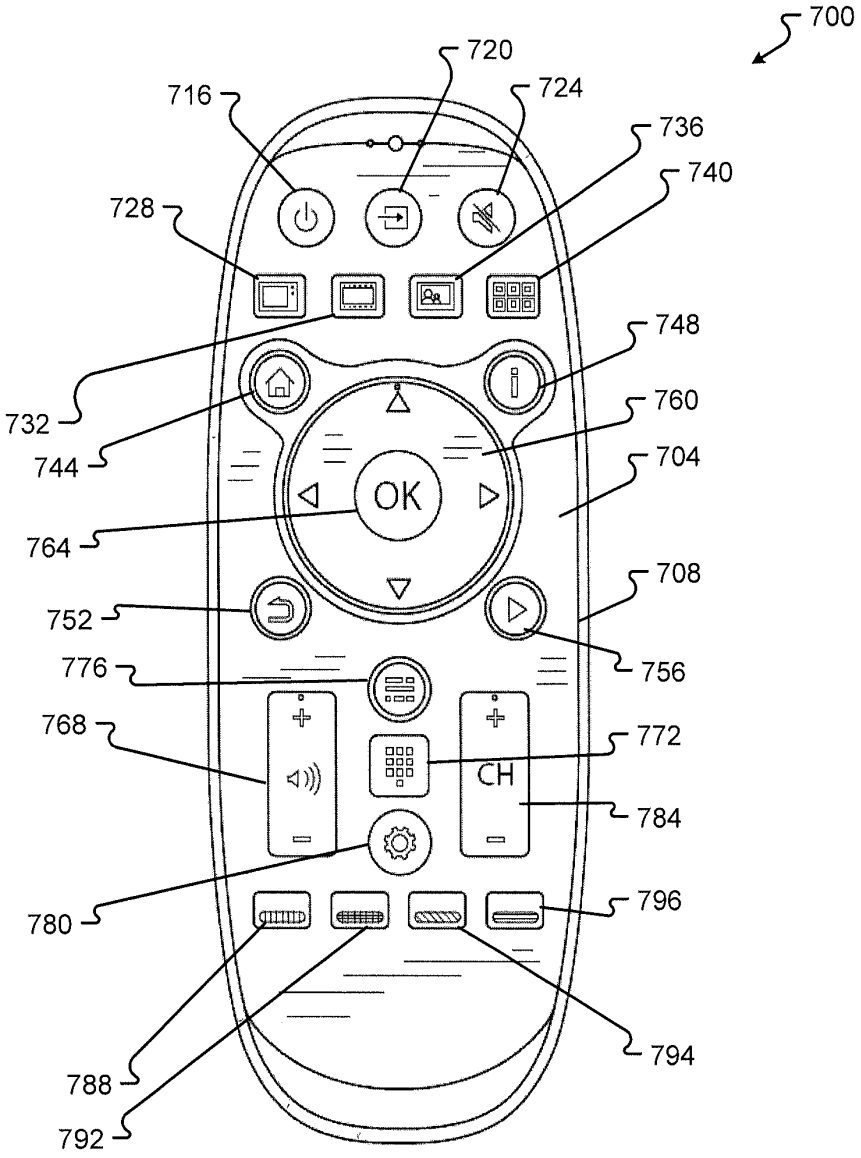

700
720
716
724
736
740
728
748
732
760
744
704
OK
764
708
752
756
776
768
772
CH
784
780
796
794
788
792

Fig. 7

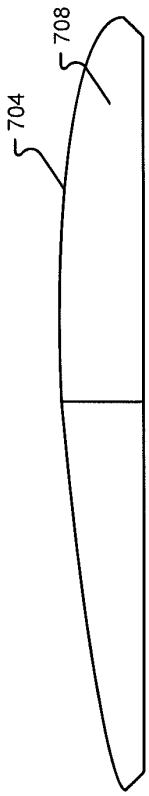


Fig. 8

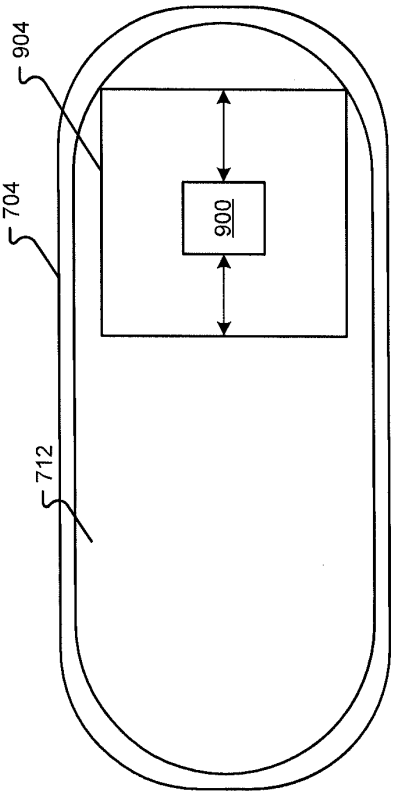


Fig. 9A

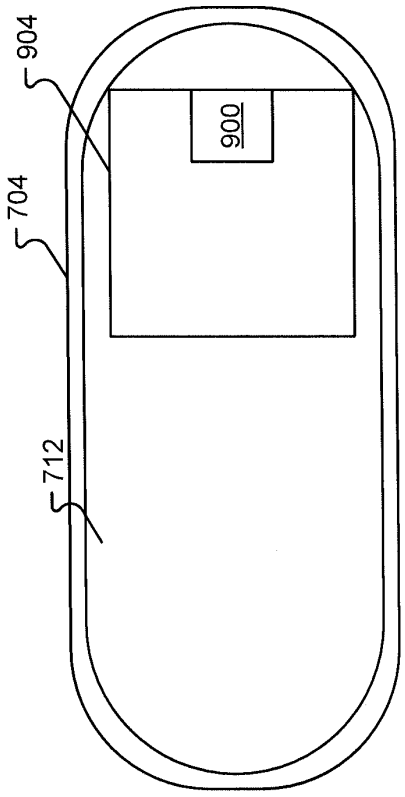


Fig. 9B

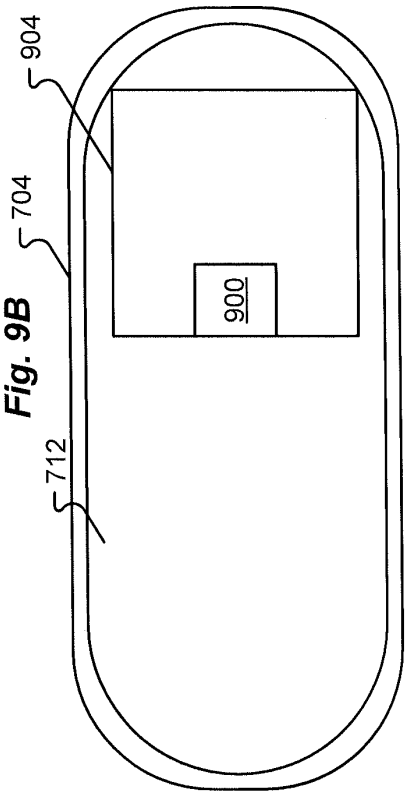


Fig. 9C

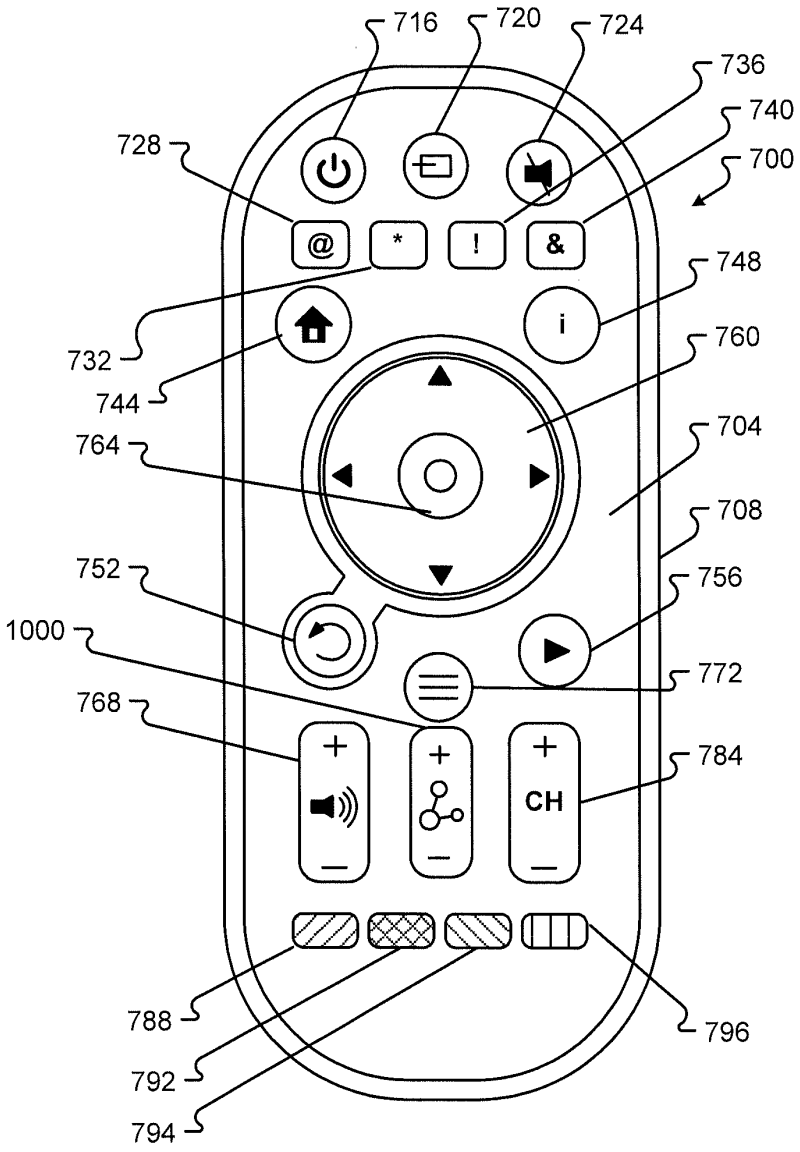

716
720
724
736
740
700
728
@
*
!
&
748
i
732
744
760
764
704
708
752
756
1000
772
768
784
CH
788
792
794
796

Fig. 10

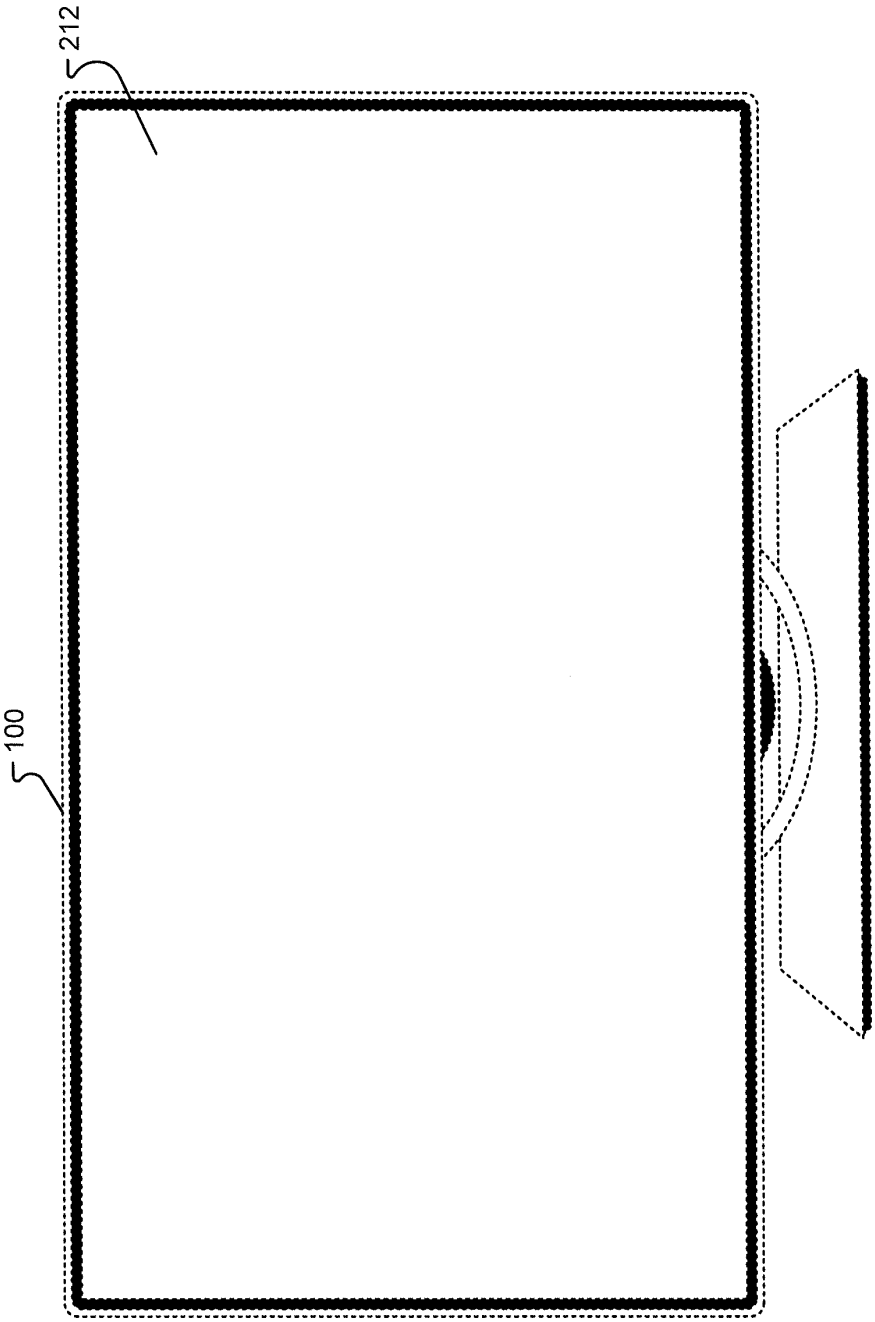


Fig. 11A

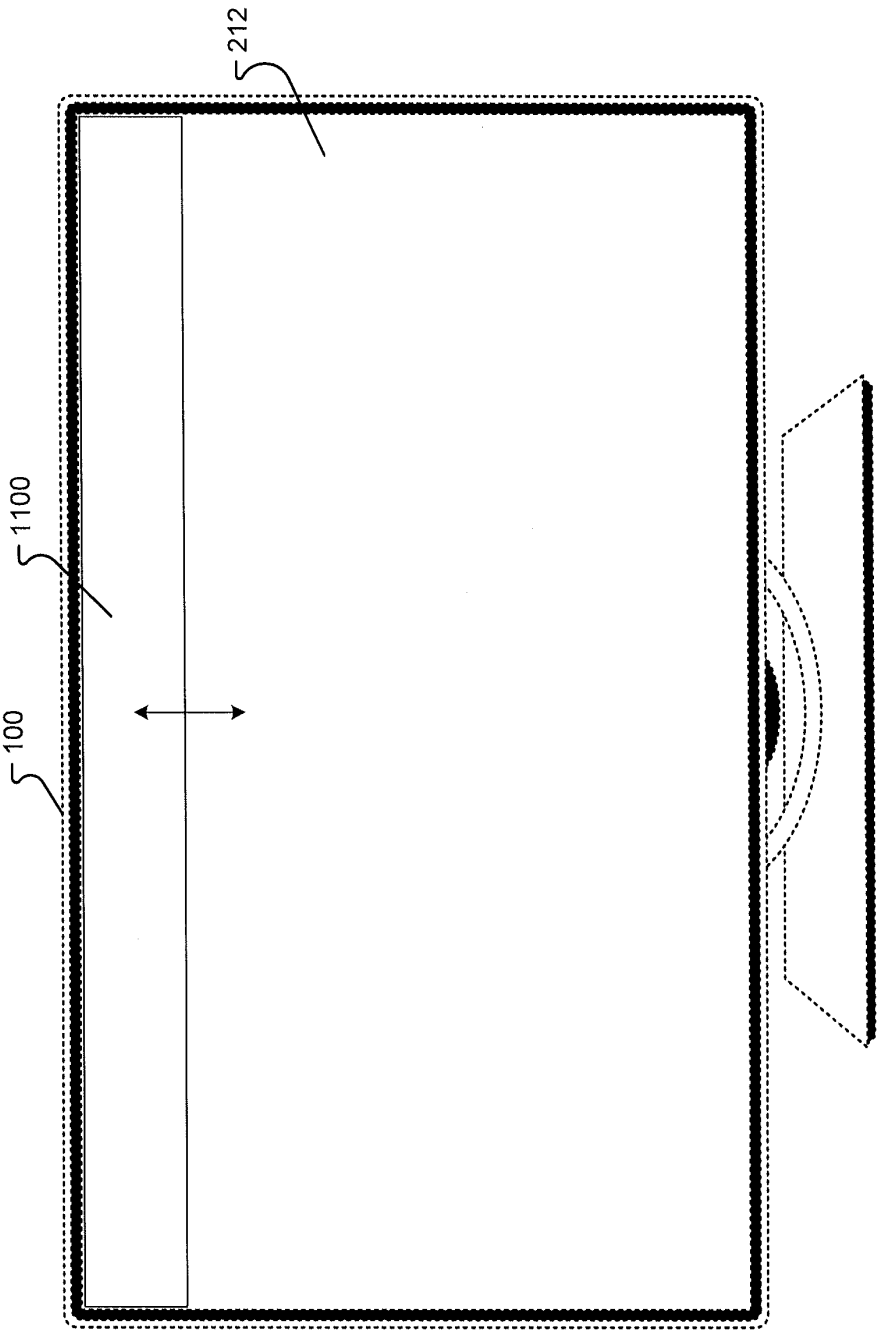


Fig. 11B

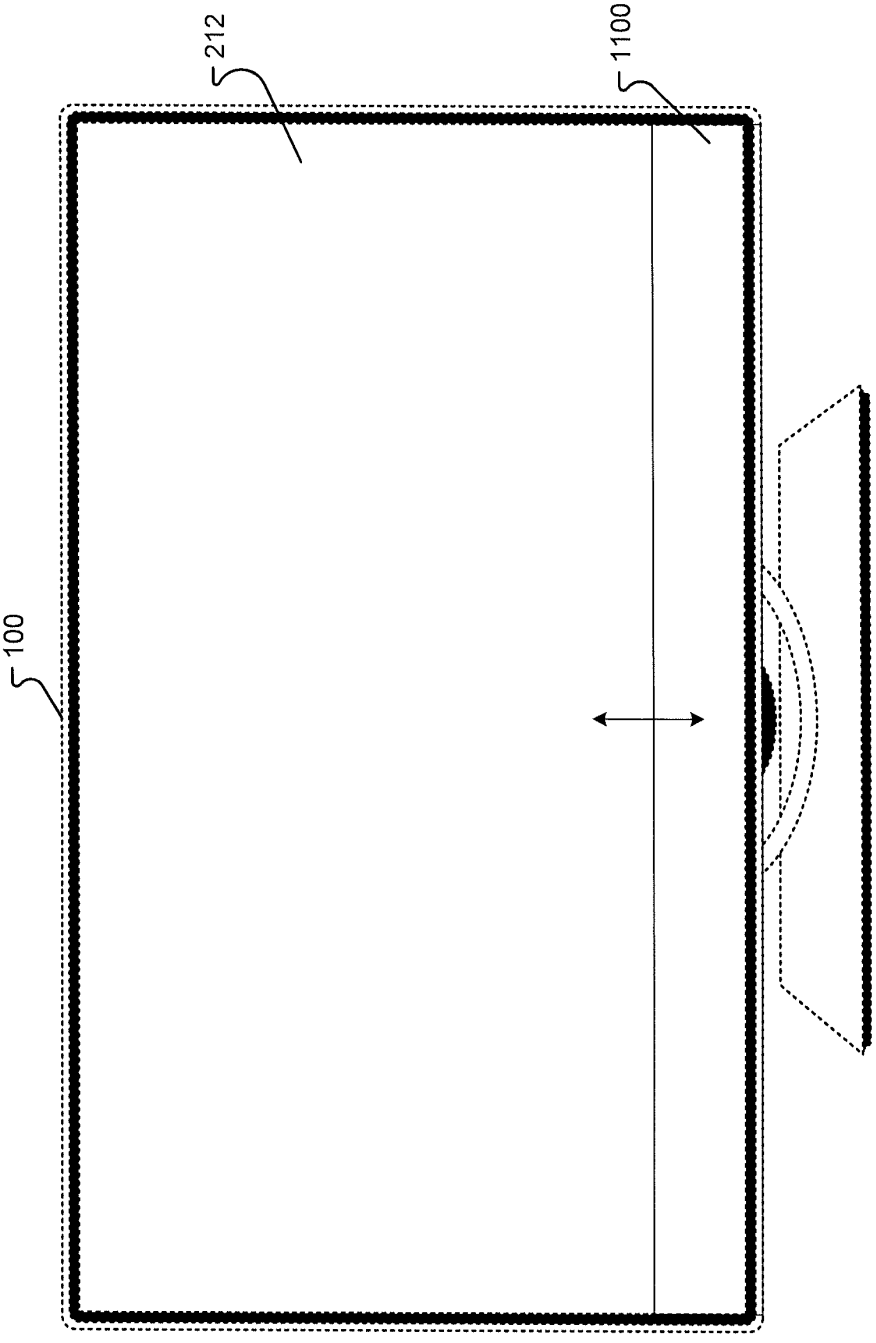


Fig. 11C

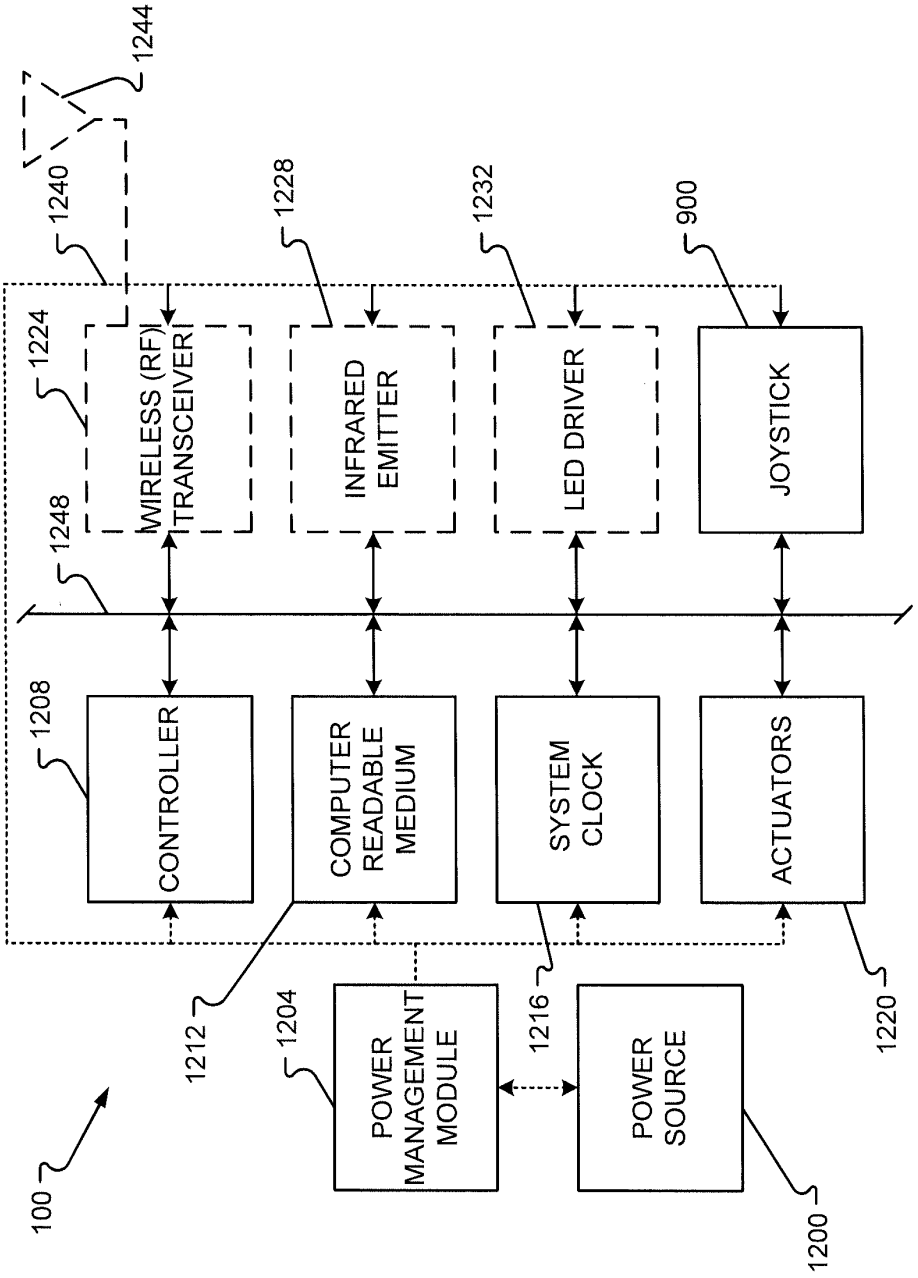

100
1200
POWER SOURCE
1216
POWER MANAGEMENT MODULE
1204
1212
1220
ACTUATORS
SYSTEM CLOCK
COMPUTER READABLE MEDIUM
CONTROLLER
1208
1248
JOYSTICK
LED DRIVER
INFRARED EMITTER
WIRELESS (RF) TRANSCEIVER
1224
1240
1244
1228
1232
900

Fig. 12

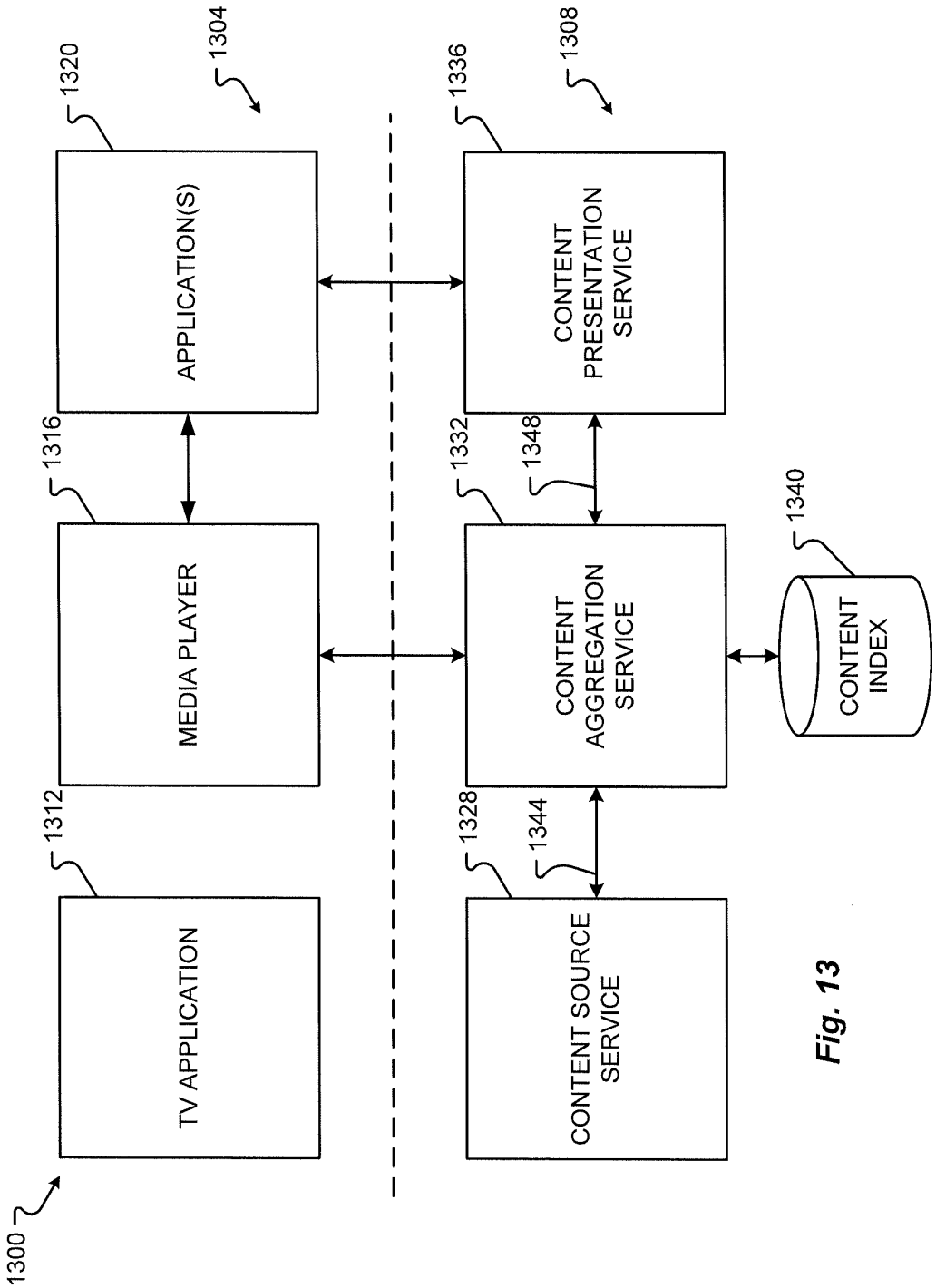

1300
1304
1308
1312
1316
1320
1328
1332
1336
1340
1344
1348
APPLICATION(S)
MEDIA PLAYER
TV APPLICATION
CONTENT PRESENTATION SERVICE
CONTENT AGGREGATION SERVICE
CONTENT SOURCE SERVICE
CONTENT INDEX

Fig. 13

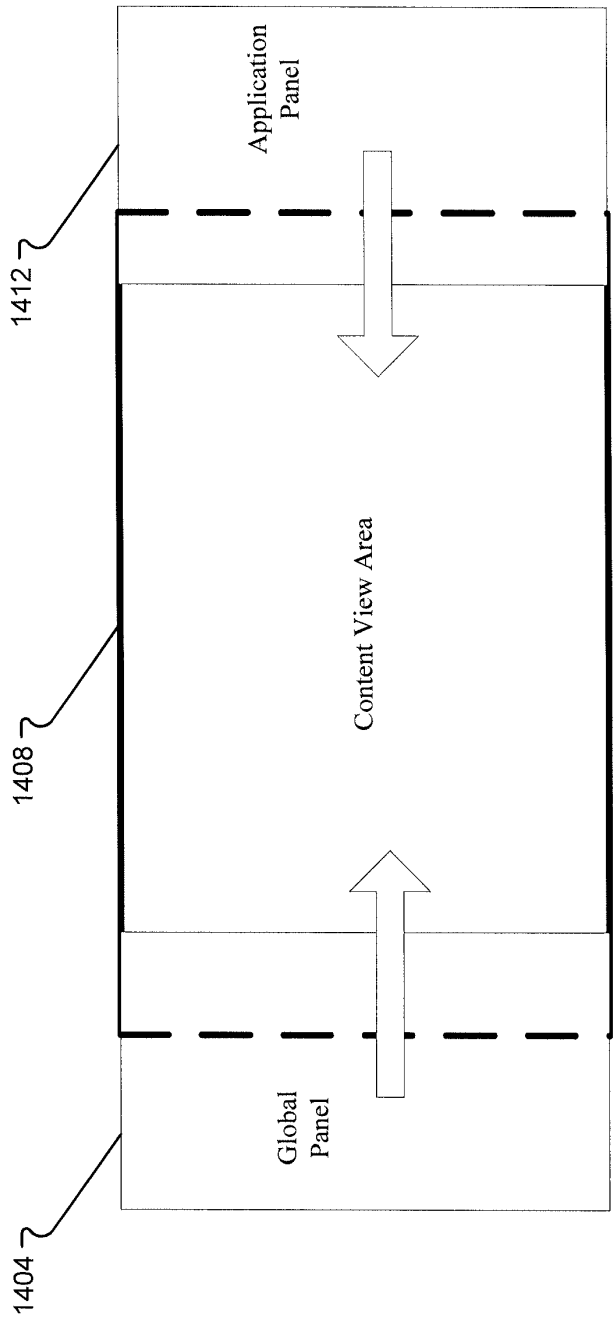

Application Panel
Content View Area
Global Panel
1412
1408
1404

Fig. 14

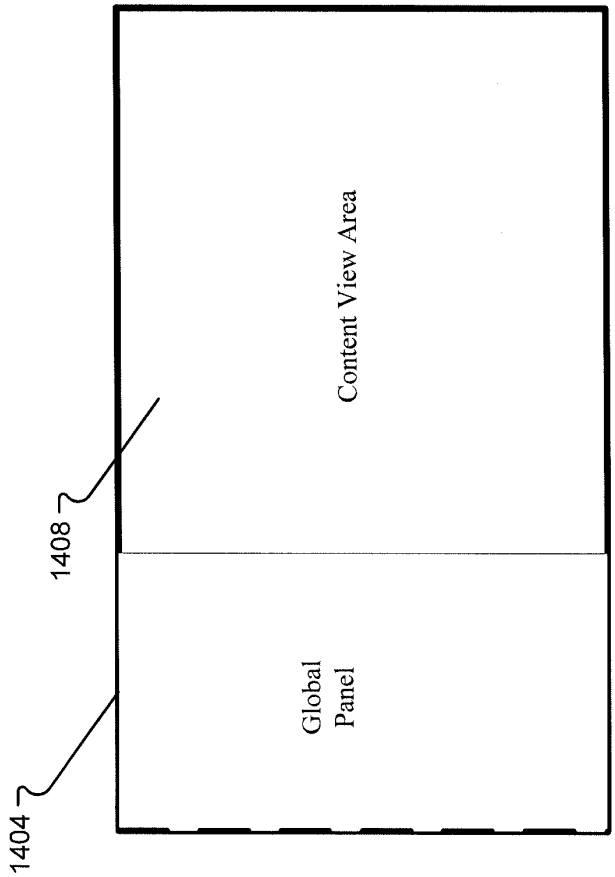


Fig. 15A

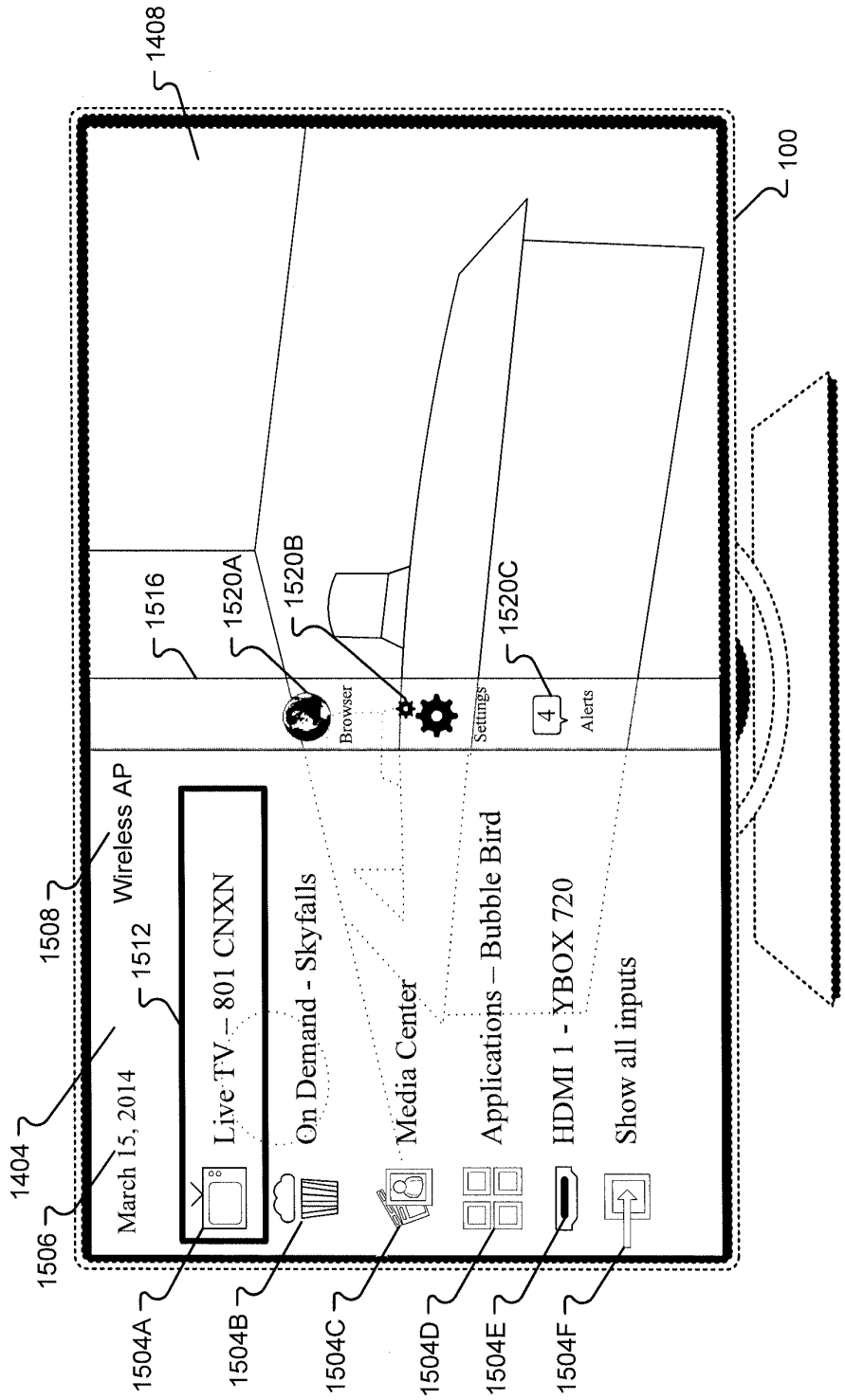

1408
100
1516
1520A
1520B
1520C
Browser
Settings
4
Alerts
Wireless AP
1508
1512
Live TV – 801 CNXN
On Demand - Skyfalls
Media Center
Applications – Bubble Bird
HDMI 1 - YBOX 720
Show all inputs
March 15, 2014
1404
1506
1504A
1504B
1504C
1504D
1504E
1504F

Fig. 15B

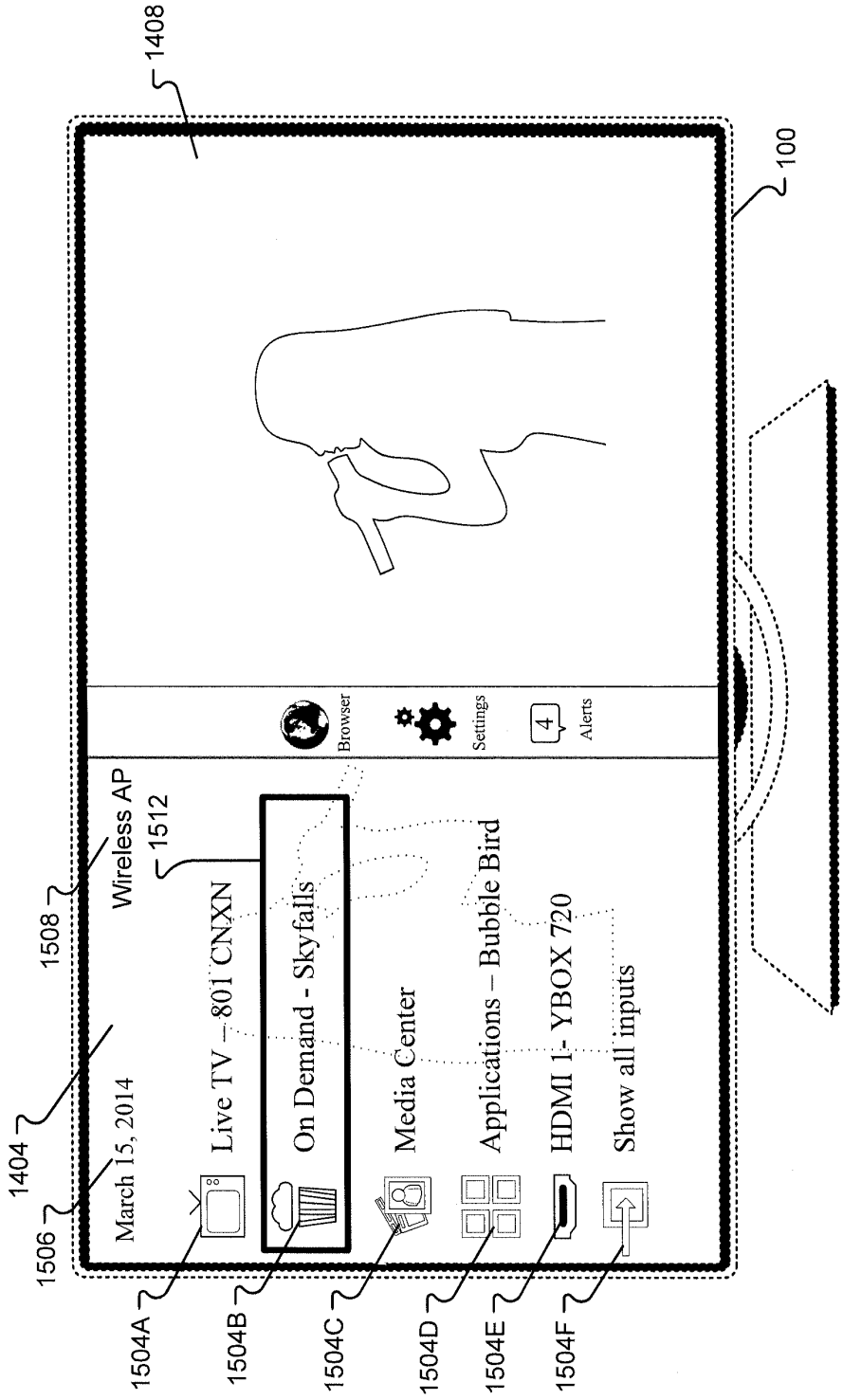

1408
100
1508
Wireless AP
1512
1404
1506
March 15, 2014
Live TV – 801 CNXN
On Demand - Skyfalls
Media Center
Applications – Bubble Bird
HDMI 1- YBOX 720
Show all inputs
Browser
Settings
4
Alerts
1504A
1504B
1504C
1504D
1504E
1504F

Fig. 15C

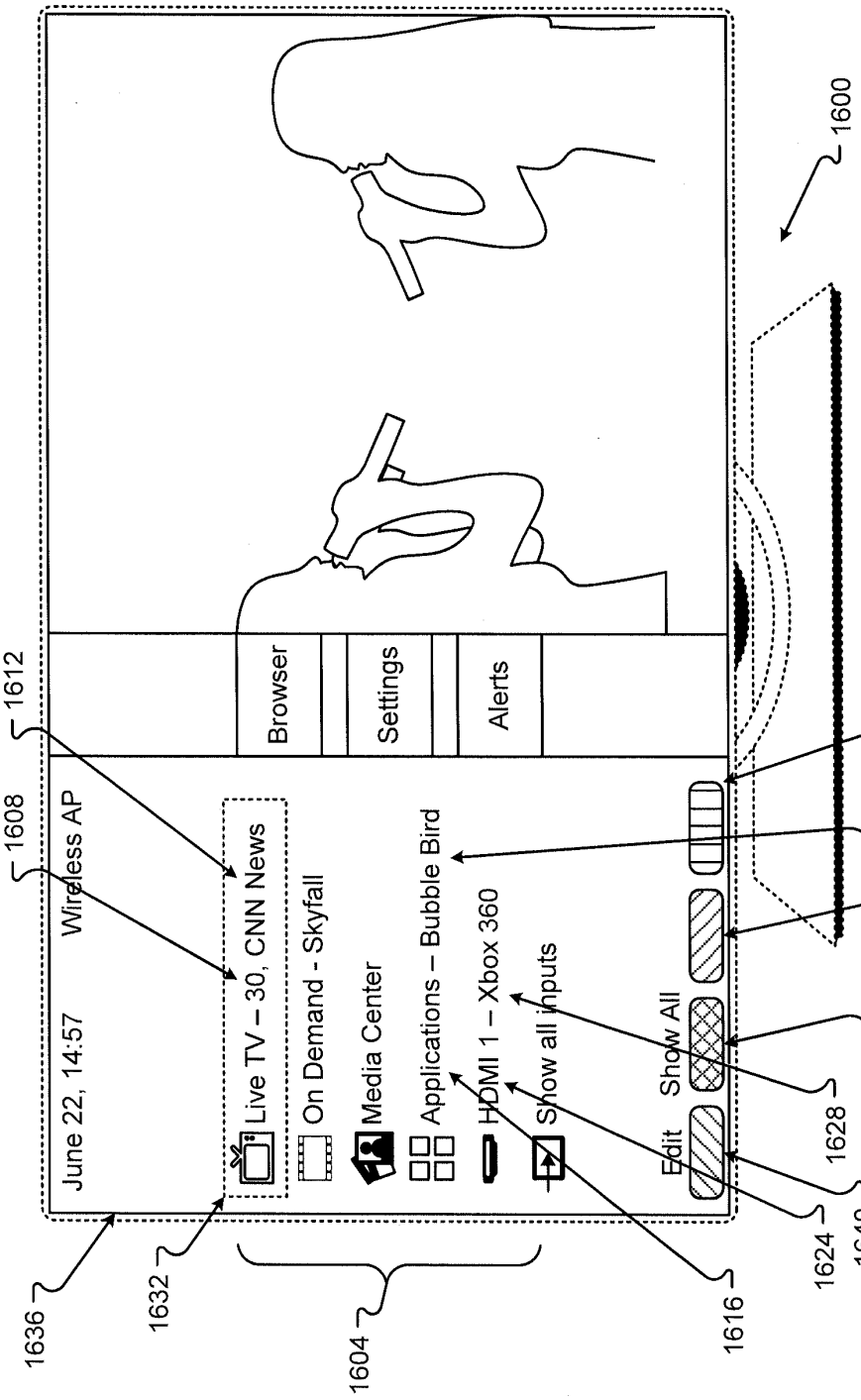

1600
1612
1608
1636
1632
1604
1616
1624
1640
1628
1642
1644
1646
1620
Browser
Settings
Alerts
June 22, 14:57
Wireless AP
Live TV – 30, CNN News
On Demand - Skyfall
Media Center
Applications – Bubble Bird
HDMI 1 – Xbox 360
Show all inputs
Edit
Show All

Fig. 16

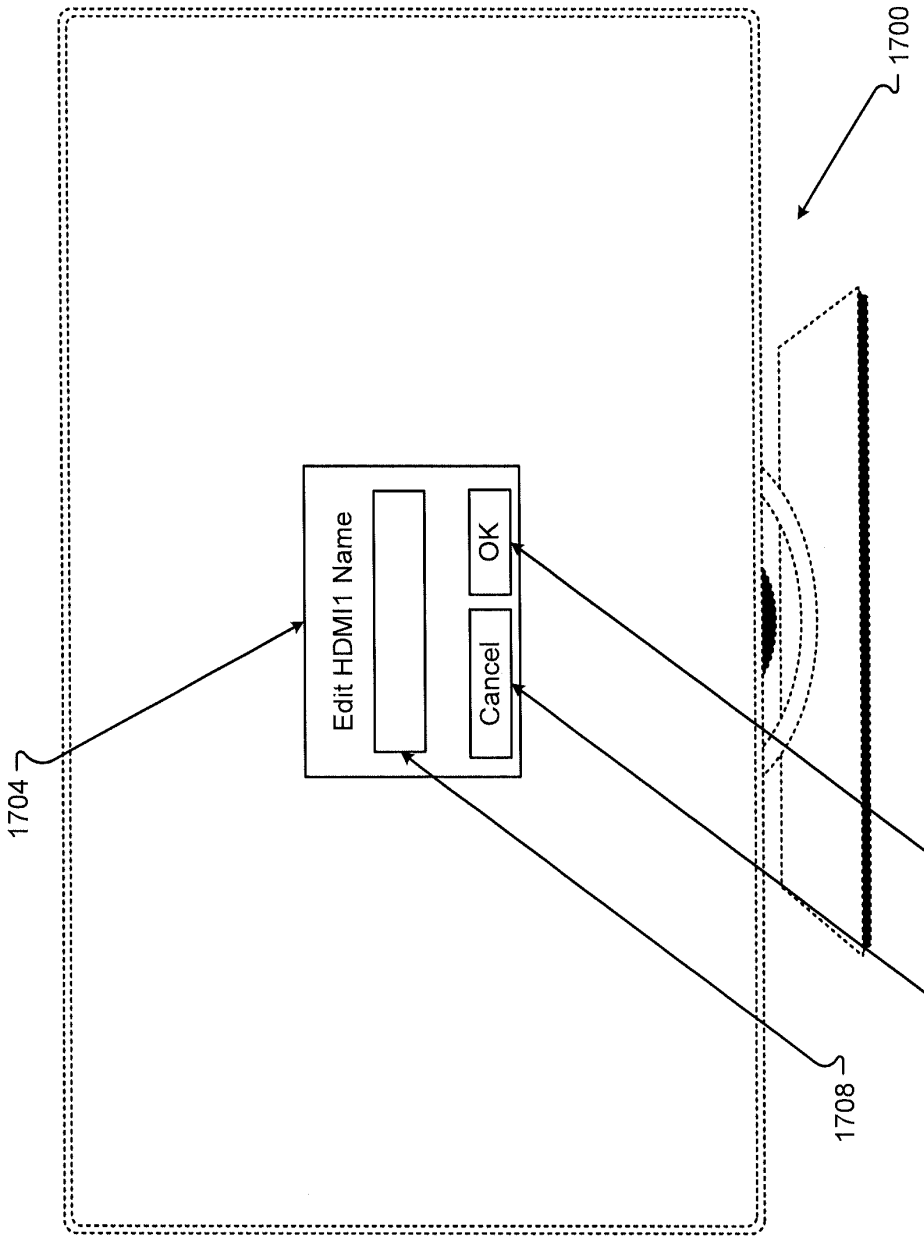


Fig. 17

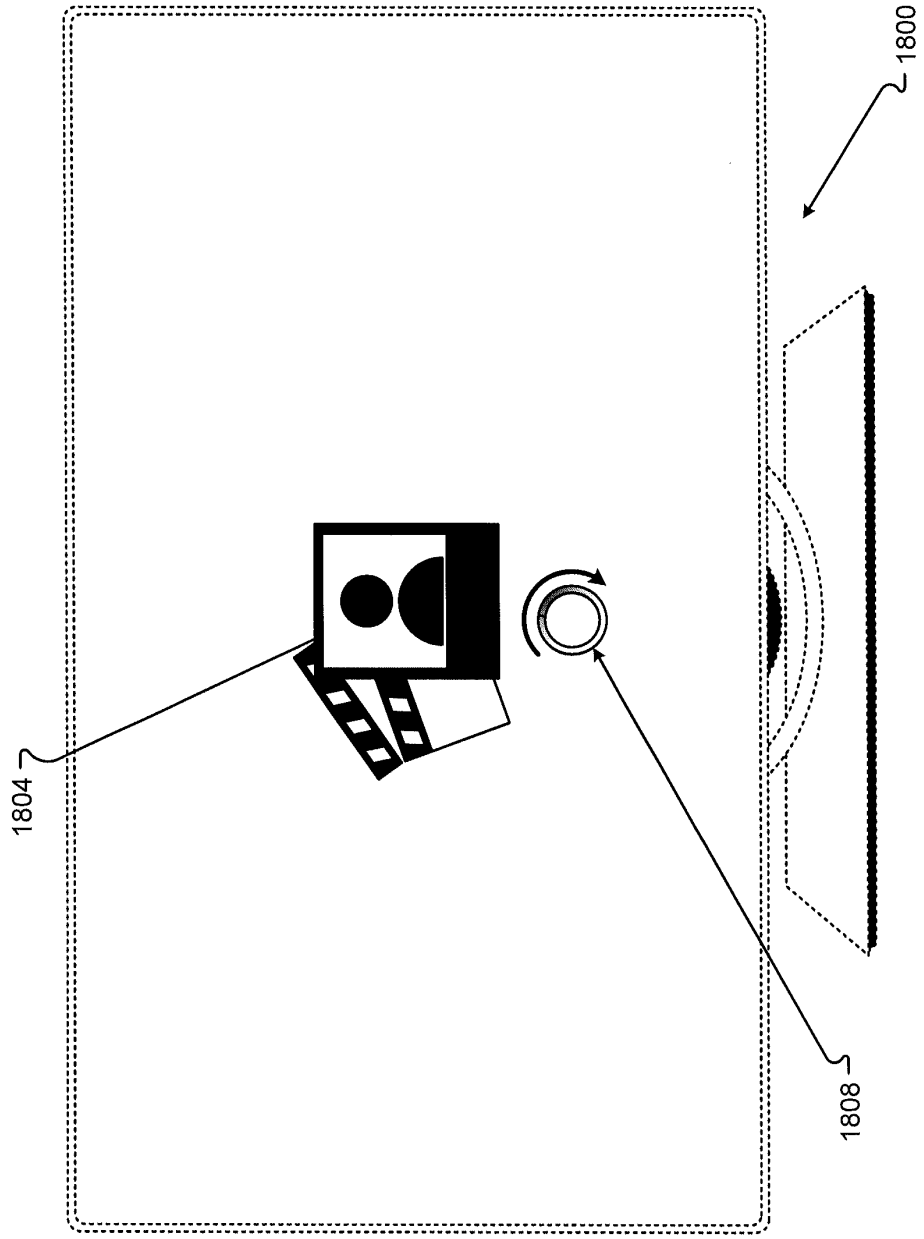


Fig. 18

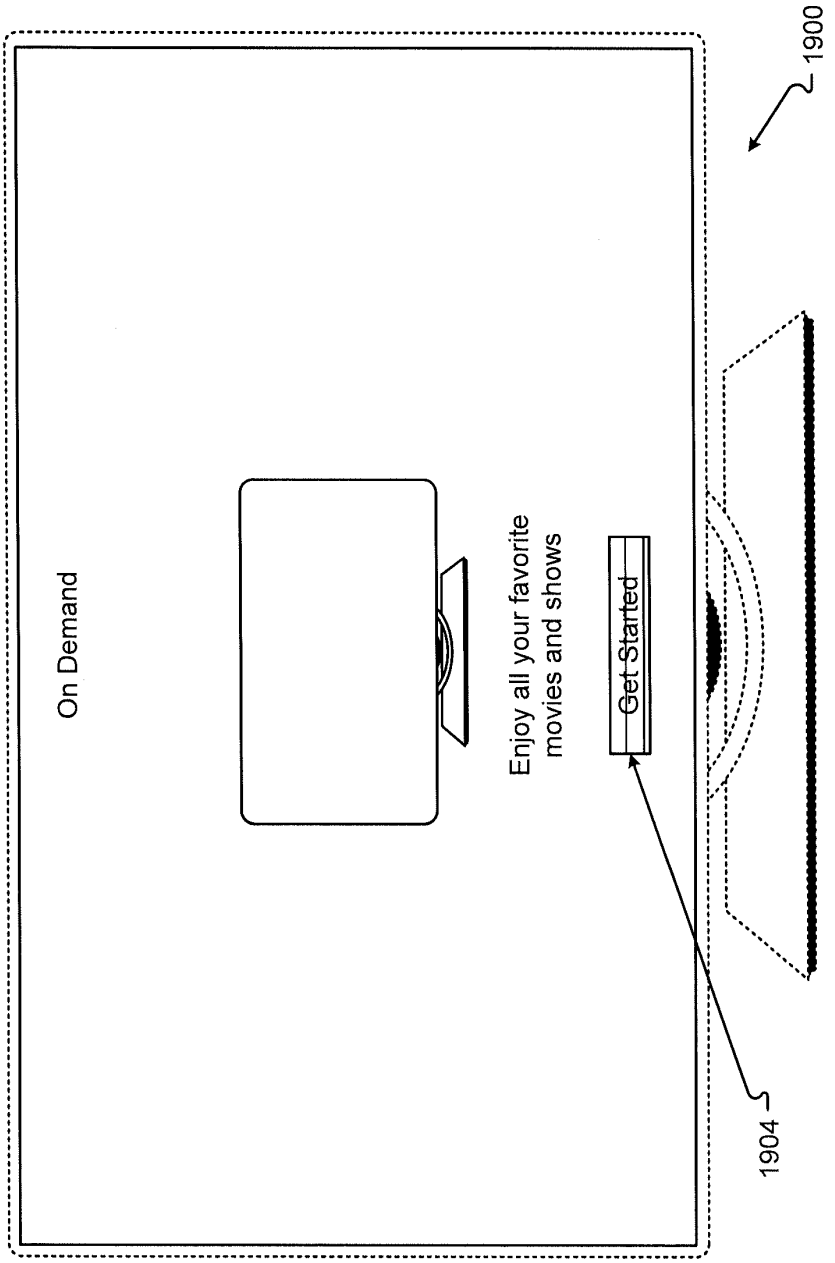

1900
On Demand
Enjoy all your favorite movies and shows
Get Started
1904

Fig. 19A

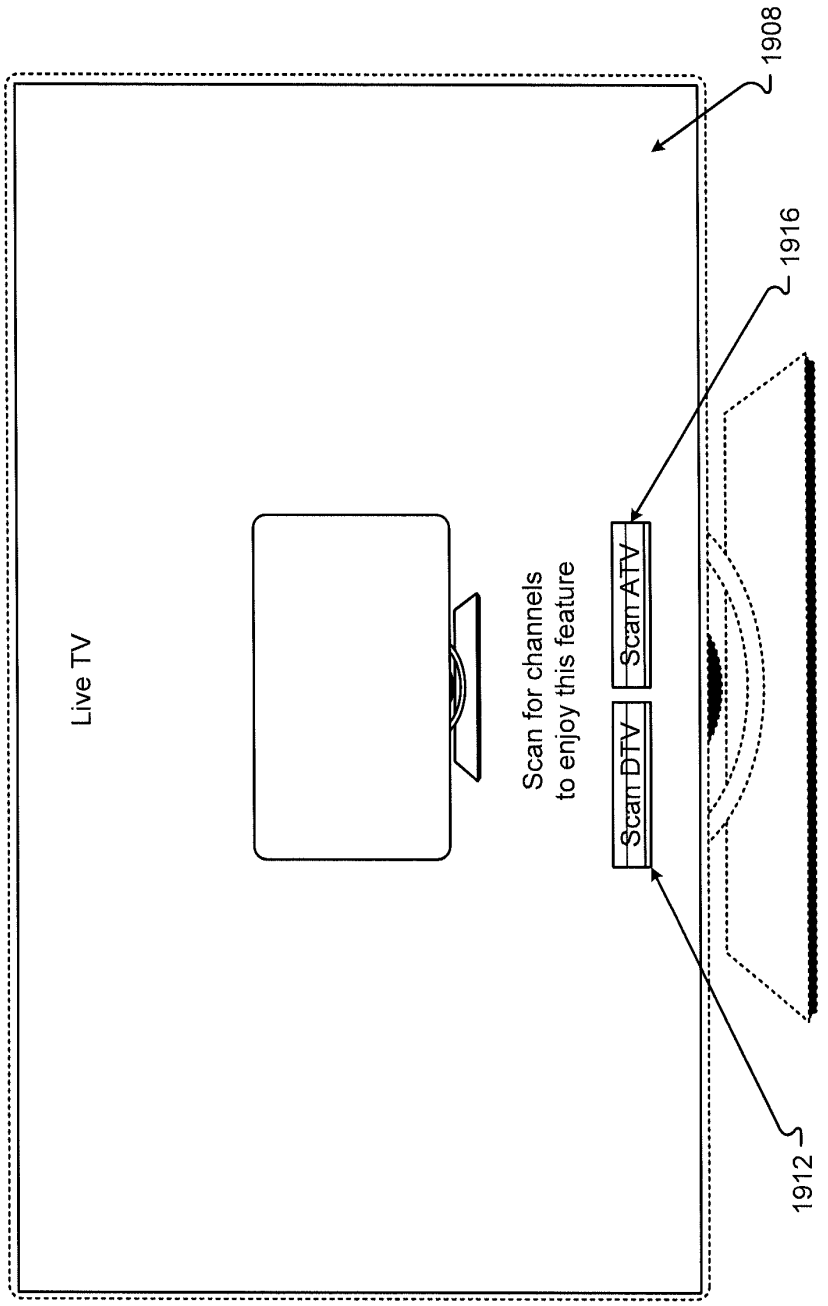

1908
1916
Live TV
Scan for channels
to enjoy this feature
Scan ATV
Scan DTV
1912

Fig. 19B

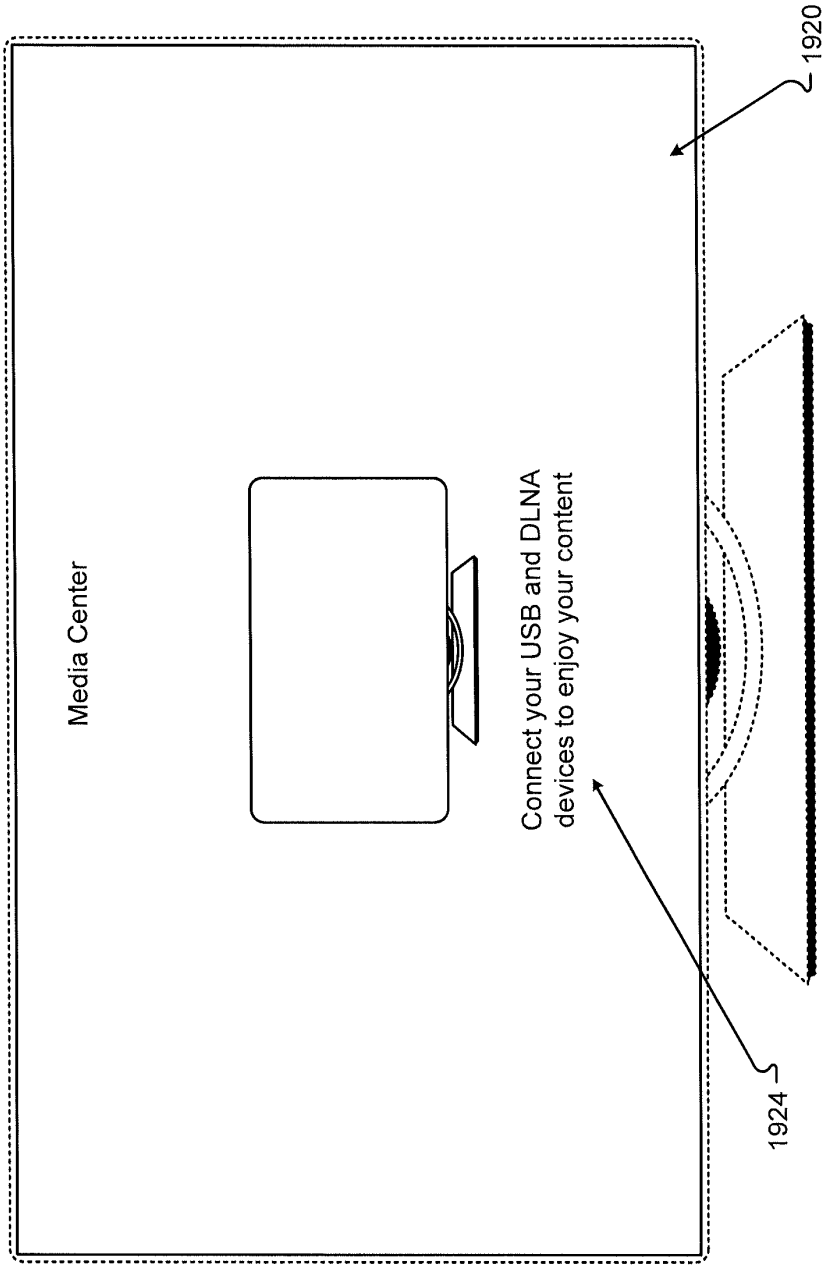

1920
Media Center
Connect your USB and DLNA devices to enjoy your content
1924

Fig. 19C

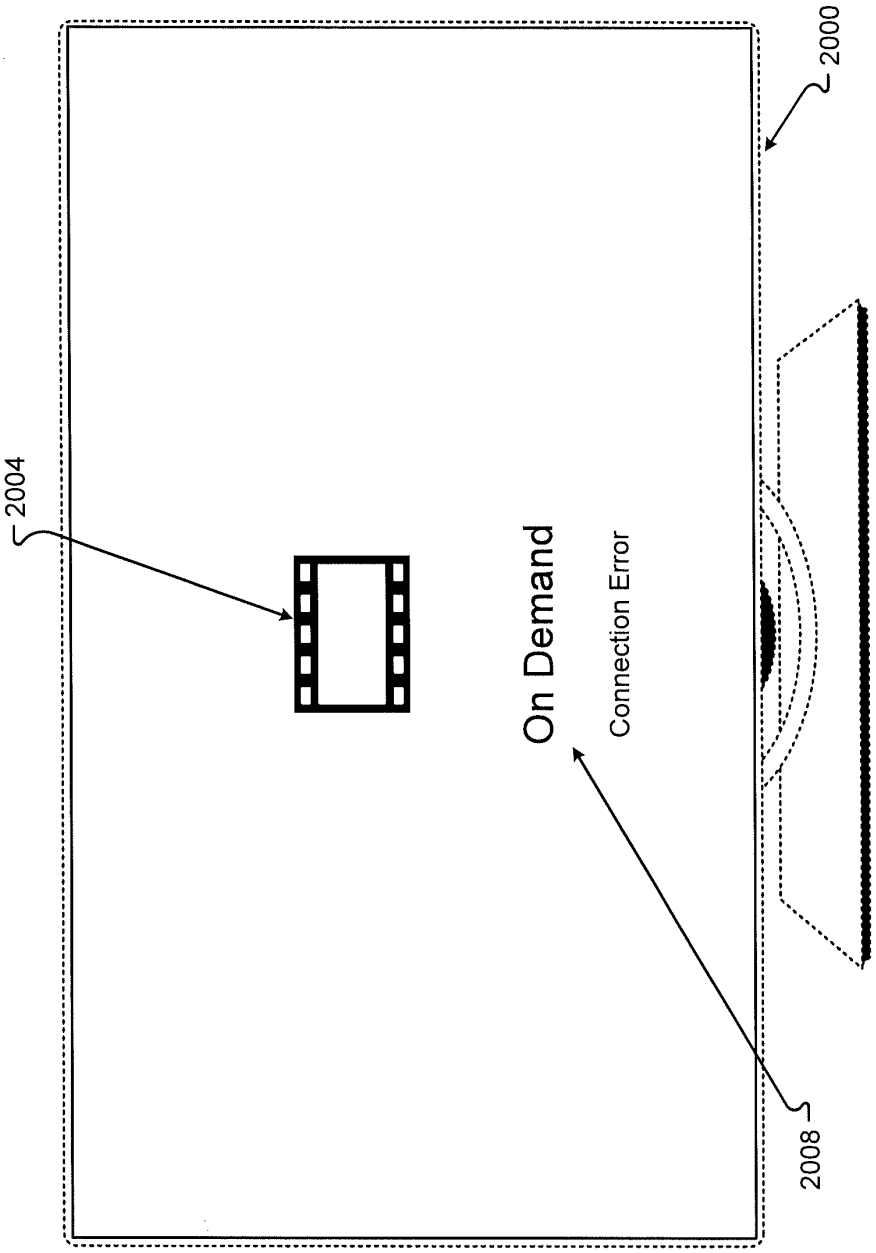


Fig. 20A

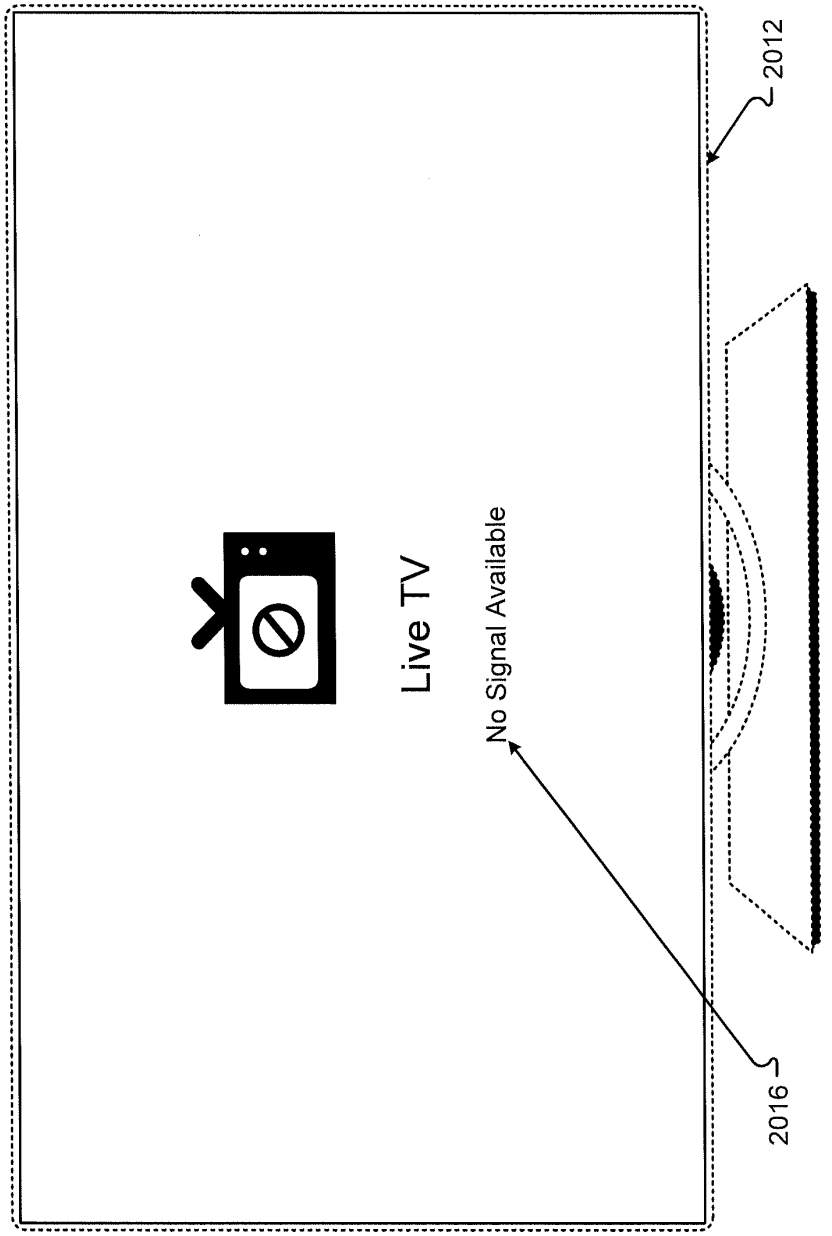


Fig. 20B

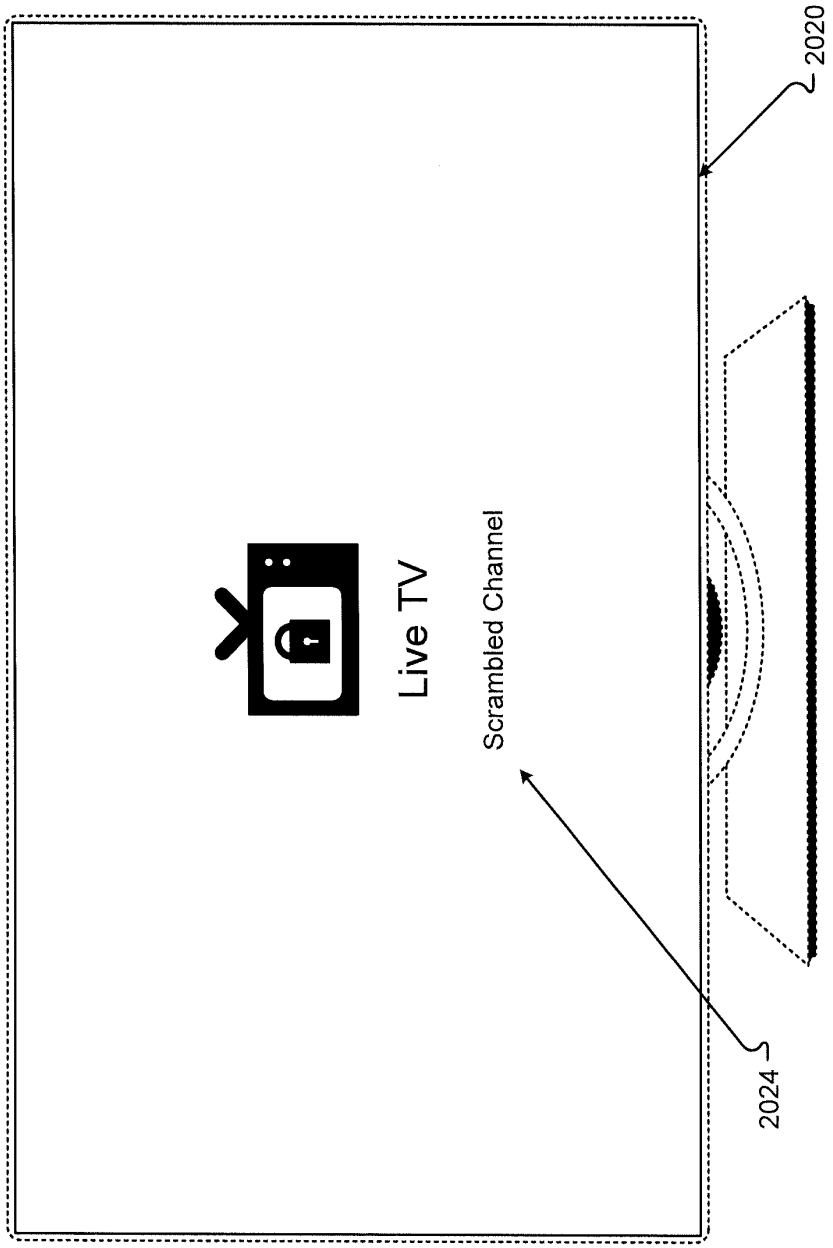


Fig. 20C

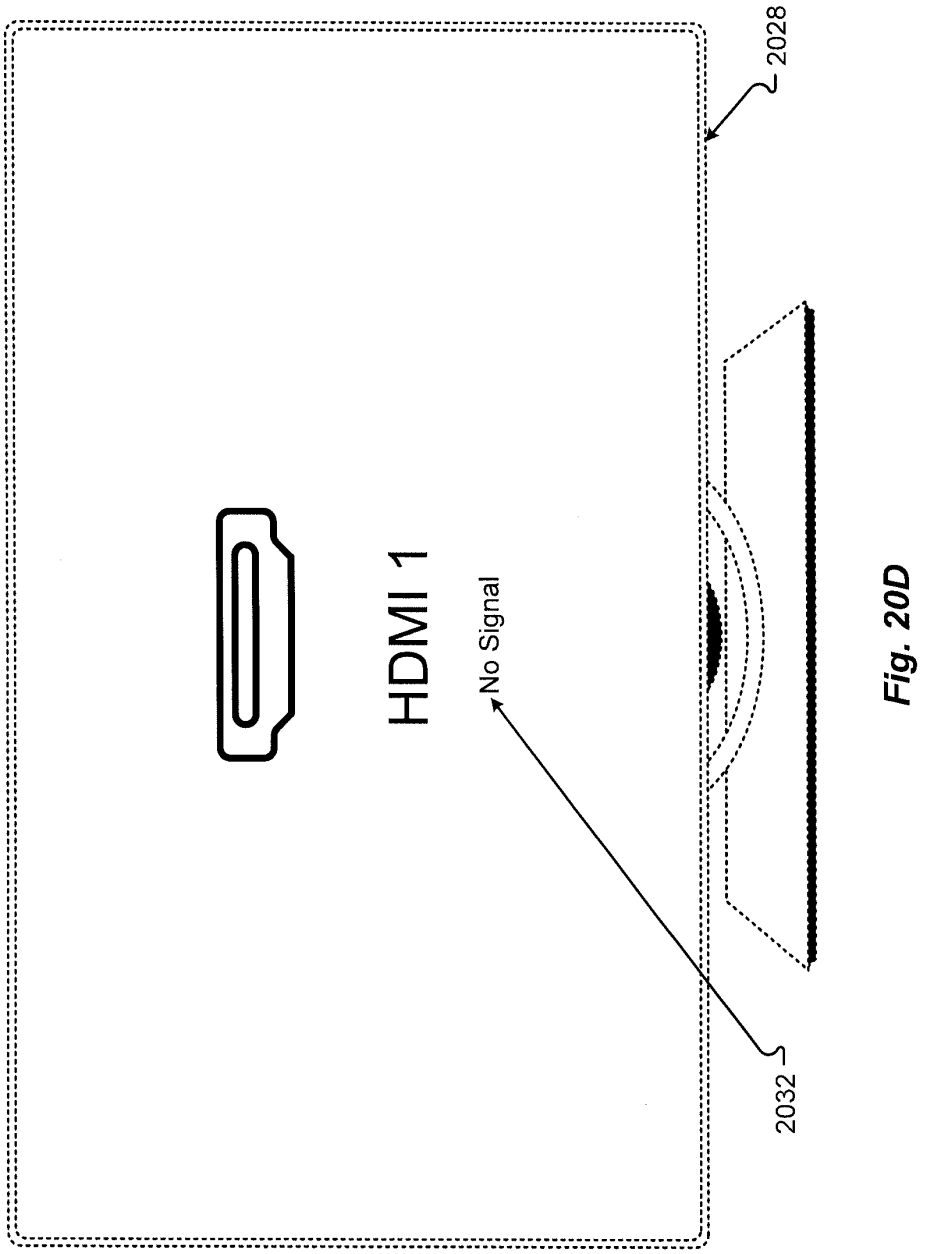


Fig. 20D

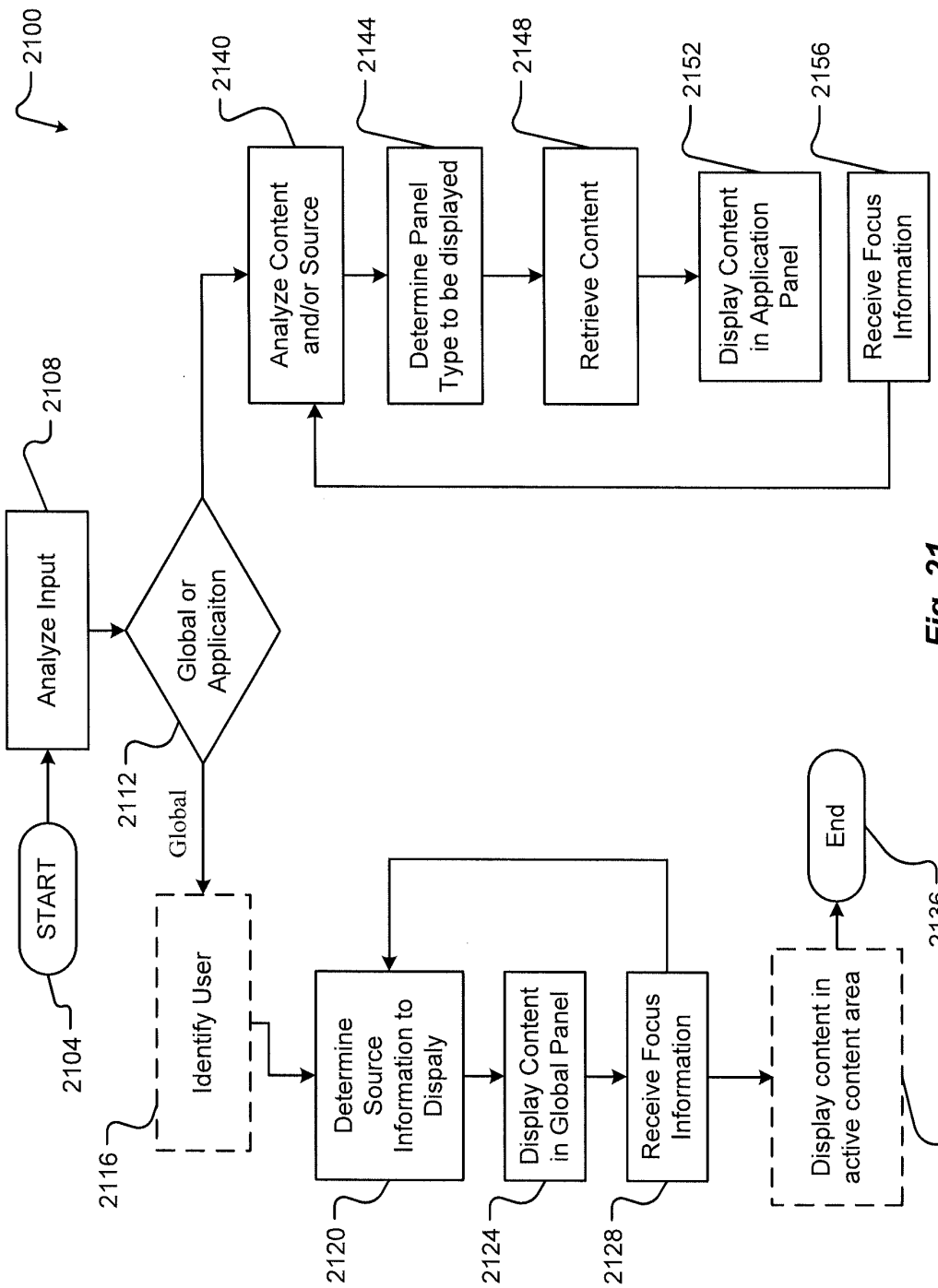

2100
START
2104
Analyze Input
2108
Global or Applicaiton
2112
Global
Identify User
2116
Determine Source Information to Dispaly
2120
Display Content in Global Panel
2124
Receive Focus Information
2128
Display content in active content area
2132
End
2136
Analyze Content and/or Source
2140
Determine Panel Type to be displayed
2144
Retrieve Content
2148
Display Content in Application Panel
2152
Receive Focus Information
2156

Fig. 21

Atty. Docket No. 6583-481

PTO/AIA/01 (06-12)
Approved for use through 01/31/2014. OMB 0651-0032
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 displays a valid OMB control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	GLOBAL PANEL

As the below named inventor, I hereby declare that:

This declaration is directed to:

☐ The attached application, or

■ United States application or PCT international application number 13/970,374 filed on August 19, 2013.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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.

LEGAL NAME OF INVENTOR

Inventor: Salvador Soto Date (Optional): 25-SEP-2013

Signature: _____

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 minute 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.

Atty. Docket No. 6583-481

PTO/AIA/01 (06-12)
Approved for use through 01/31/2014. OMB 0651-0032
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 displays a valid OMB control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	GLOBAL PANEL

As the below named inventor, I hereby declare that:

This declaration is directed to:

☐ The attached application, or

☒ United States application or PCT international application number 13/970,374 filed on August 19, 2013.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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.

LEGAL NAME OF INVENTOR

Inventor: Fuqu Wu Date (Optional): Sep 25, 2013

Signature: _____

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 minute 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.

PTO/AIA/01 (06-12)
Approved for use through 01/31/2014. OMB 0651-0032
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 displays a valid OMB control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	GLOBAL PANEL

As the below named inventor, I hereby declare that:

This declaration is directed to:

☐ The attached application, or

☒ United States application or PCT international application number 13/970,374 filed on August 19, 2013.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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.

LEGAL NAME OF INVENTOR

Inventor: Sanjiv Sirpal Date (Optional) :

Signature: Sanjiv Sirpal

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 minute 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.

Atty. Docket No. 6583-481

PTO/AIA/01 (06-12)
Approved for use through 01/31/2014. OMB 0651-0032
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 displays a valid OMB control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	GLOBAL PANEL

As the below named inventor, I hereby declare that:

This declaration is directed to:

☐ The attached application, or

☒ United States application or PCT international application number 13/970,374

filed on August 19, 2013.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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.

LEGAL NAME OF INVENTOR

Inventor: Mohammed Selim Date (Optional) :

Signature:

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 minute 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.

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
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 displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 14/834,316	Filing Date 08/24/2015	☐ To be Mailed

ENTITY: ☒ LARGE ☐ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)		
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ 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 $ =	
☐ 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).			
☐ 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	

APPLICATION AS AMENDED – PART II

AMENDMENT	08/24/2015	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 22	Minus	** 22	= 0	X $80 =	0
	Independent (37 CFR 1.16(h))	* 2	Minus	***3	= 0	X $420 =	0
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	0

AMENDMENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L 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.

LIE
/MARQUITA JONES/

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.