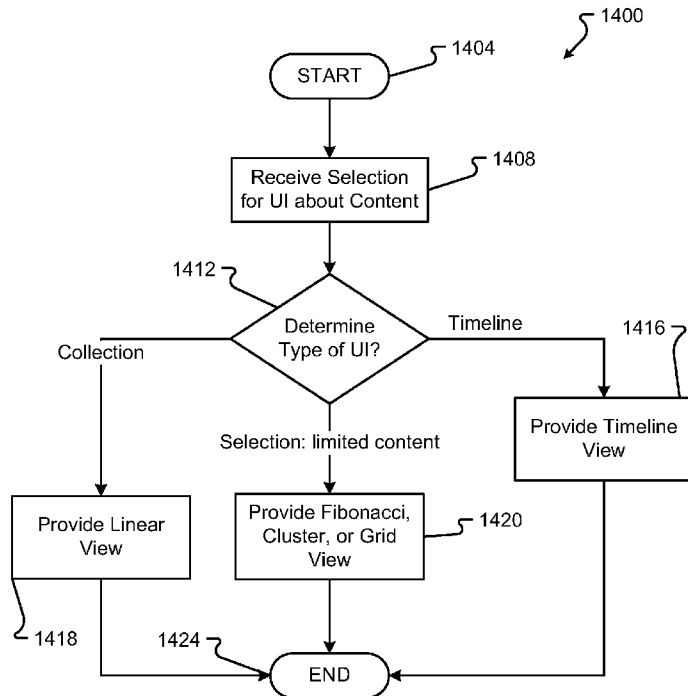




- (51) International Patent Classification: 61/805,027 25 March 2013 (25.03.2013) US  
G06F 3/0481 (2013.01) 61/804,990 25 March 2013 (25.03.2013) US
- (21) International Application Number: PCT/US2013/055592 61/804,942 25 March 2013 (25.03.2013) US  
61/805,003 25 March 2013 (25.03.2013) US  
61/804,971 25 March 2013 (25.03.2013) US
- (22) International Filing Date: 19 August 2013 (19.08.2013) (71) Applicant: FLEXTRONICS AP, LLC [US/US]; 6201 America Center Drive, San Jose, CA 95134 (US).
- (25) Filing Language: English (72) Inventors: DE PAZ, Alexander; 5444 Valleyhigh Drive, Burlington, ON L7L 6Z6 (CA). SIRPAL, Sanjiv; 3264 Stocksbridge Avenue, Oakville, ON L6M 0E3 (CA). SELIM, Mohammed; 2488 Oakhaven Drive, Oakville, ON L6M4B9 (CA). LIMONGI, Karina, A.; 2109 Shady Glen Road, Oakville, ON L6M 3P1 (CA).
- (26) Publication Language: English (74) Agent: PEARSON, Kendria, E.; Sheridan Ross P.C., 1560 Broadway, Suite 1200, Denver, CO 80202 (US).
- (30) Priority Data: (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, US  
61/684,672 17 August 2012 (17.08.2012) US  
61/697,710 6 September 2012 (06.09.2012) US  
61/700,182 12 September 2012 (12.09.2012) US  
61/702,650 18 September 2012 (18.09.2012) US  
61/736,692 13 December 2012 (13.12.2012) US  
61/798,821 15 March 2013 (15.03.2013) US  
61/805,042 25 March 2013 (25.03.2013) US  
61/805,053 25 March 2013 (25.03.2013) US  
61/805,038 25 March 2013 (25.03.2013) US  
61/805,030 25 March 2013 (25.03.2013) US  
61/804,998 25 March 2013 (25.03.2013) US

[Continued on next page]

(54) Title: USER INTERFACE FOR AN INTELLIGENT TELEVISION



(57) Abstract: An intelligent television can provide various interfaces for navigating processes associated with providing content. The user interfaces include unique visual representations and organizations that allow the user to utilize the intelligent television more easily and more effectively. Particularly, the user interfaces' layout, aspect ratio of elements, display of elements, and size of selectable images are dependent on the type of content presented. Further, the user interfaces provide unique process of transitioning between the content.

WO 2014/028933 A3

HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

**(84) Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU,

LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

**Published:**

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

**(88) Date of publication of the international search report:**  
8 May 2014

INTERNATIONAL SEARCH REPORT

13/055592-10-03-2014  
International application No.

PCT/US13/55592

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 3/0481 (2014.01)

USPC - 715/848

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

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(8) Classification(s): H04N 21/47; G06F 3/01, 3/0481 (2014.01)

USPC Classification(s): 725/811, 838, 848

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

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

MicroPatent (US-G, US-A, EP-A, EP-B, WO, JP-bib, DE-C,B, DE-A, DE-T, DE-U, GB-A, FR-A); ProQuest; IEEE; Google/Google Scholar

Keywords: GUI, Fibonacci, Timeline, Grid, Thumbnail, Smart TV, Favorite, Icon, Select

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ----- Y	US 2011/0131506 A1, (CALLISENDORFF, E.), 02 June 2011; figures 5a-5d, paragraphs [0025], [0032], [0047], [0077], [0091], [0110], [0112], [0113], [0120]	1 ----- 2-20
Y	US 2011/0252446 A1, (JEONG, Y. et al.); 13 October 2011; Claim 20, figures [0020], [0145], [0163], [0444]	2-5, 13-14, 17-20
Y	US 2010/0241962 A1, (PETERSON, T. et al.), 23 September 2010; figure 7, paragraphs [0011], [0037], [0039], [0060]	3-5, 12-16, 18
Y	US 2005/0091596 A1, (ANTHONY, C. et al.), 28 April 2005; paragraphs [0042], [0043], [0044], [0046], [0047], [0063]	6-11, 15, 19

Further documents are listed in the continuation of Box C.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 05 February 2014 (05.02.2014)	Date of mailing of the international search report <b>10 MAR 2014</b>
--	--

Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201	Authorized officer: Shane Thomas  PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774
---	--