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- (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, 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, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, 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, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, 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.

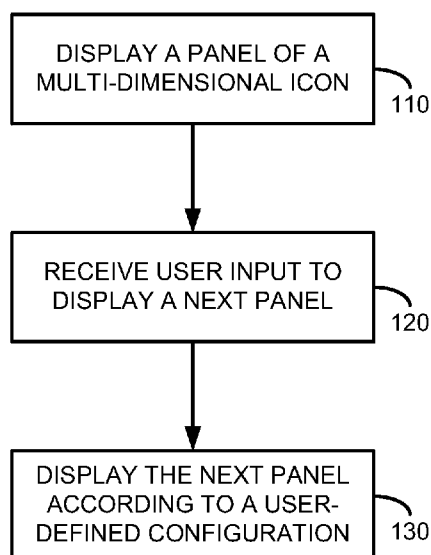
- (84) **Designated States (unless otherwise indicated, for every kind of regional protection available):** ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, 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, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

[Continued on next page]

- (54) **Title:** GRAPHICAL USER INTERFACE WITH CUSTOMIZED NAVIGATION



(57) **Abstract:** The present application relates to a multi-dimensional icon that includes a plurality of panels linked together in a user-configurable structure. Based on user input, such as a flick or other gesture, the multi-dimensional icon can rotate to the next of a series of linked panels. In one embodiment, each linked panel can also have functionality or content associated therewith that is customizable by the user. For example, the user can select the panel to launch an application, a web page, or view content (e.g., a photo). In another embodiment, data can also be associated with a panel so that if the user selects the panel, an application can be launched or a website opened, using the data as a customization parameter.

FIG. 1



- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))* — *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))*

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A. CLASSIFICATION OF SUBJECT MATTER**G06F 3/048(2006.01)i, G06F 3/14(2006.01)i**

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

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G06F 3/048; H04M 1/00; G06T 15/00; G06F 3/01; G06F 3/041

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: multiple dimensional icon or panel, mobile, rotate, icon grouping

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2010-0169836 A1 (STALLINGS HEATH et al.) 01 July 2010 See abstract, paragraphs [0012]-[0018],[0037]-[0042], claims 1,2 and figures 1,6-9.	1-10
A	US 2010-0050129 A1 (LI JISHENG et al.) 25 February 2010 See abstract, paragraphs [0011]-[0014],[0030]-[0031], claims 1-5 and figures 3-7.	1-10
A	US 2010-0093400 A1 (JU SEOKHOON et al.) 15 April 2010 See abstract, paragraphs [0152]-[0163], claims 1-11 and figures 3-21.	1-10
A	US 2011-0065478 A1 (KIM JUNHEE et al.) 17 March 2011 See abstract, paragraphs [0009]-[0011],[0118]-[0130], claim 1 and figures 4-10.	1-10



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

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

"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

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

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

"&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2010-0169836 A1	01.07.2010	None	
US 2010-0050129 A1	25.02.2010	None	
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		KR 10-2010-0040406 A	20.04.2010
		US 8286098 B2	09.10.2012
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