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[Continued on next page]

(54) Title: KEY STRIKE DETERMINATION FOR PRESSURE SENSITIVE KEYBOARD

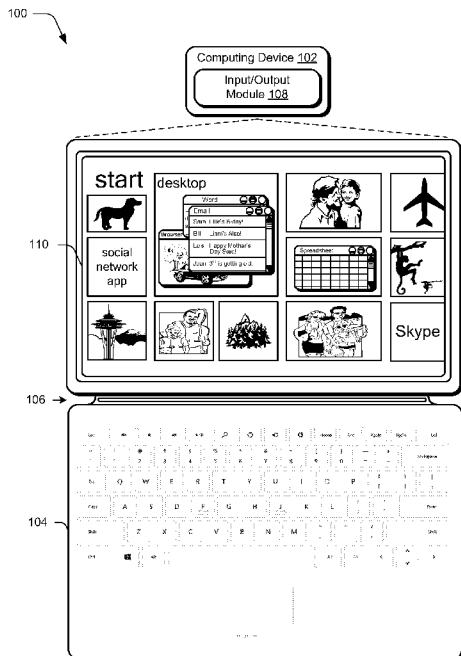


Fig. 1

- (57) Abstract: A pressure sensitive keyboard includes multiple pressure sensors associated with the keys of the keyboard. In response to pressure applied to one or more keys of the keyboard, a determination is made as to whether the pressure applied is a key strike (a user selection of a key). Various different factors can be used in determining whether the pressure applied is a key strike, such as the amount of the pressure applied, a rate at which the pressure is applied, a number of keys to which pressure is applied, when the pressure is applied relative to previous key strikes, and so forth.

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

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## INTERNATIONAL SEARCH REPORT

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**PCT/US2013/028487****A. CLASSIFICATION OF SUBJECT MATTER****G06G 3/02(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)  
G06G 3/02; G06F 3/02; G06F 3/048; G06F 3/039; G06F 3/041; G09G 5/00Documentation 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 modelsElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
eKOMPASS(KIPO internal) & Keywords: key, pressure, strike, threshold, computing device, keyboard and similar terms.**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2010-0265182 A1 (VINCENT BALL et al.) 21 October 2010 See paragraphs 8-9, 12, 22, 27; figures 1-3; and claim 2.	1-10
X	US 2011-0248941 A1 (SAMER ABDO et al.) 13 October 2011 See paragraphs 66, 94, 120; figures 1, 20; and claim 1.	1-10
A	US 2011-0050576 A1 (BABAK FORUTANPOUR et al.) 3 March 2011 See paragraphs 49-53; figures 3-4; and claims 1-2.	1-10
A	KR 10-2011-0120002 A (G&I COMPANY) 3 November 2011 See paragraphs 21-27; figure 1; and claims 1, 4.	1-10
A	JP 2010-244514 A (SONY CORP.) 28 October 2010 See paragraphs 86-90; figure 16; and claim 1.	1-10

 Further documents are listed in the continuation of Box C. See patent family annex.

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"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

"&amp;" document member of the same patent family

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Information on patent family members

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