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(72) Inventor; and

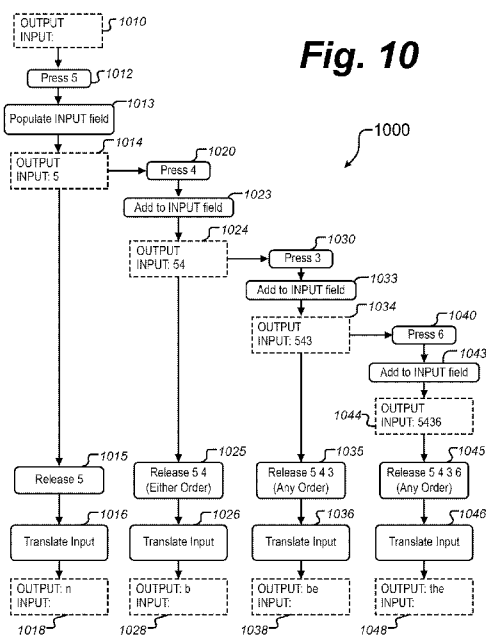
(71) Applicant : DENNIS, John Zachary [US/US]; 4254
Perlita Avenue, Los Angeles, California 90039 (US).(74) Agent: HUNTER, William E.; Fish & Richardson P.C.,
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(54) Title: TYPING INPUT SYSTEMS, METHODS, AND DEVICES

Fig. 10

(57) Abstract: Systems, devices, and techniques are disclosed relating to typing input devices. For example a ten-key input device can be provided for receiving input via ten input elements from the ten fingers on a right hand and a left hand. All of the letters of the alphabet can be typed with the ten input elements according to a translation map that maps the ten input elements or combinations of the ten input elements to the letters of the alphabet.

A. CLASSIFICATION OF SUBJECT MATTER**G06F 3/023(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 3/023; H03M 11/08; B41J 5/10; H03M 11/00; G06K 9/00

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: keyboard, input, letter, alphabet, combination, ten, translation, thumb

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2007-148128 A2 (SHARAN, SANTOSH et al.) 27 December 2007 See the abstract, column 12 lines 21-33, claim 1, and figures 2,3.	1-27
A	EP 1052564 A1 (SMITH, JEFFREY) 15 November 2000 See the abstract, paragraphs 30-35, claim 1, and figures 5A,5B.	1-27
A	US 7706616 B2 (KRISTENSSON, PER-OLA et al.) 27 April 2010 See the abstract, column 15 line 35 - column 17 line 53, claim 1, and figures 8A-8E.	1-27
A	US 6378234 B1 (LUO, CHING-HSING) 30 April 2002 See the abstract, column 7 line 46 - column 8 line 51, claim 1, and figure 1.	1-27
A	WO 1996-02394 A1 (STROM, GEORG) 01 February 1996 See the abstract, column 7 line 22 - column 10 line 8, claim 1, and figures 2-4.	1-27



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See patent family annex.

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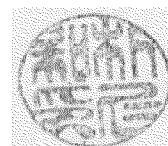
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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