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Previous Correction:

see Notice of 19 March 2015

(54) Title: A MNEMONIC RELATIVE POSITION INTERNATIONAL KEYBOARD SYSTEM SET ON NEW FOCUS FIELD PLATFORM

SUGGESTION / REQUEST:

No knowledge of the world's languages or writing systems is required to understand this patent. This application offers teaching modules beginning with the needed geo-linguistic orientation and an introduction to how each writing system works and how this patent utilizes the inherent features of each language to create mnemonic layouts. Various layouts schemes are explained, however the language and writing system organization must be in color for an examiner to easily understand the features of each language, the inventive steps, the differences between each layout claim, differences between and within languages (and parts of languages) without an examiner having any prior knowledge of any of these languages. The layouts are not random, but are based on intrinsic properties of the language or writing system arranged in patterns analogous to a musical instrument where each key has a qualitative relationship to all other keys in a spatial pattern, that the brain will recognize. The images can be converted to grey scale when needed.

(57) Abstract: The invention is a system comprised of a suite of tools and steps resulting in solutions and component attributes to optimally produce a writing instrument to serve the need for a small keypad on electronic devices in a global marketplace. Qwerty was designed for the mechanical typewriter age with an ad hoc arrangement of letters, which inhibits the invention of new devices. OrrPad maximizes motor- skill on the small platform to optimize a digital writing instrument for electronic interface, that best accommodates the world's writing systems, permitting a vast new ecosystem of devices. Orrpad can be integrated to a mouse to form a Mousekeypad combo for controlling computer devices.



WO 2014/146140 A3

INTERNATIONAL SEARCH REPORT

International application

PCT/IB14/02239

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 13/38 (2015.01)

CPC - G06F 13/385

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) - G06F 13/38 (2015.01)

CPC - G06F 13/385

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
CPC - G06F 1/1632; G06F 3/023 (See Keywords below).

USPC - 710/72, 400/486, 345/163, 348/360, 348/207.1, 348/E05.024, 345/173, 341/22

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

Thomsoninnovation.com; Patbase; Google Scholar; Google Patents; Gogole.com; Freepatentsonline; ProQuest Dialog
Search Terms: Keypad, keyboard, mouse, pointing device, layout, single hand, one hand, alphabet, alphanumeric, key, keys, smartphone, mobile, portable, drive, hard drive, combo, combination, desktop, applications, camera, matrix, grid, fi

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Jabour, "New keyboard layout easy as ABC." In: stuff.co.nz, November 07, 2012 [online] [retrieved on 11 February 2015 (11.02.2015)] Retrieved from the Internet <URL: http://www.stuff.co.nz/technology/7259006/New-keyboard-layout-easy-as-ABC >, entire document, especially Page 1; image in page 1.	1
X -- Y	US 2007/0147933 A1 (ZHANG), 28 June 2007 (28.06.2007), entire document, especially Abstract; Figures 2-3; Para [0006]-[0007], [0021]	1 ----- 4
X -- Y	CN 101950203 A (YU et al.), 19 January 2011 (19.01.2011), entire document, especially Abstract; Figures 1-3	1-2, 2a, 2b, ----- 2c, 3, 3a and 4
X -- Y	US 2008/0120448 A1 (SHI et al.), 22 May 2008 (22.05.2008), entire document, especially Abstract; Para [0004]-[0005]	2, 2b ----- 3, 3a and 4
X	US 2010/0066677 A1 (GARRETT et al.), 18 March 2010 (18.03.2010), entire document, especially Abstract; Para [0041]-[0043]	2, 2b and 2c
X	US 2005/0057508 A1 (KIM), 17 March 2005 (17.03.2005), entire document, especially Abstract; Figure 1; Para [0011]	2

☒ 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

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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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12 February 2015 (12.02.2015)

Date of mailing of the international search report

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International application

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2011/0074679 A1 (WEST, Jr et al.), 31 March 2011 (31.03.2011), entire document, especially Abstract; Para [0010], [0020], [0039]	2c
Y	US 2010/0241868 A1 (NACHEF et al.), 23 September 2010 (23.09.2010), entire document, especially Abstract; Para [0006]-[0007], [0029]	3 and 3a
Y	US 2012/0282914 A1 (ALEXANDER), 08 November 2012 (08.11.2012), entire document, especially Abstract; Para [0041], [0048], [0053]	4
A	US 2011/0279224 A1 (JANG), 17 November 2011 (17.11.2011), entire document	1-2, 2a, 2b, 2c, 3, 3a and 4
A	US 2011/0215954 A1 (PAGE), 08 September 2011 (08.09.2011), entire document	1-2, 2a, 2b, 2c, 3, 3a and 4