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[Continued on next page]

(54) Title: GESTURE CAPTURE FOR MANIPULATION OF PRESENTATIONS ON ONE OR MORE DEVICE DISPLAYS

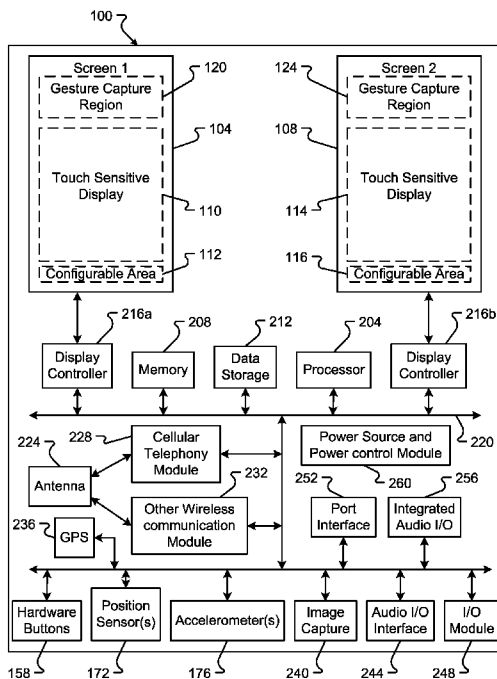


FIG. 2

(57) Abstract: An intuitive technique for inputting user gestures into a handheld computing device is disclosed allowing a user to better manipulate different types of screen display presentations, such as desktops and application windows, when performing tasks thereon, e.g., minimization, maximization, moving between display screens, and increasing/decreasing a display thereof across multiple display screens. For manipulating an application window on a device display screen for performing tasks as identified above, user gestures are input to a corresponding gesture capture area for this display screen, wherein this capture area is separate from this display screen.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - G06F 3/033 (2012.01)
USPC - 715/863
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)
USPC:715/863

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC: 715/700; 345/1.1, 1.2, 157, 173, 550 (keyword limited; terms below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Electronic Database Searched: PubWEST(PGPB, USPT, EPAB, JPAB), Google Scholar
Search Terms Used: two, three, multiple, many, plurality, different, second, screen, display, LCD, monitor, gesture, motion, movement, move, ment, input, control, recognition, detect, camera, detect, sense, area, zone, section, portion, sector, region, space, part, inter

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2009/0278806 A1 (DUARTE ET AL.) 12 November 2009 (12.11.2009) entire document, especially Abstract; para [0012]-[0018], [0043], [0055]-[0063], [0074]-[0078], [0089]-[0096], Fig. 1A-1E, 2, 5	1-22
Y	US 5,252,951 A (TANNENBAUM ET AL.) 12 October 1993 (12.10.1993) entire document, especially Abstract; col 4, ln 22-35; col 5, ln 66-68; col 6, ln 1-15; col 8, ln 36-41, 55-62; col 9, ln 45-48; col 10, ln 44-61; col 11, ln 3-7; col 21, ln 53-58; col 23, ln 37-68; col 24, ln 1-11	1-22
Y	US 2010/0146464 A1 (WILSON ET AL.) 10 June 2010 (10.06.2010) entire document, especially Abstract; para [0090]	10, 11
A	US 2010/0231536 A1 (CHAUDHRI ET AL.) 16 September 2010 (16.09.2010) entire document	1-22
A	US 2010/0211920 A1 (WESTERMAN ET AL.) 19 August 2010 (19.08.2010) entire document	1-22
A	US 2009/0027354 A1 (PERSKI ET AL.) 29 January 2009 (29.01.2009) entire document	1-22
A	US 2007/0046643 A1 (HILLIS ET AL.) 01 March 2007 (01.03.2007) entire document	1-22

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	

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