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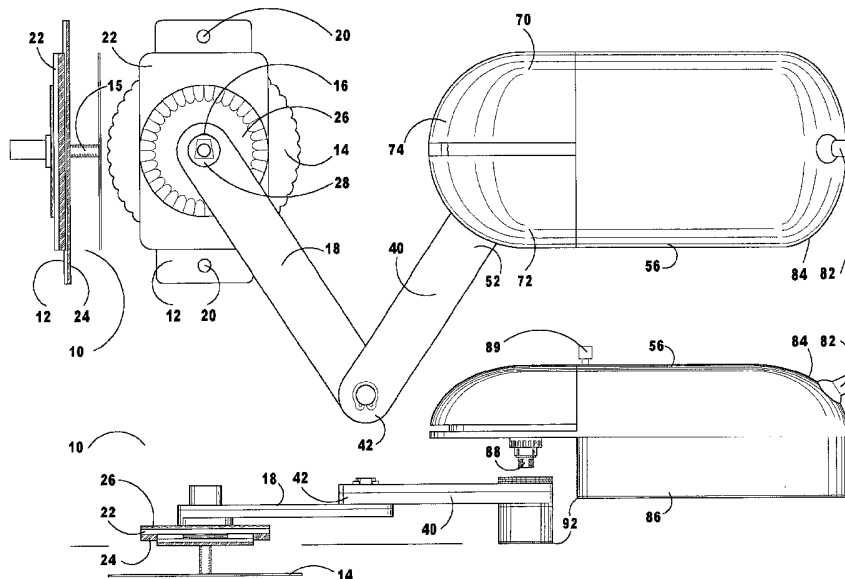
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(54) Title: SCANNING COMPUTER MOUSE



(57) Abstract: A computer pointing device comprises a mouse shell (56) having a camera (88) and mouse buttons (70, 72), at the end of a second pantograph arm (40), attached to a first pantograph arm (18), in turn attached to a base clamp (10). In a first embodiment, the angle of the first pantograph arm (18) with the base clamp (10), the angle of the second pantograph arm (40) with the first pantograph arm (40), the angle of the mouse shell (56) with the second pantograph arm (40), and the lengths of each of the pantograph arms (18, 40) are all used by a logic processor (80) to calculate the position of the mouse shell (56) in Cartesian co-ordinates for communication to a host computer.



WO 2003/067410 A3

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F3/033

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)

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

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

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/040553 A1 (ROSENBERG LOUIS B) 15 November 2001 (2001-11-15)	1-6, 13-16, 19-39, 41-47, 49, 50
Y	page 6, paragraph 66; claim 1; figures 1,2	7-12, 17, 18, 40, 48
Y	US 4 797 544 A (FIGUEROA JOHN A ET AL) 10 January 1989 (1989-01-10) column 7, line 21 - line 33; claim 1; figure 12	7-12, 17, 18, 48
Y	US 5 528 002 A (KATABAMI KOICHIRO) 18 June 1996 (1996-06-18) claims 1,2; figure 1A	40
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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