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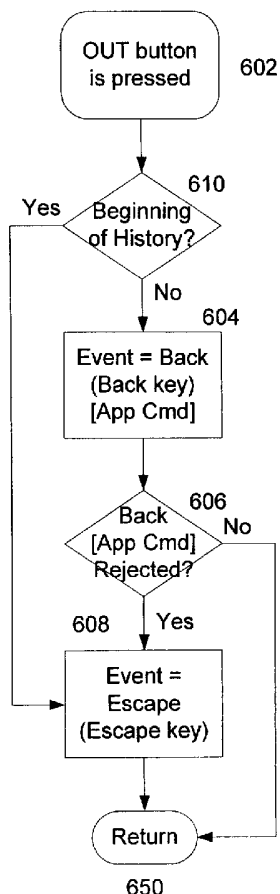
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[Continued on next page]

(54) Title: SYSTEMS AND METHODS FOR INTERFACING WITH COMPUTER DEVICES



(57) Abstract: The present invention provides a systems, methods, and products for enhanced user navigation to compliment (but not necessarily replace) a computer keyboard (40) and mouse (42) by providing a robust navigation interface. The present invention may comprise: a minimally necessary group of commands; combining the functionality a set of at least two command calls into a single logical button; for a single button, prioritizing a set of command calls from first to last and then calling each until one is accepted; logically remapping commands to buttons for a navigational device coupled to a physically rotate-able display device; and mapping a substitute command to a logical button for when the button is engaged in a predetermined manner other than the primary manner in which the logical button is engaged (e.g., double-clicking, flicking, press-and-hold, etc.) so that a substitute command can in fact be issued, among others.

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**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : G09G 5/00  
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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)  
 U.S. : 715/700, 804

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 practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,237,654 (SHACKLEFORD et al) 17 August 1993 (17.08.1993).	1,35
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Y		2-34,36-41
Y	US 6,378,234 B1 (LUO) 30 April 2002 (30.04.2002).	2-34,36-41
Y	US 6,161,158 (MOGAKI) 12 December 2000 (12.12.2000).	37-39

Further documents are listed in the continuation of Box C.

See patent family annex.

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