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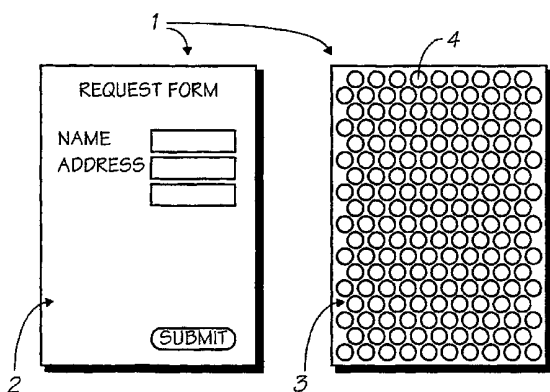
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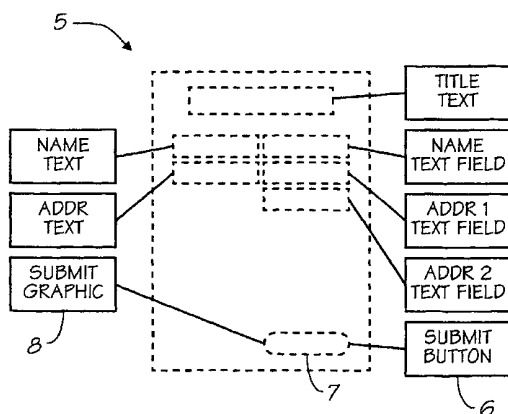
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(54) Title: COMPUTER SYSTEM INTERFACE SURFACE



(57) Abstract: A method and system for enabling user interaction with computer software running in a computer system. The user interaction is via an interface, such as a sheet of paper bearing information relating to the computer software and coded data indicative of an interactive element relating to the computer software. A sensing device is placed in an operative position relative to the interface surface, and senses indicating data indicative of the interactive element. The sensing device also generates movement data indicative of the sensing device's movement relative to the interface surface. The indicating and movement data from the sensing device are received in a computer, and the interactive element identified. The computer software is then operated at least partly in reliance on the movement data, and in accordance with instructions associated with the interactive element.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER		
Int. Cl. ⁷ : G06F 3/03, 3/06, G06K 11/18		
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: G06F 3/--, G06K 11/--		
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) USPTO, esp@cenet, IBM Intellectual Property Network: "machine readable", "bar code", print\$, "hard copy", internet, binder		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO-99/50787-A1 (XEROX CORPORATION) 7 October 1999 See whole document.	1 to 6, 25, 30 to 38, 40 to 43, 45 to 47, 51, 61 to 65, 70 to 74, 81, 82, 88 to 93, 107, 114, 115, 119 to 127, 129 to 132, 134 to 136, 140, 143 to 154, 163, 170, 171, 177, 178
X	GB-2306669-A (RICOH COMPANY LTD) 7 May 1997 See whole document.	1 to 21, 78 to 80, 88 to 109, 167 to 169
E, Y	US-6076734-A (DOUGHERTY et al.) 20 June 2000 See abstract.	27, 110
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input type="checkbox"/> See patent family annex		
* 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
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"O"	document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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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-5852434-A (SEKENDUR) 22 December 1998 See whole document. & US-5477012-A (SEKENDUR) 19 December 1995	30 to 46, 61 to 65, 119 to 135, 150 to 154
Y	Patent Abstracts of Japan, JP-10194562-A (MINOLTA CAMERA KK) 28 July 1998	29, 118
Y	US-5692073-A (CASS) 25 November 1997 See column 16 line 42 to column 19 line 6 and figures 20 to 22.	22, 28, 112, 116
Y	US-5661506-A (LAZZOUNI et al.) 26 August 1997 See whole document. & US-5652412-A (LAZZOUNI et al.) 29 July 1997	30 to 46, 61 to 65, 119 to 135, 150 to 154