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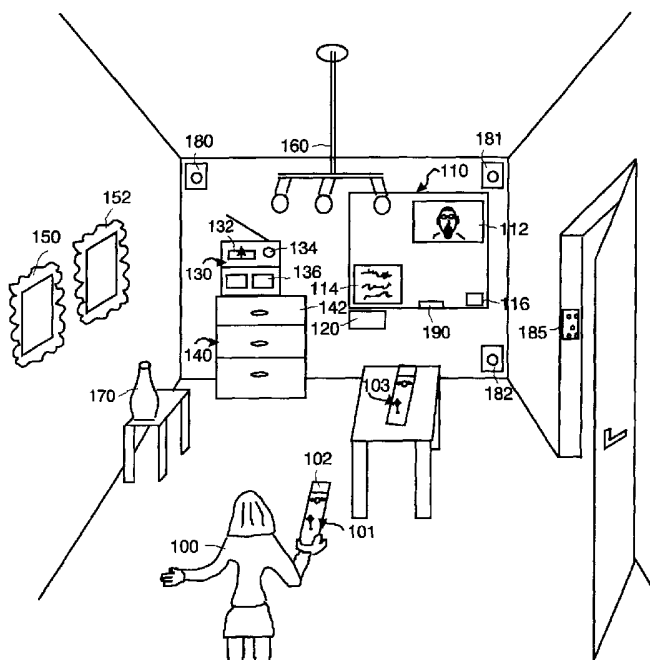
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[Continued on next page]

(54) Title: USER INTERFACE SYSTEM BASED ON POINTING DEVICE



(57) Abstract: The user interaction system comprises a portable pointing device (101) connected to a camera (102) and sending pictures to a digital signal processor (120), capable of recognizing an object (130) and a command given by the user (100) by moving the pointing device (101) in a specific way, and controlling an electrical apparatus (110) on the basis of this recognition.

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F

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	DE 101 10 979 A1 (SIEMENS AG) 26 September 2002 (2002-09-26) paragraph '0001! - paragraph '0031! -----	1-17
X	EP 1 130 906 A (HEWLETT-PACKARD COMPANY; HEWLETT-PACKARD COMPANY, A DELAWARE CORPORATI) 5 September 2001 (2001-09-05) abstract column 3, line 7 - column 6, line 13 -----	1-17
A	US 5 949 351 A (HAHM ET AL) 7 September 1999 (1999-09-07) abstract; figure 1 column 3, line 56 - column 4, line 65 ----- -/--	1-17

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Patent family members are listed in annex.

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- * & * 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.
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