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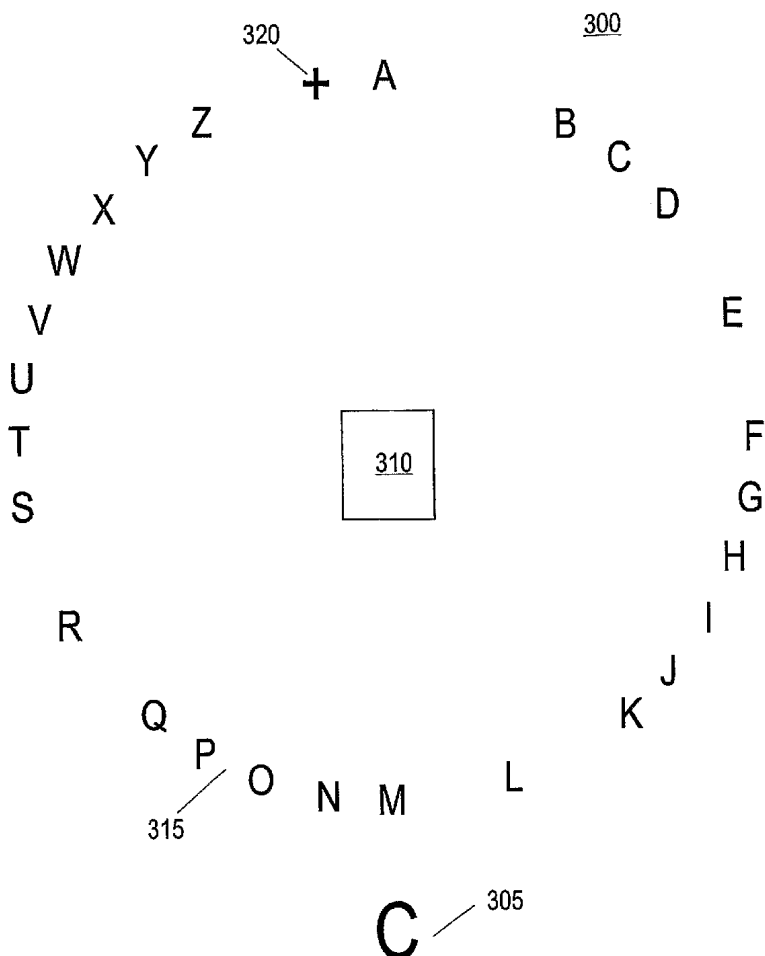
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[Continued on next page]

(54) Title: PREDICTIVE USER INTERFACE



(57) Abstract: A user interface enables the input of text and other complicated inputs by identifying entities having an increased likelihood of being selected and decreasing the precision needed to select these entities. The user interface displays a set of entities in a radial pattern. The user manipulates a pointer with a joystick or other input device to select entities. The entities having a higher selection probabilities are allocated more space in the pattern than the other entities. The entities having a higher selection probabilities may also be emphasized with visual cues. Selection probabilities may be determined by comparing a sequence of entities previously selected, such as a partially input word, with a set of commonly selected sequences of entities, such as a set of words commonly used by users. The user interface can display a list of words corresponding with a sequence of selected entities, including characters from different writing systems.

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FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,  
RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,  
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A. CLASSIFICATION OF SUBJECT MATTER  
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 USPC: 707/5  
 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: 707/5

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
 USPC: 705/2,10,26

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 Pub WEST (USPT, PGPB, JPAB, EPAB), Google Patents  
 Search Terms Used: interface, input, text, pointer, input adj device, input adj device or joystick, color, character, dictionary, selection adj probabl\$, interface.ti, pointer, select, priority, visual adj cue.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,963,671 A (COMERFORD et al.) 05 October 1999 (5.10.1999), entire document especially fig 2 and 6; col 1, ln 32-40; col 1, ln 56-59; col 2, ln 2-6; col 2, ln 6-15; col 4, ln 1-5; col 5, ln 1-12; col 6, ln 61-64; col 11, ln 25-39; col 13, ln 1-6.	1-28
A	US 6,573,844 B1 (VENOLIA et al.) 03 June 2003 (03.06.2003) entire documnet	1-28
A	US 5,128,672 A (KAEHLER) 07 July 1992 (07.07.1992) entire document	1-28

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  
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 "P" document published prior to the international filing date but later than the priority date claimed  
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Date of the actual completion of the international search 02 August 2007 (02.08.2007)	Date of mailing of the international search report <b>31 JAN 2008</b>
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