(12) **United States Patent**
Beaton et al.

(10) Patent No.: **US 6,310,610 B1**
(45) Date of Patent: ***Oct. 30, 2001**

(54) **INTELLIGENT TOUCH DISPLAY**

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(*) Notice: This patent issued on a continued prosecution application filed under 37 CFR 1.53(d), and is subject to the twenty year patent term provisions of 35 U.S.C. 154(a)(2).

Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

(21) Appl. No.: **08/985,264**

(22) Filed: **Dec. 4, 1997**

(51) Int. Cl.^{7} G09G 5/00

(52) U.S. Cl. **345/173**; 345/358

(58) Field of Search 345/173, 174, 345/358–359, 326, 179, 180, 433, 352–353, 356, 354, 357, 355, 975, 348, 146, 339; 178/18.01, 18.03, 18.04

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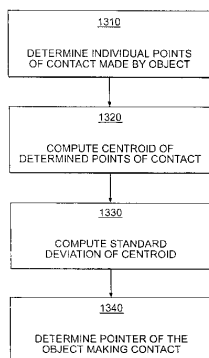*Primary Examiner*—Richard Hjerpe
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(57) **ABSTRACT**

The system and method consistent with the present invention provides a touch-responsive graphical user interface for electronic devices. The graphical user interface determines a pointer size of the object making contact with a display and activates a function corresponding to the pointer size. The graphical user interface may invoke a wide array of functions such as a navigation tool, draw function, an erase function, or a drag function. The graphical user interface of the present invention may be especially useful in portable electronic devices with small displays.

31 Claims, 15 Drawing Sheets

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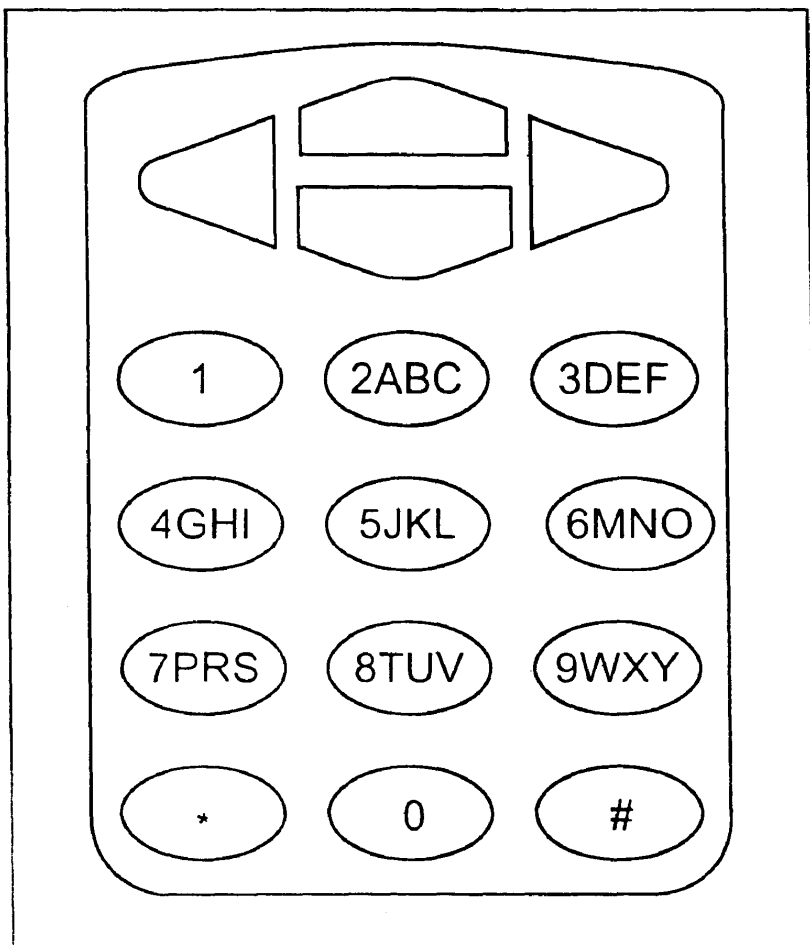|			
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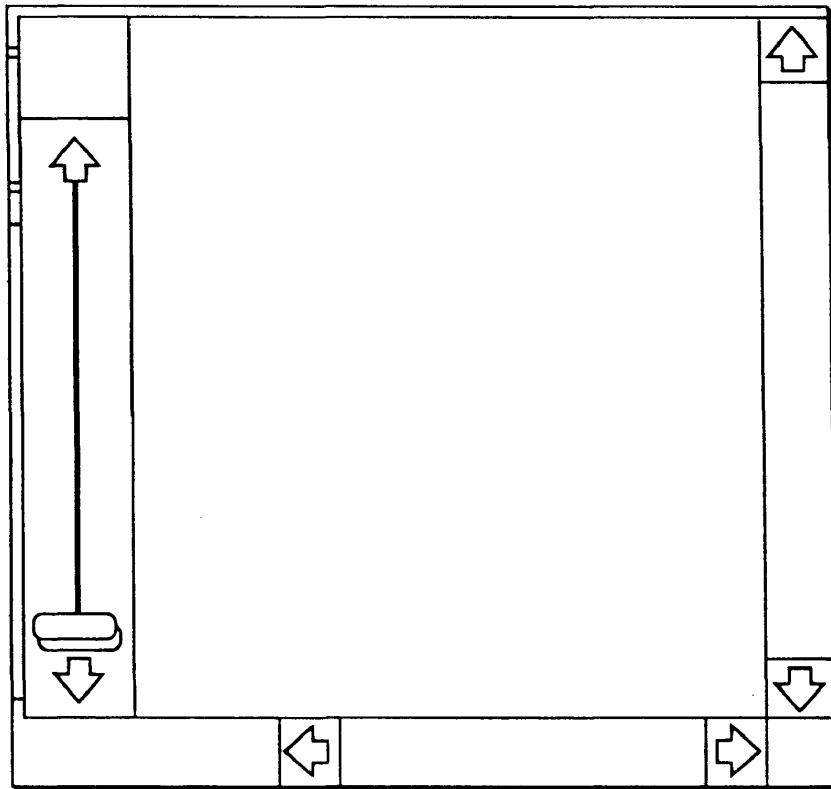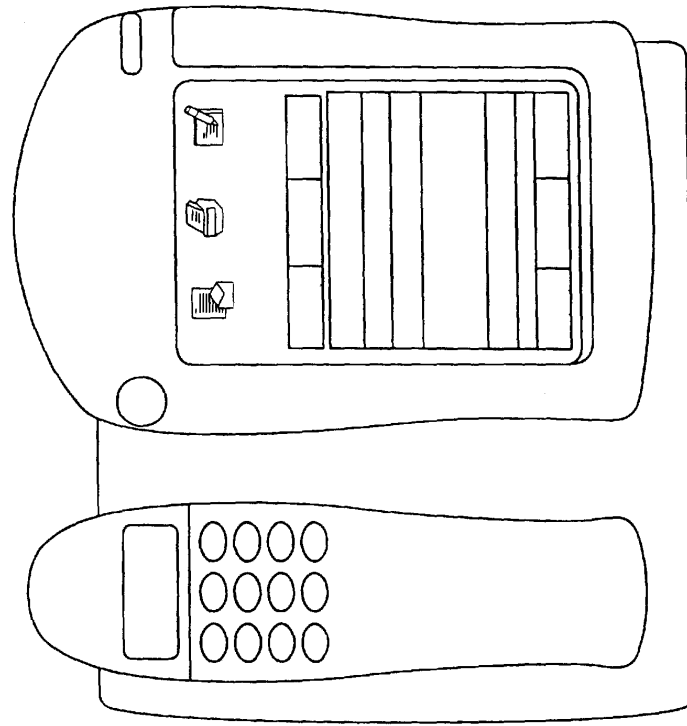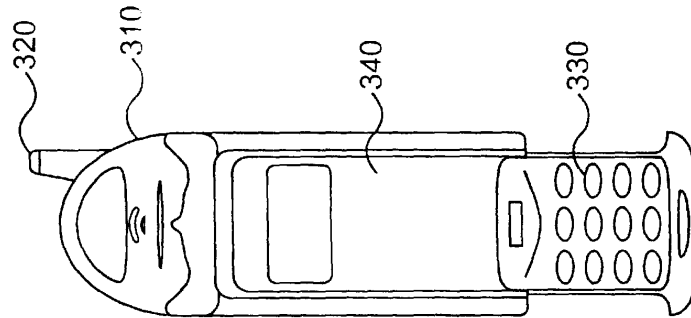
FIG. 1

FIG. 2

FIG. 3B

MOBILE TELEPHONE 310

FIG. 3A

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