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Hawkins et al.

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(54) **HAND-HELD DEVICE**

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H04M 1/00 (2006.01)

(52) **U.S. Cl.** **455/575.1**; 379/368

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379/368, 453.07; 178/17 A, 17 C; 341/23;
708/145; 455/575.1

See application file for complete search history.

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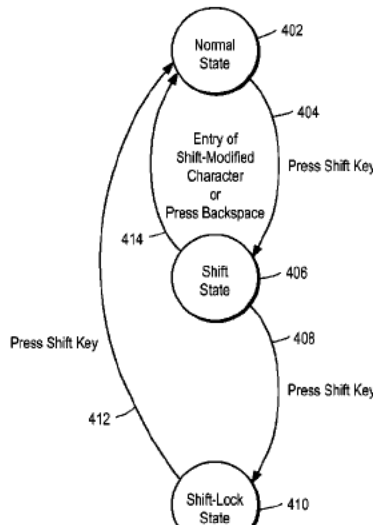
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(57) **ABSTRACT**

A hand-held device that provides communication services and symbol processing is described. The device includes a case having a front side comprising a display and a lid having a transparent portion through which the display can be seen in a lid-closed state. In one version, the hand-held device comprises a QWERTY keyboard including an arrangement of digits as in a touch-tone telephone keypad arrangement. In another version, the display includes a handwriting area for data entry using a stylus or other screen data entry device. In a closed position, the lid extends over the display and the keyboard, leaving another user input device physically accessible to touch for receiving input wherein the device performs processing responsive to receiving input from the physically accessible user input device in the lid closed state.

70 Claims, 13 Drawing Sheets



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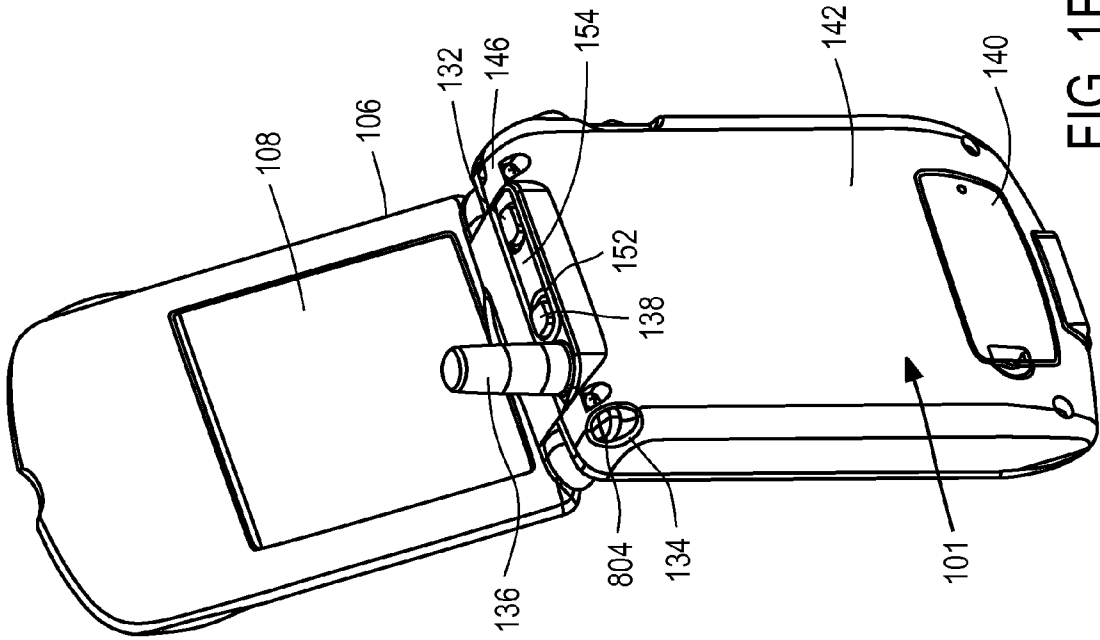


FIG. 1B

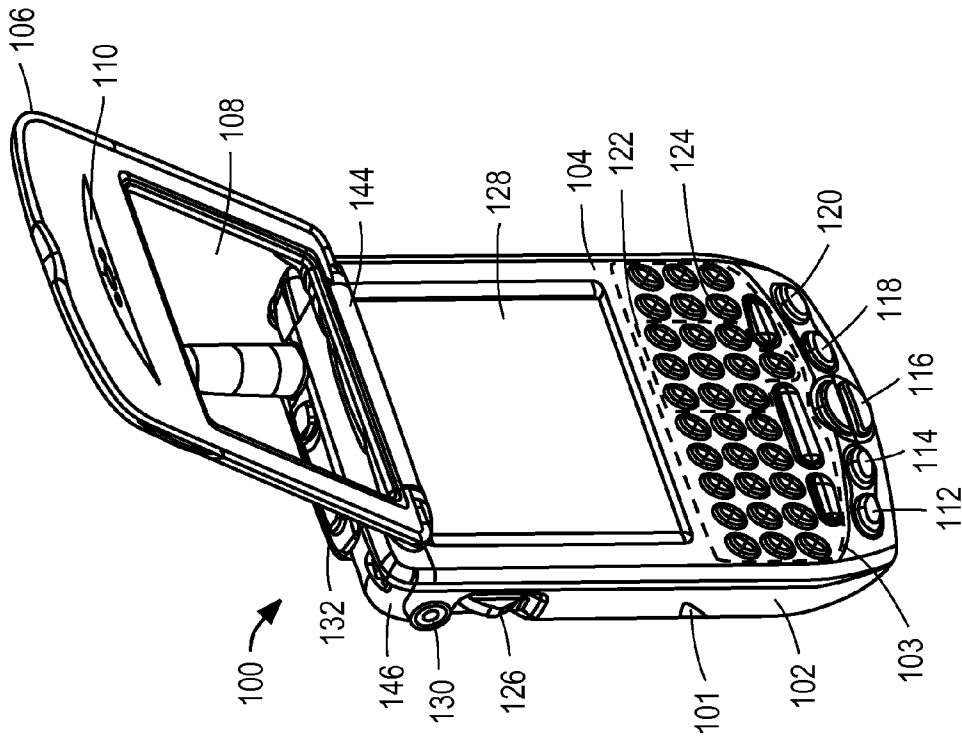


FIG. 1A

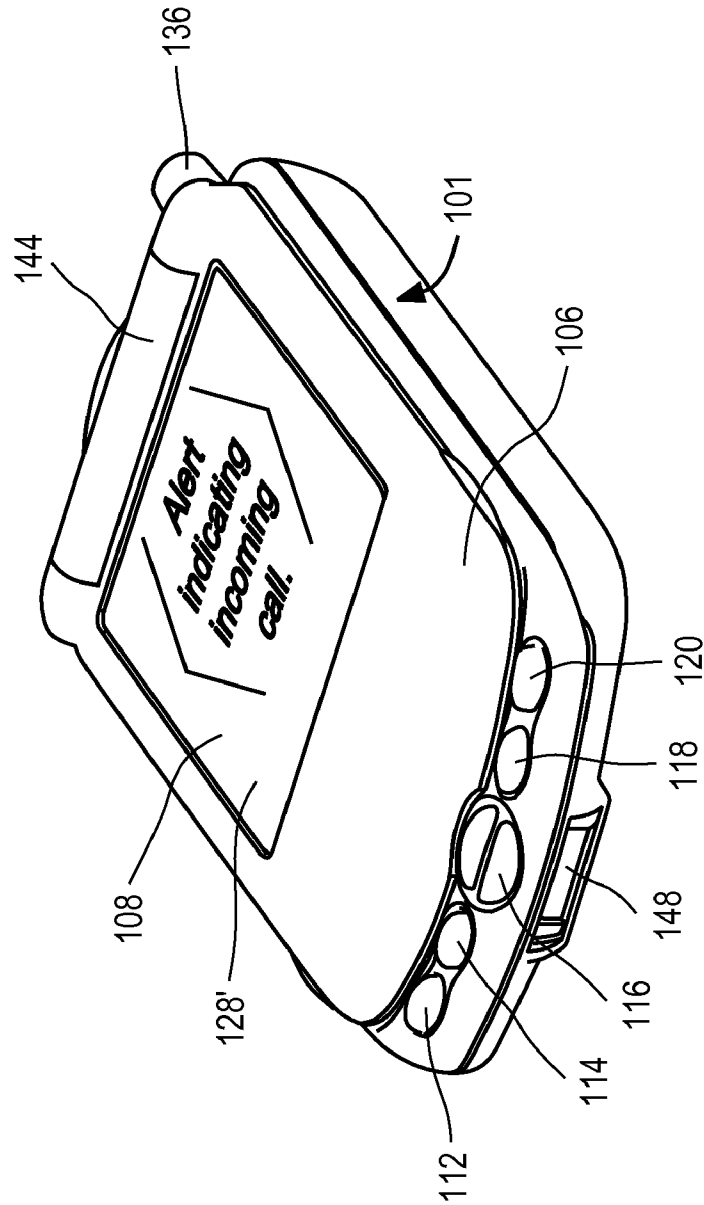


FIG. 1C

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