

United States Patent 1191

Anderson et al.

[54] PORTABLE TELEPHONE APPARATUS HAVING A PLURALITY OF SELECTABLE FUNCTIONS ACTIVATED BY THE USE OF DEDICATED AND/OR SOFT KEYS

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- [52]
- 379/354; 455/412
- 379/96, 110, 354, 396, 57, 67, 93, 17, 93, 18, 110.01, 142; 455/412, 426, 413

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Apr. 7, 1998 **Date of Patent:** [45]

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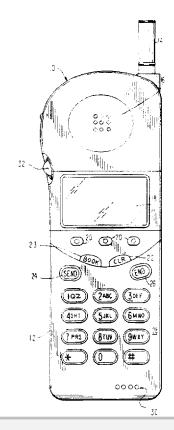
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[57] ABSTRACT

A telephone apparatus having a plurality of dedicated keys. a plurality of changeable keys each having at least one respective dedicated function associated therewith, and a display for displaying a plurality of lines of data. The telephone apparatus is adapted to perform a plurality of main functions including so-called menu, message, pad and book functions. Each of such main functions may be directly accessed by depressing only one of the keys. Further, the telephone apparatus enables messages, including voicemail and text data messages, to be received and stored therein. Messages or responses to received messages may be produced and transmitted from the telephone apparatus.

26 Claims, 15 Drawing Sheets



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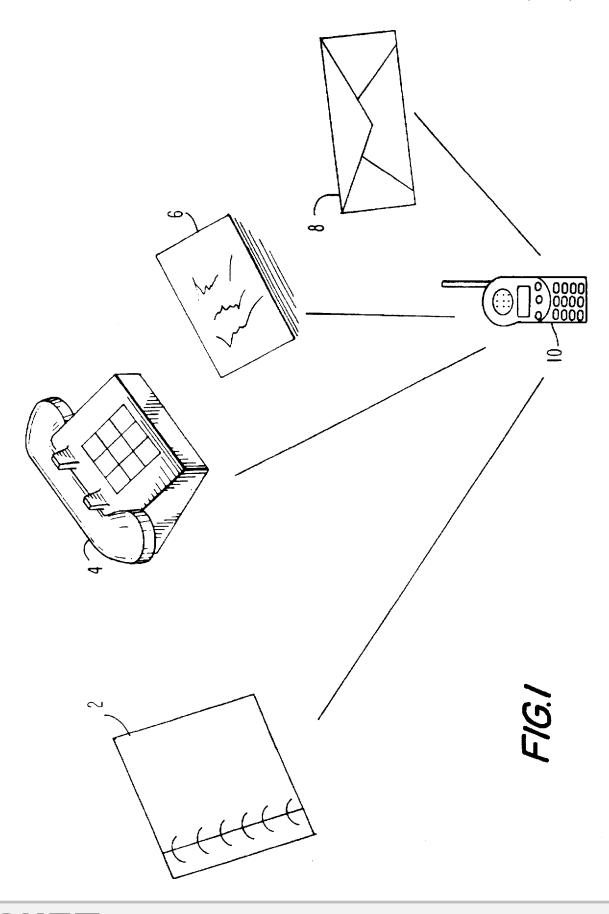
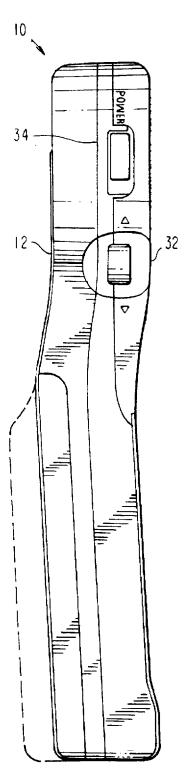
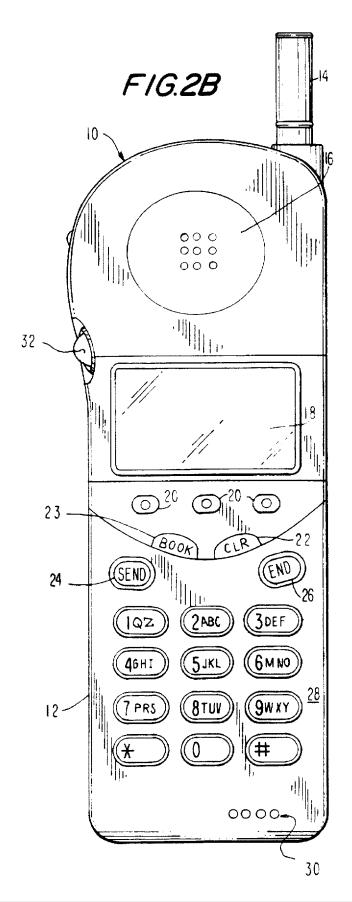


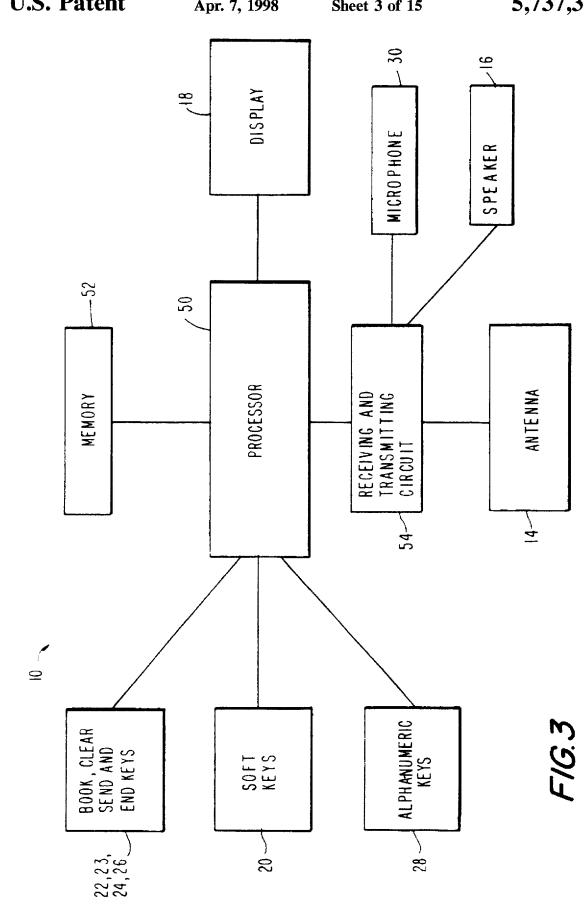
FIG.2A



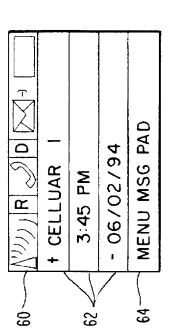
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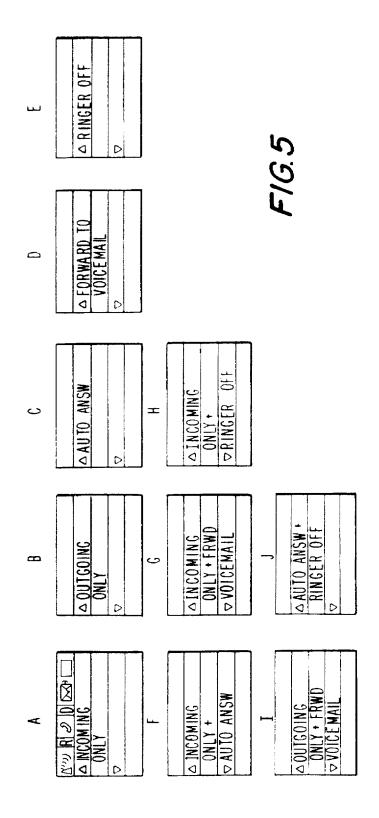


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