

[54] APPARATUS FOR AUTO DIALING TELEPHONE NUMBERS AND DTMF TONES IN A PERSONAL COMMUNICATION DEVICE

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[57] ABSTRACT

[21] Appl. No.: 279,652

A radio telephone which communicates via cellular telephone networks and by direct connection to a PSTN. The radio telephone includes a random access memory for storing a character string comprising dialing digits defining a calling number and DTMF digits representing signalling tones for accessing information to called equipment. The character string includes a delimiting character for separating dialed digits and DTMF digits. In a dialing sequence, the cellular radio will dial numbers defined by the dial digits and send the remaining characters as DTMF tones to connected telephone.

[22] Filed: Jul. 25, 1994

[51] Int. Cl.<sup>6</sup> ..... H04Q 7/32

[52] U.S. Cl. .... 379/58; 379/354; 379/355

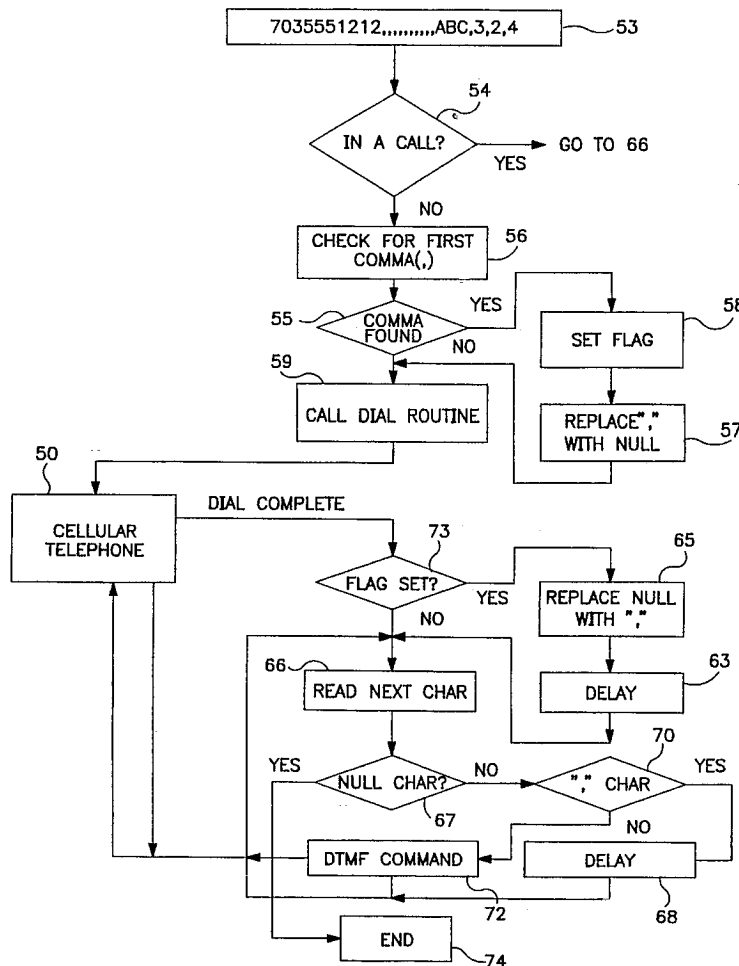
[58] Field of Search ..... 379/58, 59, 354-356

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U.S. PATENT DOCUMENTS

- Re. 34,034 8/1992 O'Sullivan .
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8 Claims, 5 Drawing Sheets



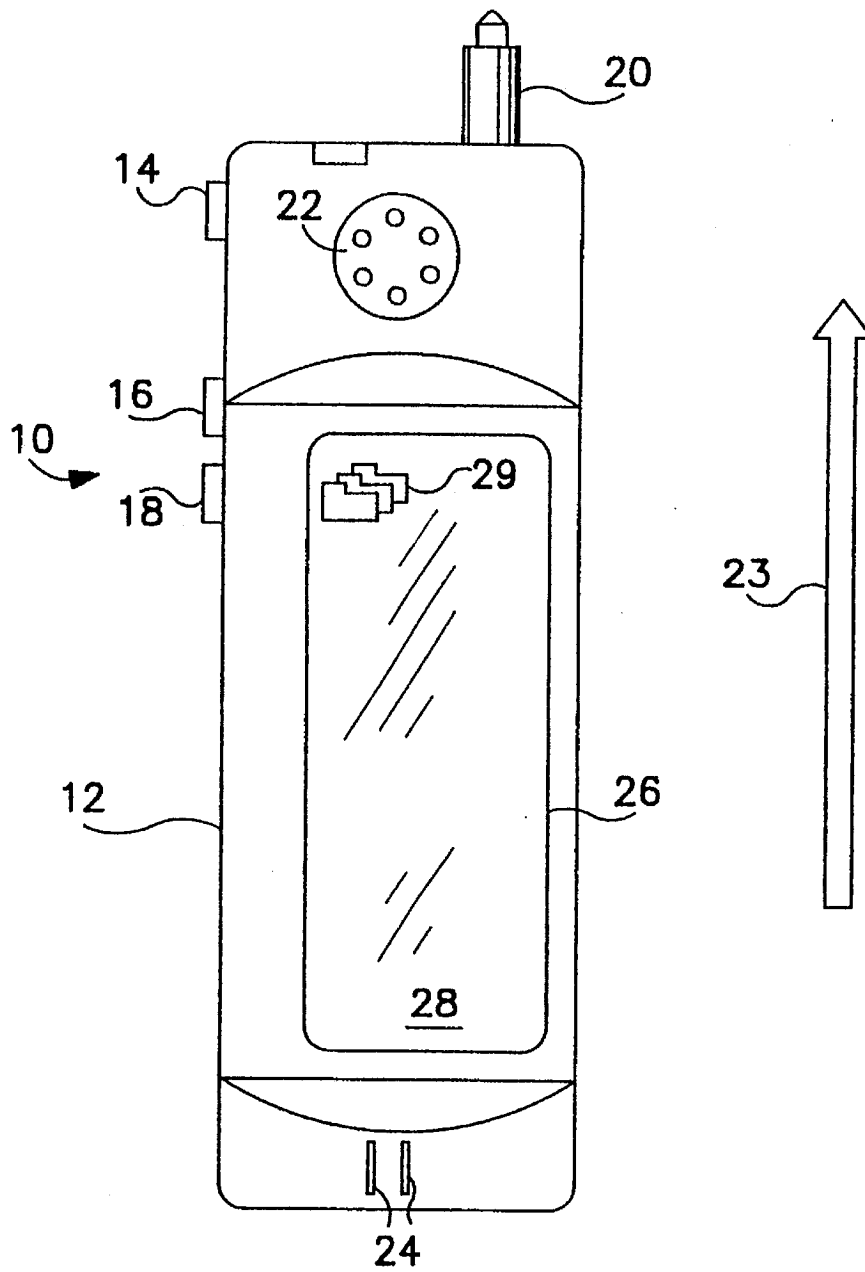


FIG. 1A

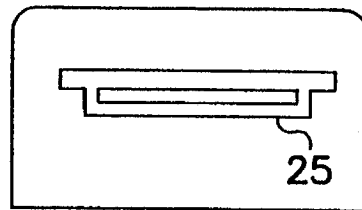


FIG. 1B

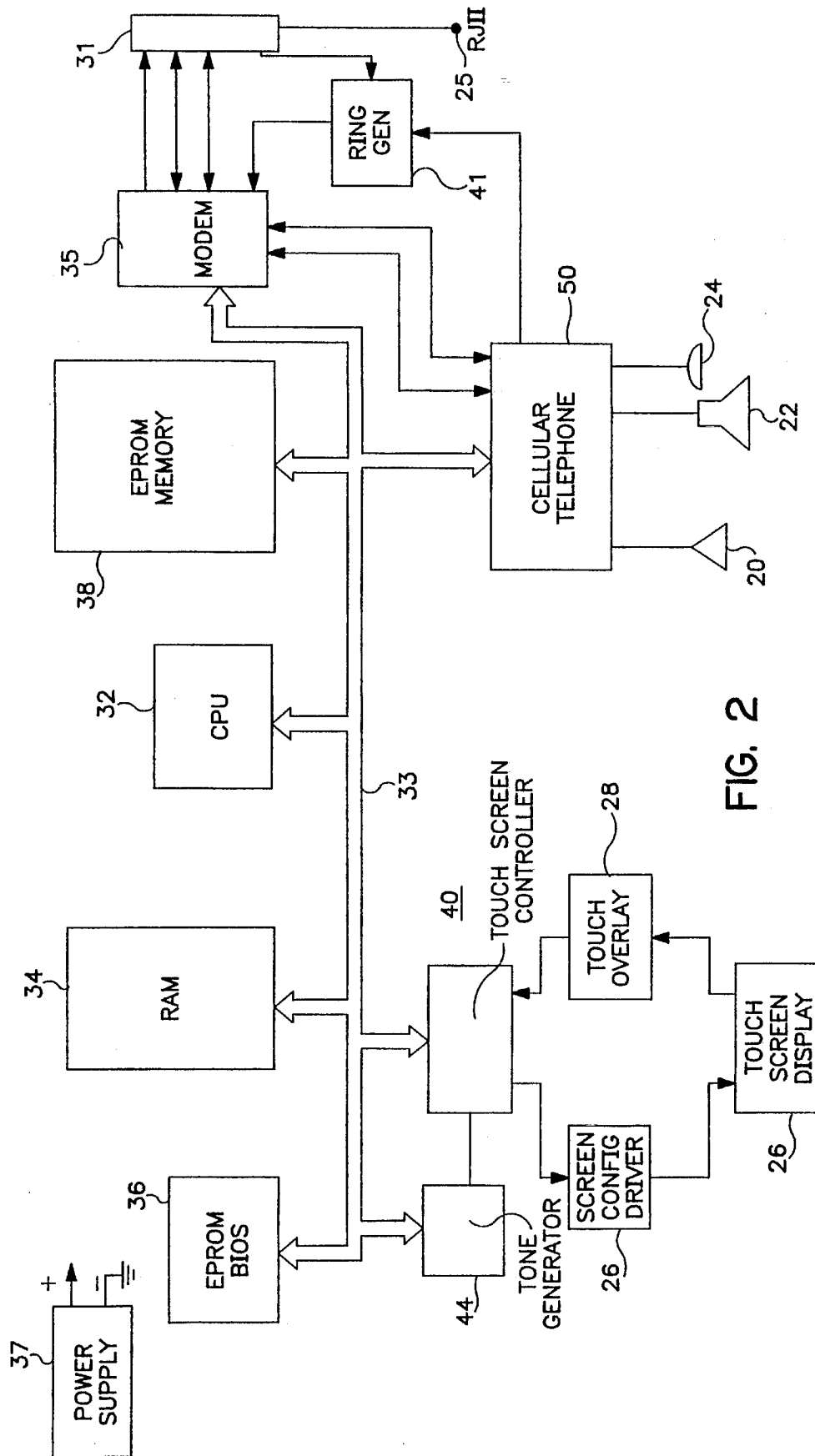


FIG. 2



Address Book

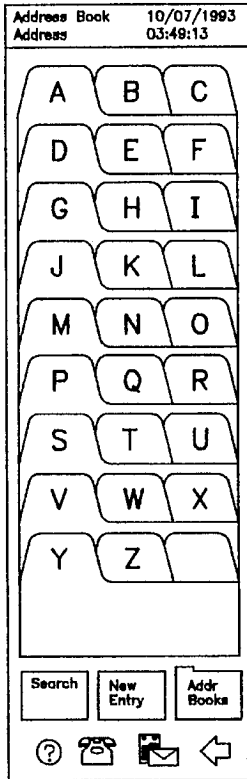


FIG. 3A

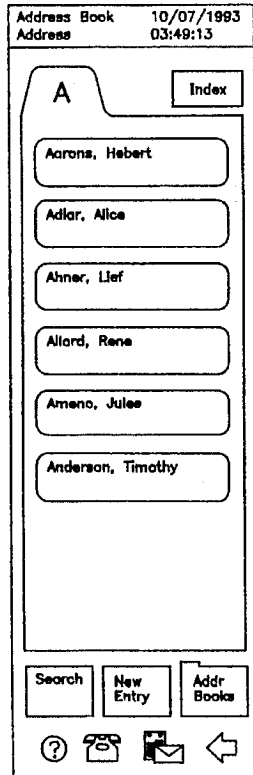


FIG. 3B

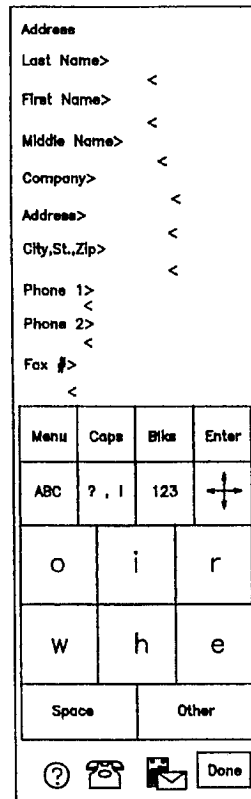


FIG. 3C

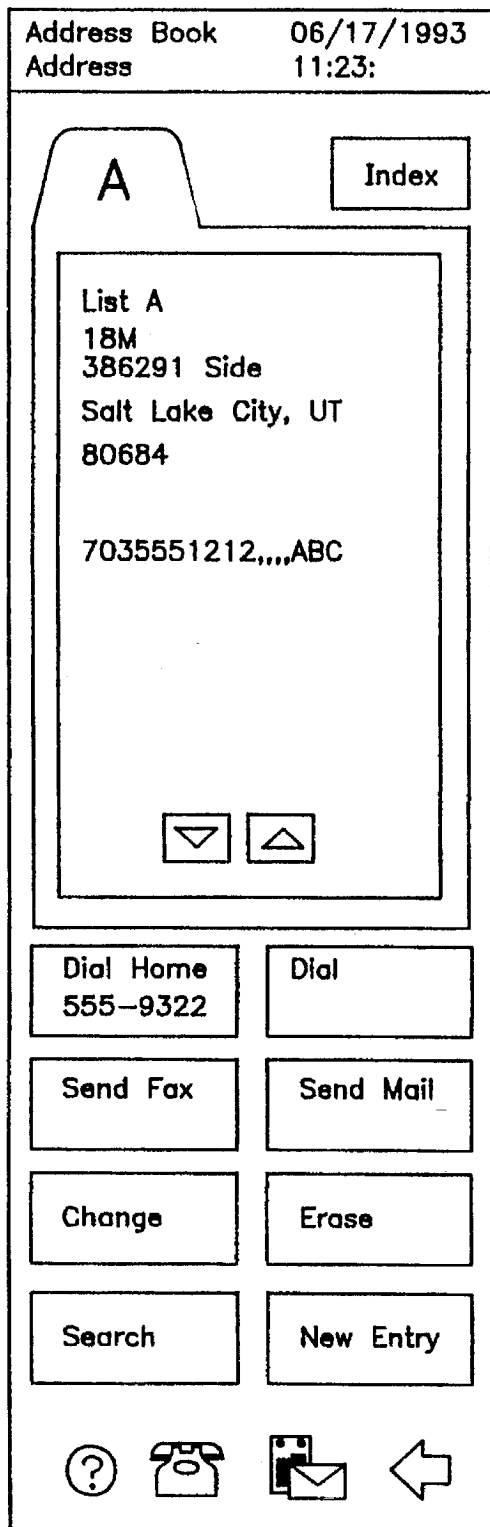


FIG. 3D

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