

## United States Patent [19]

#### Beatty et al.

#### [54] PERSONAL COMMUNICATOR APPARATUS

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- [73] Assignce: International Business Machines Corporation, Armonk, N.Y.
- [21] Appl. No.: 459,552
- [22] Filed: Jun. 2, 1995

#### **Related U.S. Application Data**

- [63] Continuation of Ser. No. 976,127, Nov. 13, 1992, abandoned.
- [51] Int. Cl.<sup>6</sup> ...... G06F 13/00

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#### US005537608A

#### [11] Patent Number: 5,537,608

#### [45] Date of Patent: Jul. 16, 1996

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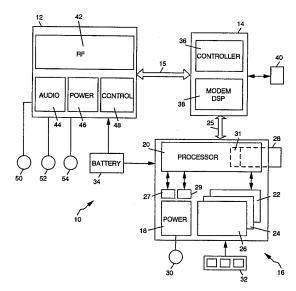
Primary Examiner-Mehmet B. Geckil

Attorney, Agent, or Firm—George E. Grosser; Andrew J. Dillon

#### [57] ABSTRACT

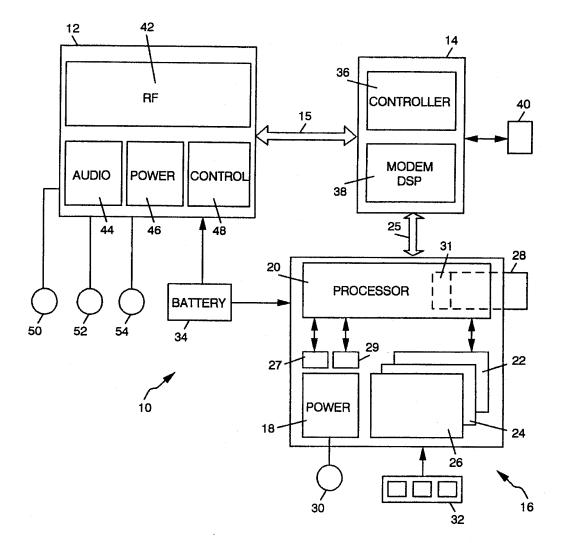
A personal communication apparatus includes a digital processor, a memory coupled to the processor, an operating system, stored in the memory and executable by the processor, a touch-screen user interface coupled to the processor and the memory and responsive to file execution commands from the user, and a navigation utility file, executable by the processor, for initiating execution of files and for monitoring the sequence in which file executions occur. The Navigation utility maintains a stack in the memory into which the calling sequences of files are stored according to the order in which files were executed. In one embodiment, the apparatus further comprises a modem and RF transceiver coupled to the processor for receiving and transmitting data. In another embodiment, the communicator further includes a port for receiving an external memory medium containing a plurality of executable files.

#### 4 Claims, 10 Drawing Sheets

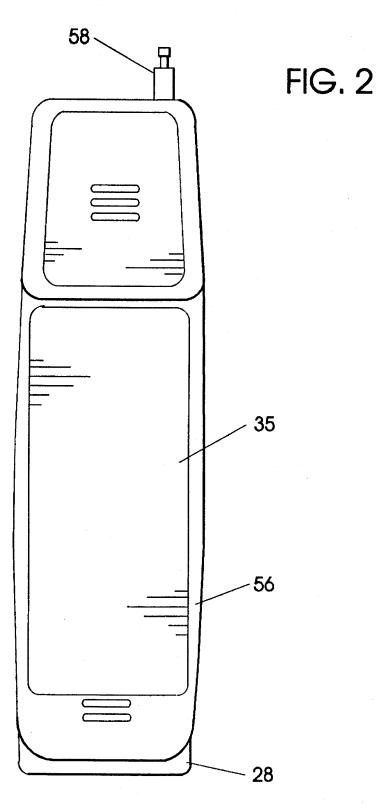


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FIG. 1



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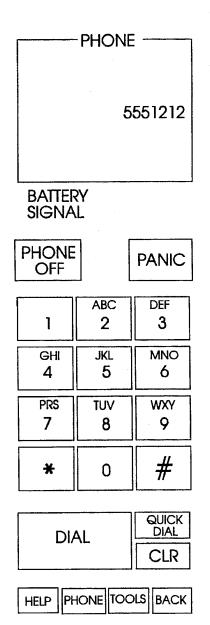
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FIG. 3A



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FIG. 3E

CALCULATOR

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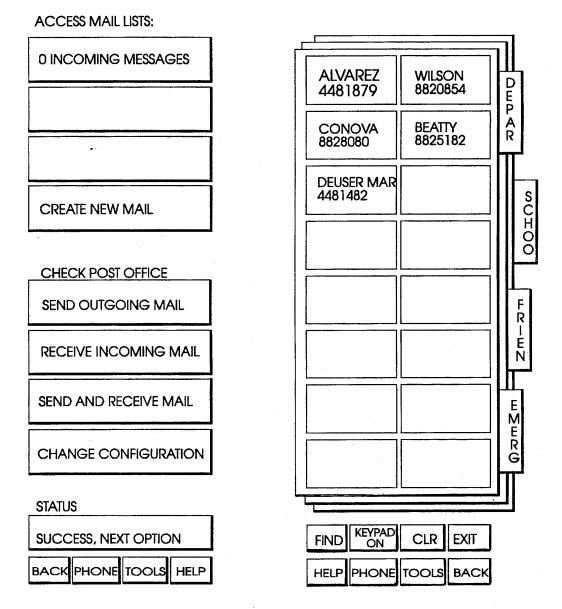
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FIG. 3B

# FIG. 3C



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