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**Bachner, III et al.**

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(54) **WIRELESS INTELLIGENT PERSONAL SERVER**

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**H04Q 7/32** (2006.01)

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See application file for complete search history.

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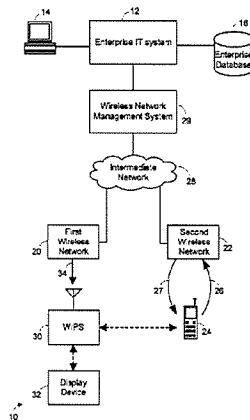
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(57) **ABSTRACT**

A wireless intelligent personal server includes a radio frequency (RF) receiver, a memory for storing electronic files, a set of embedded machine language instructions, a central processing unit (CPU), a first interface for a display device, such as a personal digital assistant (PDA), and a second interface for a wireless telephone. The RF receiver receives downstream data transmitted over a downstream wireless communications channel. The CPU executes the machine language instructions to process the downstream data and, thereby, either update an existing target electronic file stored in the memory, so that the target electronic file reflects changes made to a source electronic file, or create a new electronic file in the memory. A display device may be brought into communication with the wireless intelligent personal server, via the first interface, to access the electronic files stored in the memory. The wireless intelligent personal server may also transmit an upstream signal over an upstream wireless communication channel, such as by using a wireless telephone, in communication via the second interface. The upstream signal may acknowledge receipt of the downstream data, or it may include upstream data reflecting changes to the electronic files stored in the memory made by the display device.

**80 Claims, 3 Drawing Sheets**



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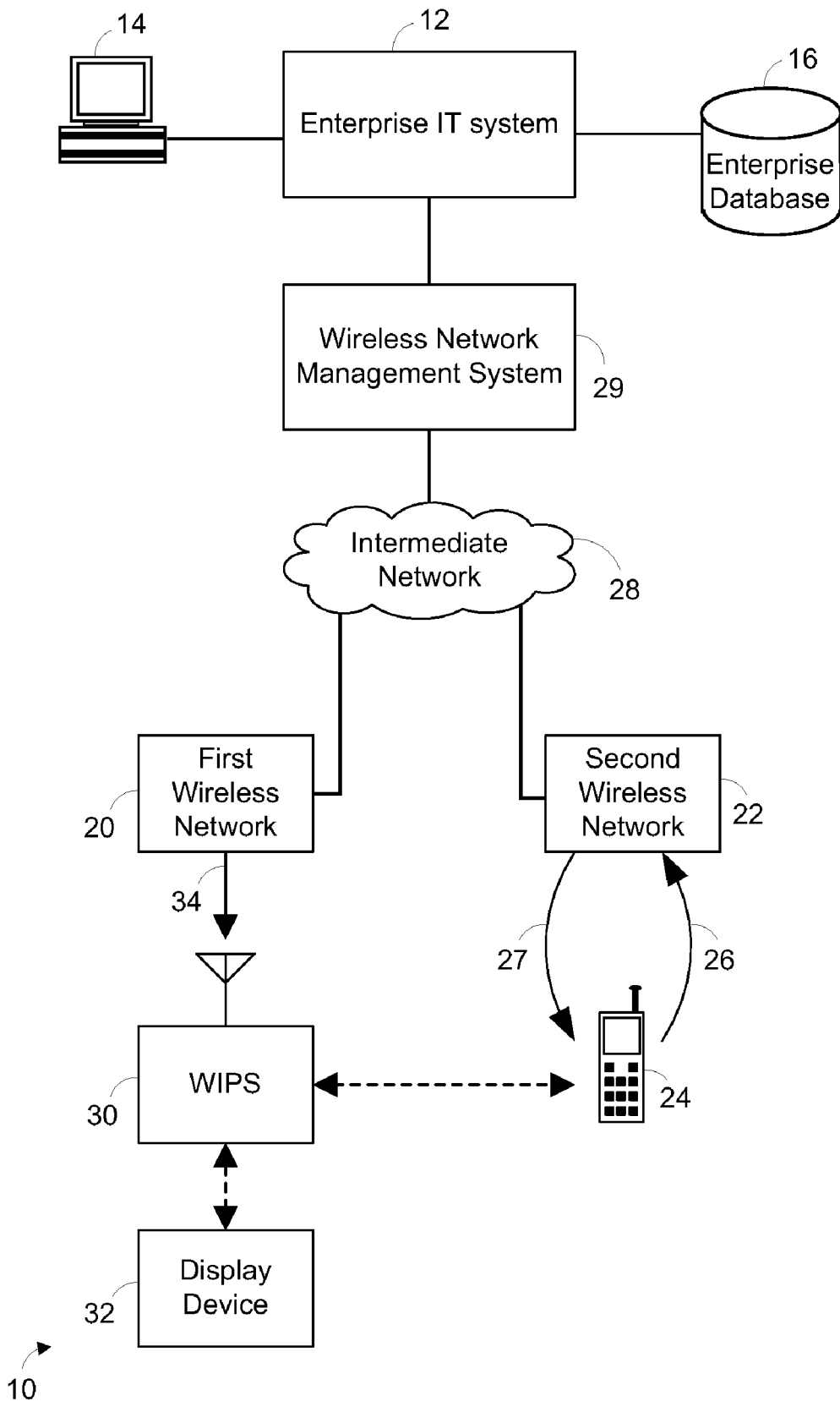


FIG. 1

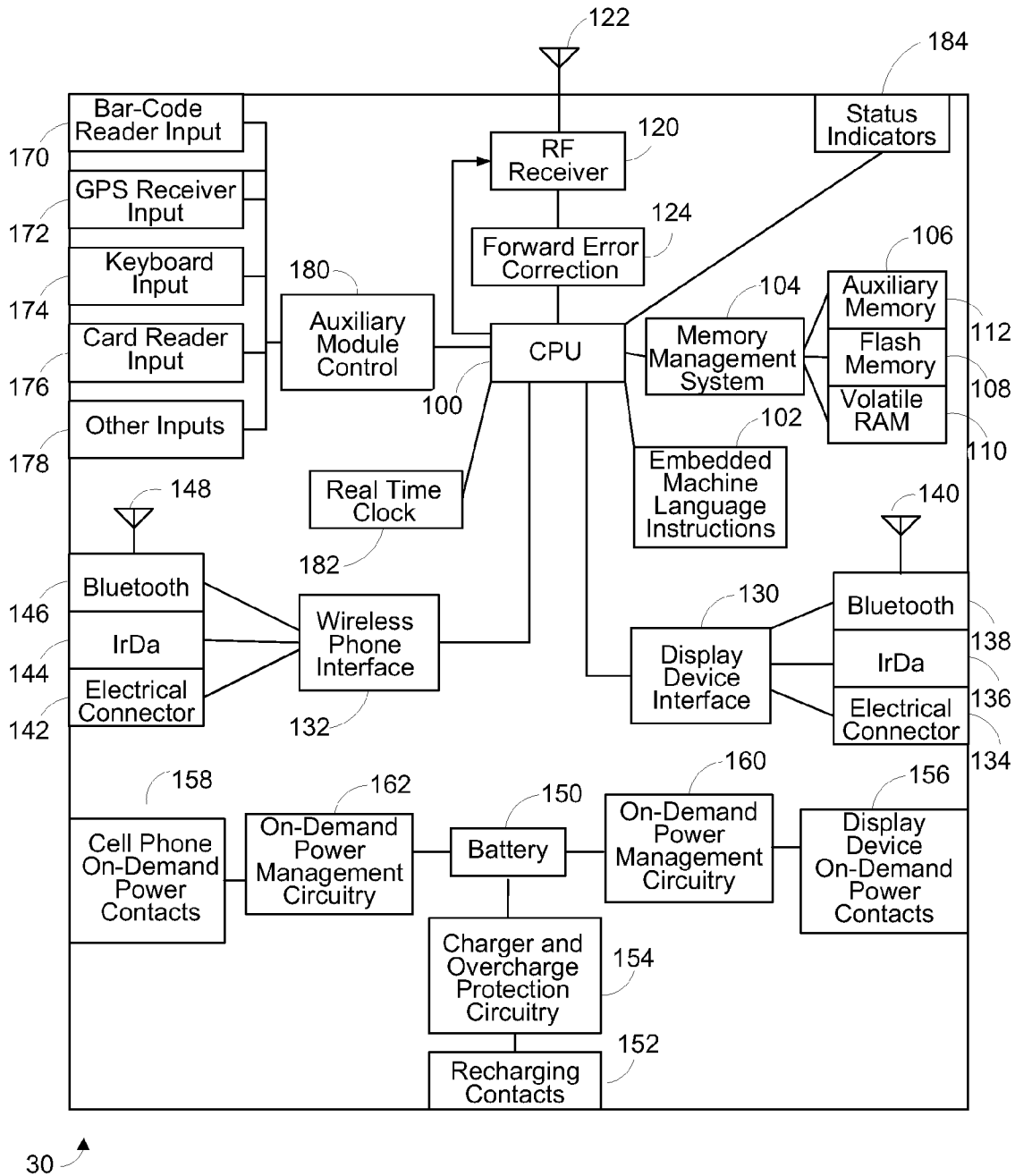


FIG. 2

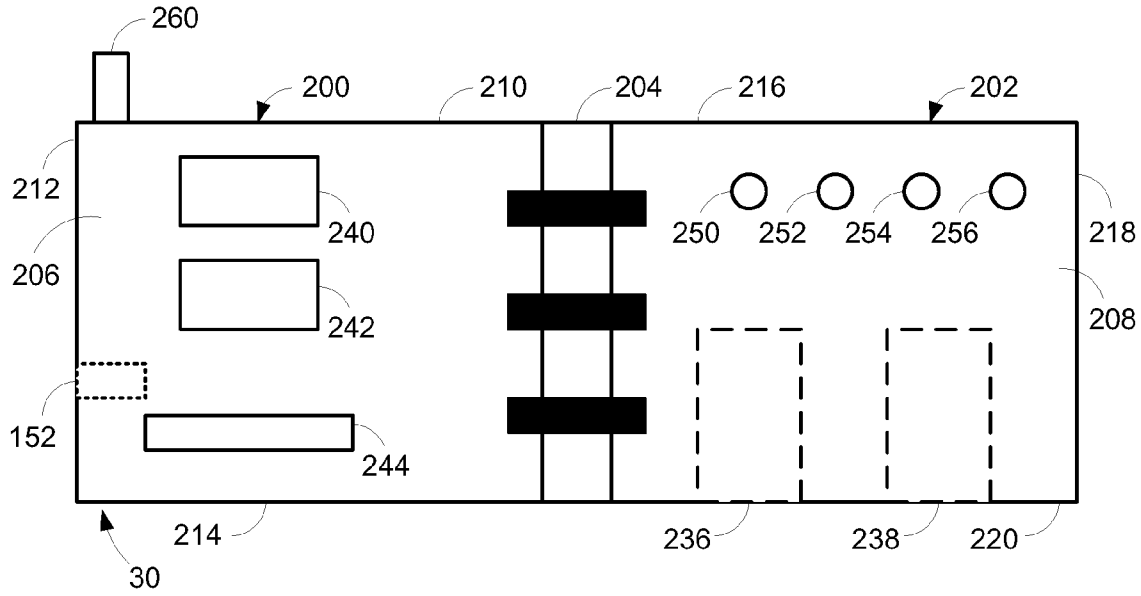


FIG. 3

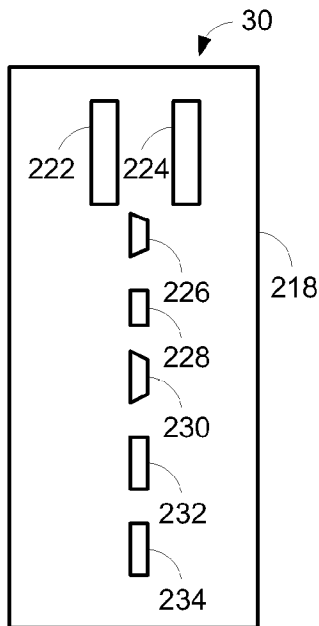


FIG. 4

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