

[54] REMOTE CONTROL DEVICE

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Related U.S. Application Data

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[52] U.S. Cl. 340/825.690; 379/102; 379/104; 379/105; 341/176; 455/231; 340/5.72; 358/194.1

[58] Field of Search 340/825.69, 825.72, 340/825.52; 379/102, 104, 105, 106, 103; 358/194.1; 455/352, 353, 355, 231; 341/176

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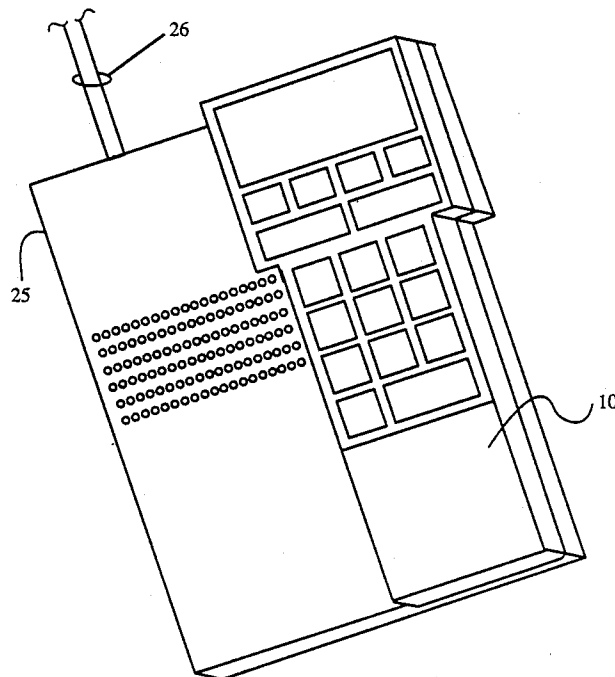
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[57] ABSTRACT

A remote control device is adapted to control a plurality of appliances such as televisions, VCRs, stereos, etc. The remote controller includes a first connector for mating with a plurality of transducer modules, so that the remote control device can be used to emit infrared, radio, or other signals. (In another embodiment, the remote control device includes a plurality of different transducers for providing a plurality of different types of control signals.) The remote control device includes a second connector for mating with a cradle. The cradle can receive signals from external source such as a telephone line. Thus, one can access the remote control device from a remote location and cause the remote control device to control selected appliances. The remote control device also includes a programmable timer so that various appliances can be turned on and off at selected times.

5 Claims, 20 Drawing Sheets



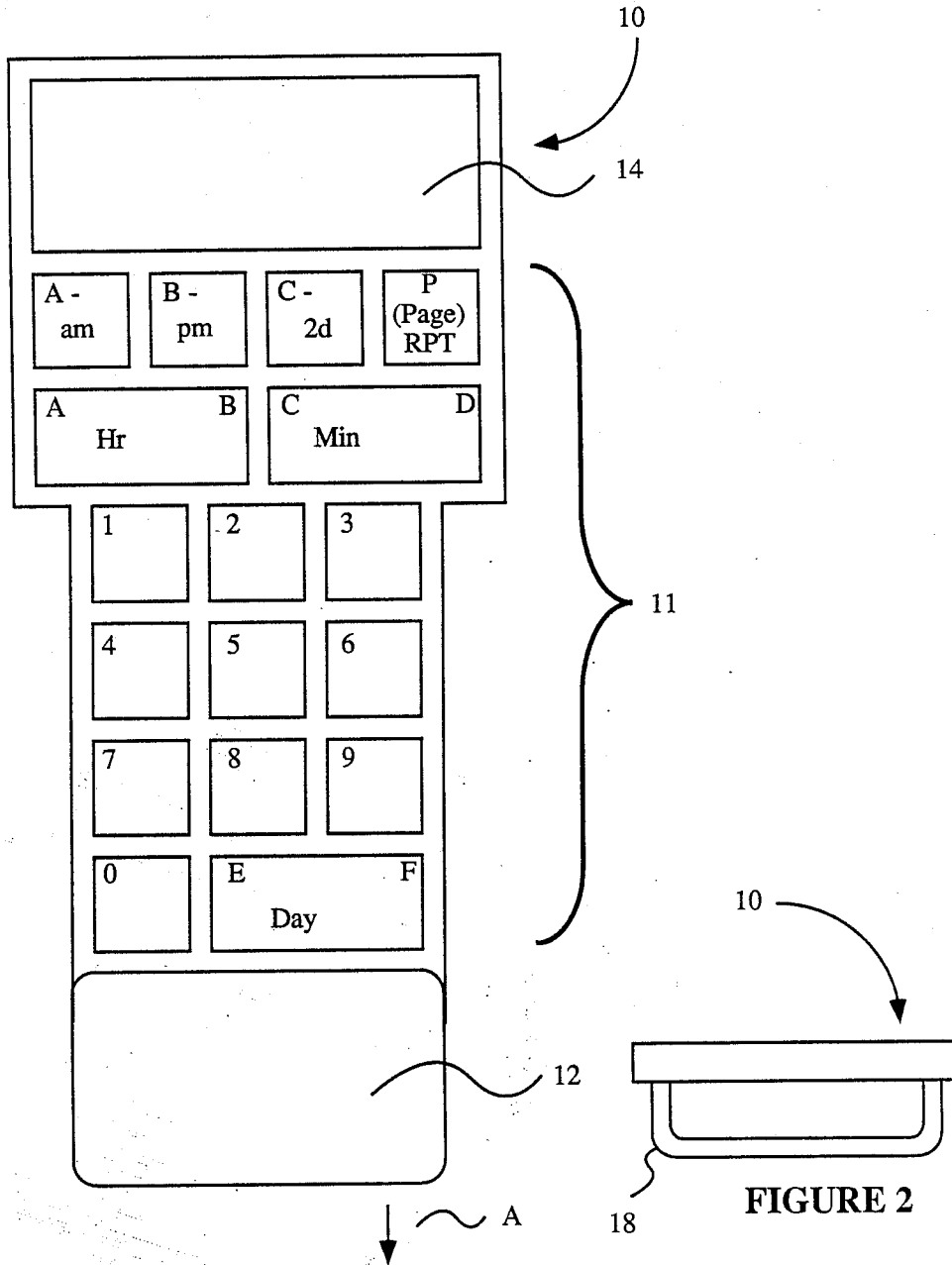


FIGURE 1a

FIGURE 2

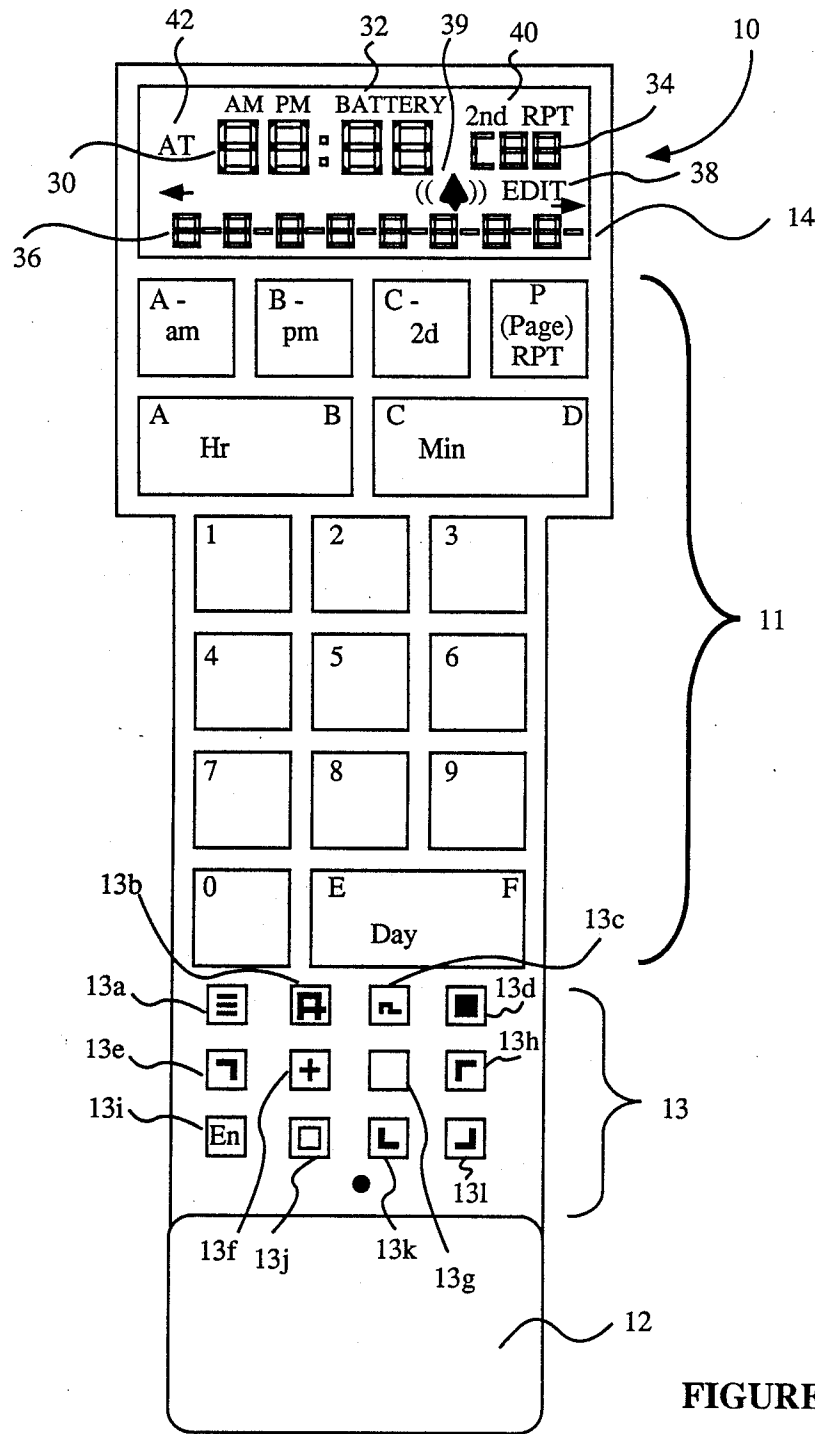


FIGURE 1b

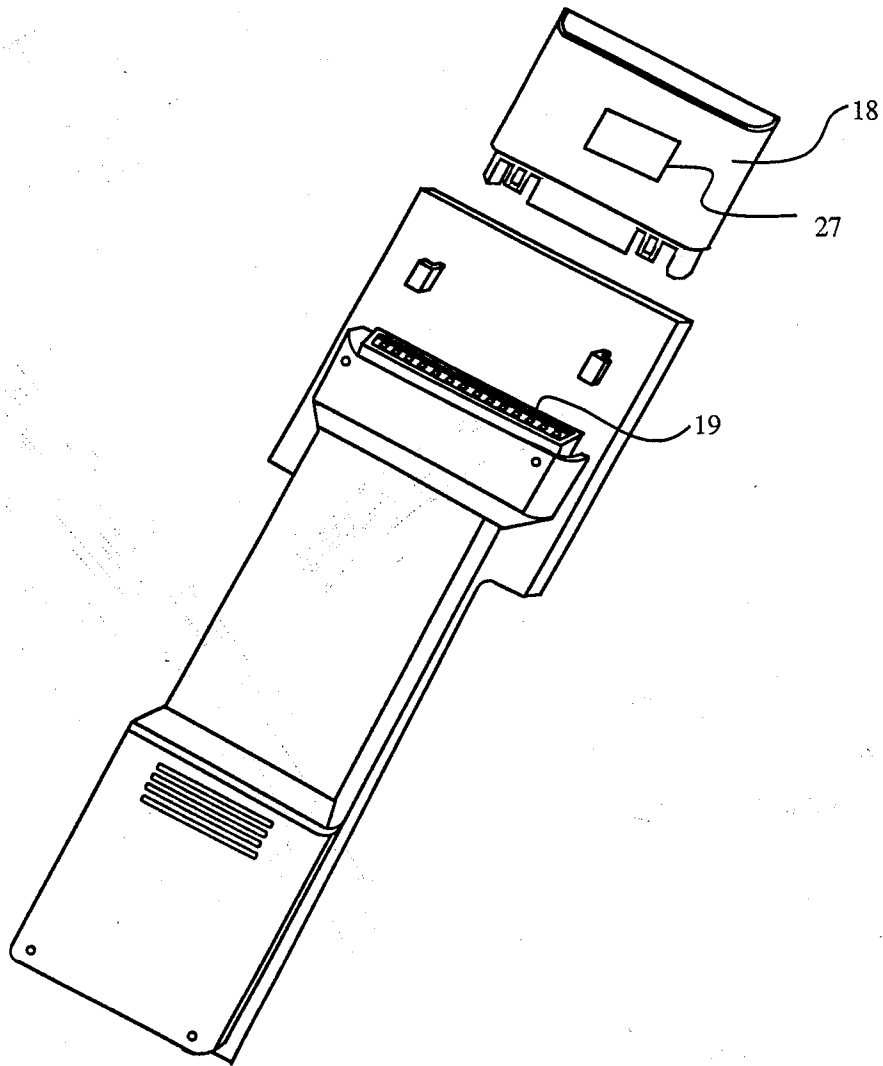


FIGURE 3

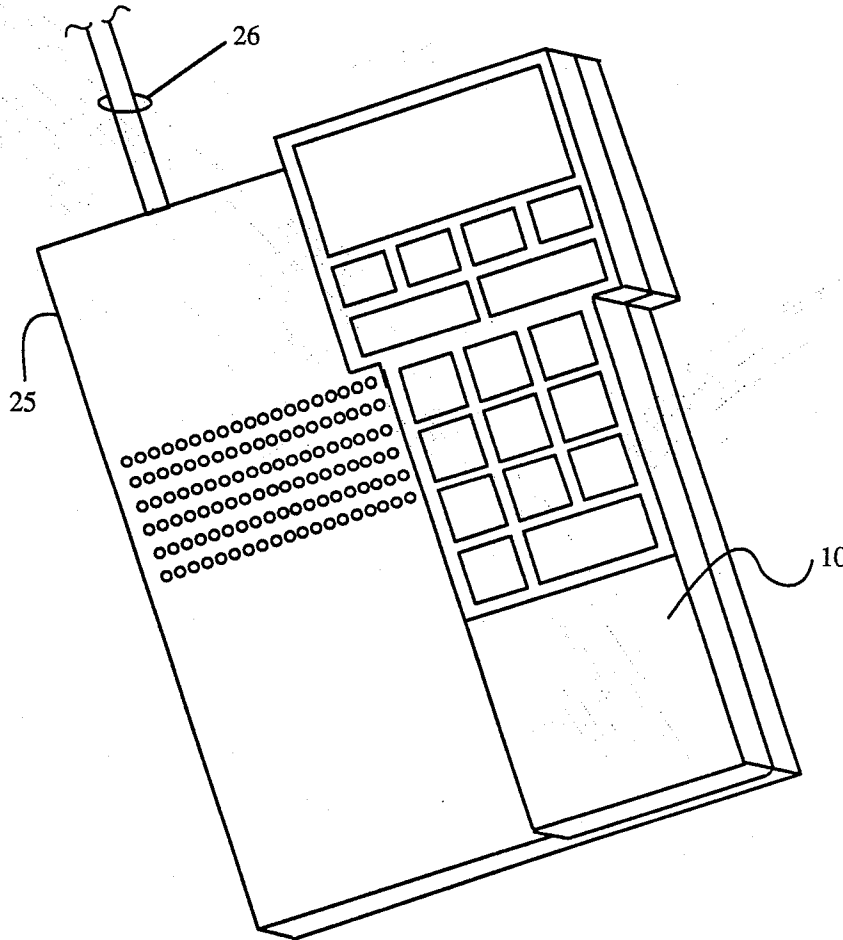


FIGURE 4a

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