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(54) **VEHICLE REMOTE CONTROL INTERFACE FOR CONTROLLING MULTIPLE ELECTRONIC DEVICES**

**Publication Classification**

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(52) **U.S. Cl.** ..... **381/86**

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(57) **ABSTRACT**

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An interface device for interconnecting fixed controls of a vehicle to electronic devices. The interface device is capable of receiving control signals from fixed controls, such as steering wheel controls, backseat controls, handlebar controls, and the like, and then transmitting corresponding control signals to the electronic devices. In one aspect, the device is programmable such that the interface device emits signals corresponding to the same signals that would be emitted from a handheld remote control sold in conjunction with the different electronic devices. In one embodiment, the device is an interface between the fixed controls and a replacement stereo receiver. In another embodiment, the device is capable of recognizing spoken voice commands and generating corresponding IR signals in order to control the electronic devices. In still another embodiment, the device is an interface between the fixed controls and multiple electronic devices, such as an audio and video component.

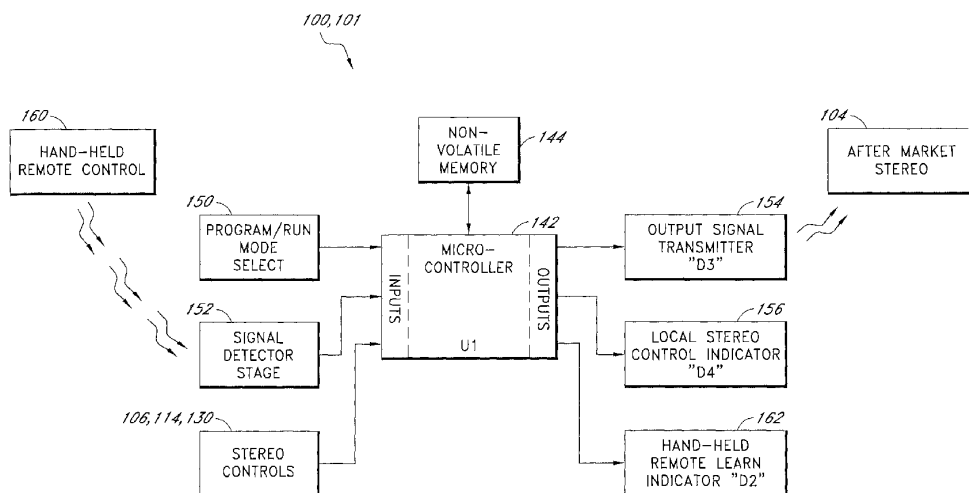
(21) Appl. No.: **10/173,449**

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**Related U.S. Application Data**

(63) Continuation-in-part of application No. 09/552,981, filed on Apr. 21, 2000, which is a continuation-in-part of application No. 09/442,627, filed on Nov. 17, 1999.

(60) Provisional application No. 60/108,711, filed on Nov. 17, 1998.



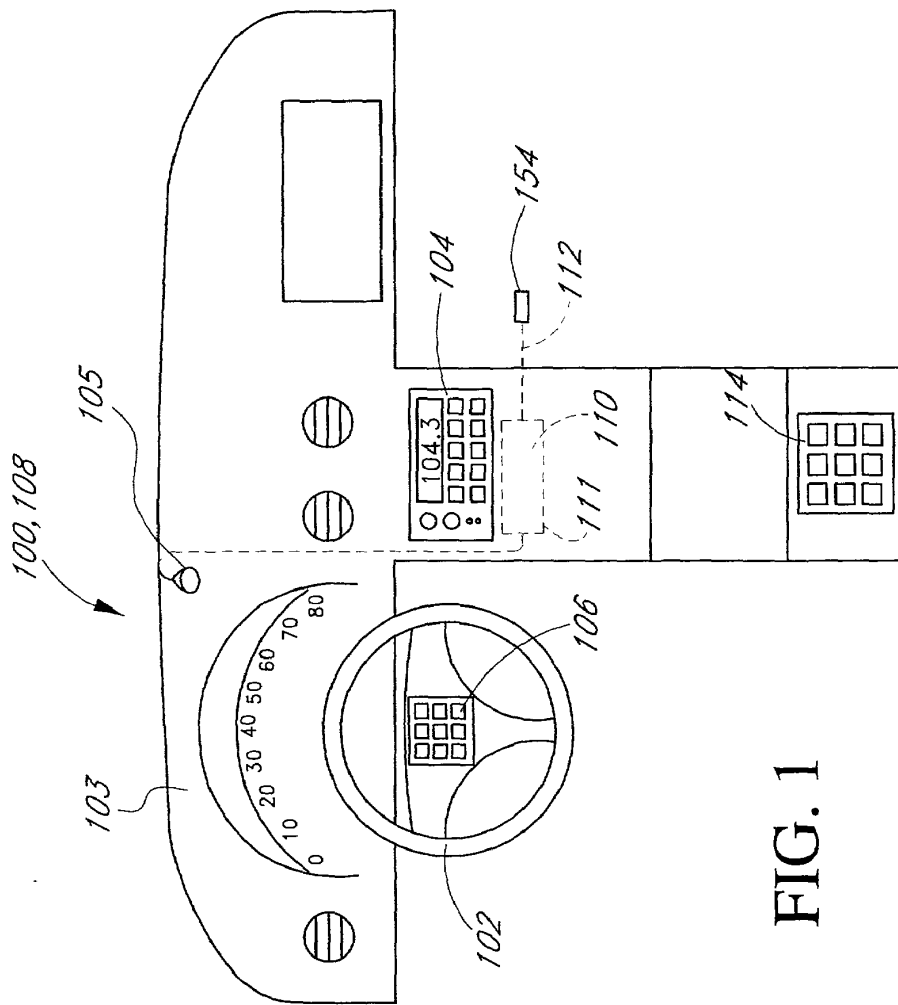


FIG. 1

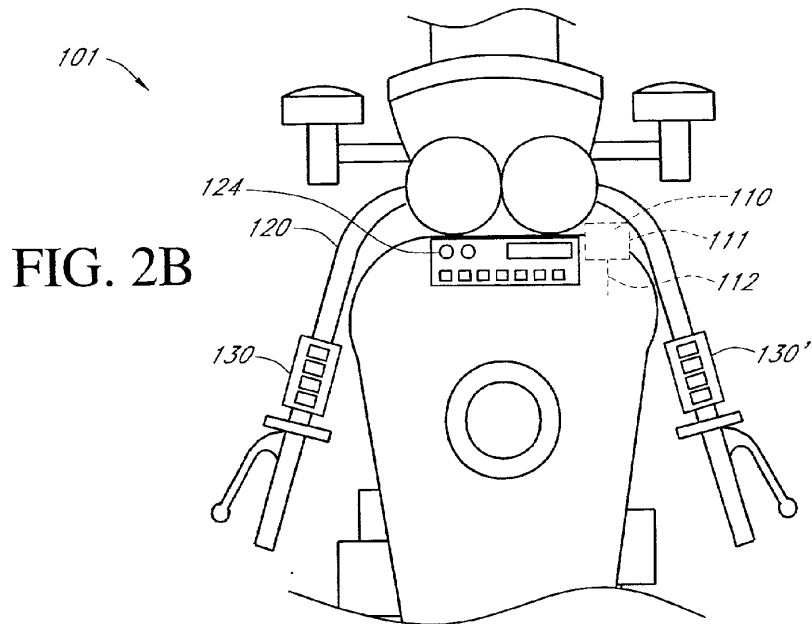


FIG. 2B

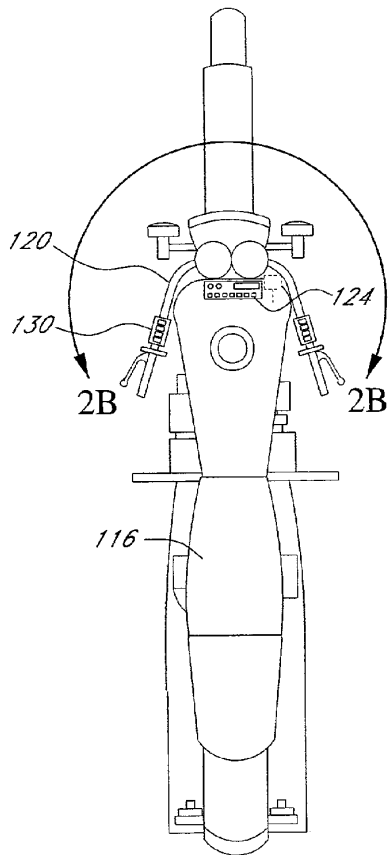


FIG. 2A

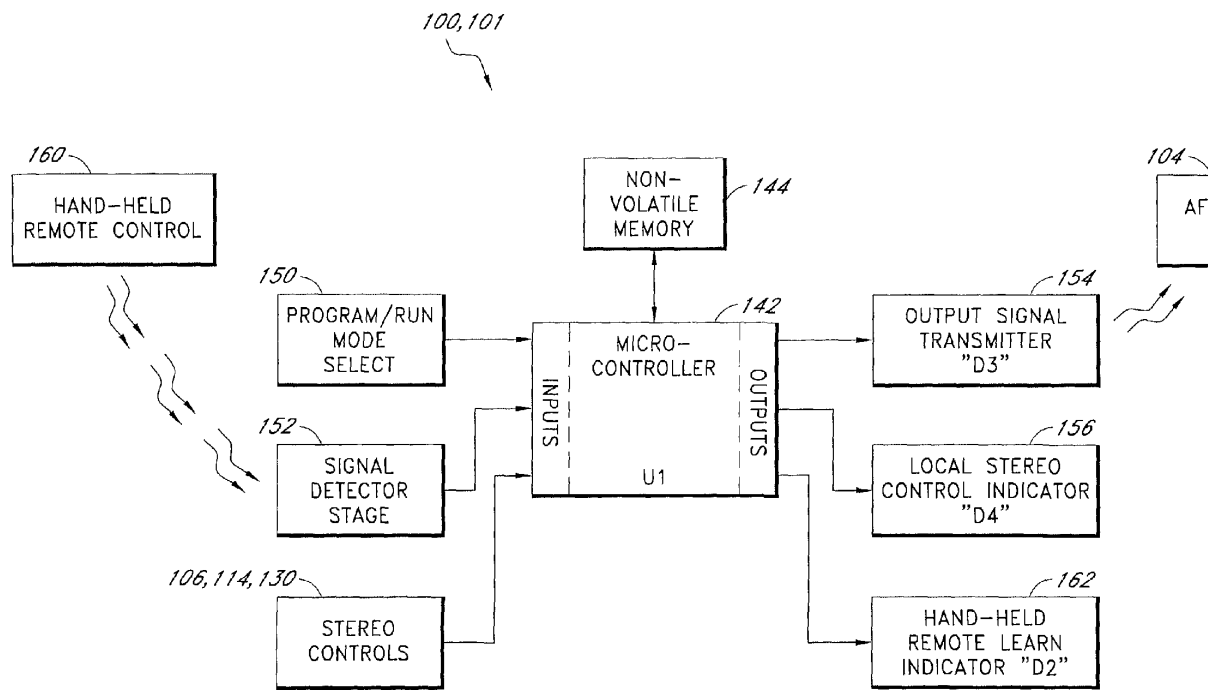


FIG. 3

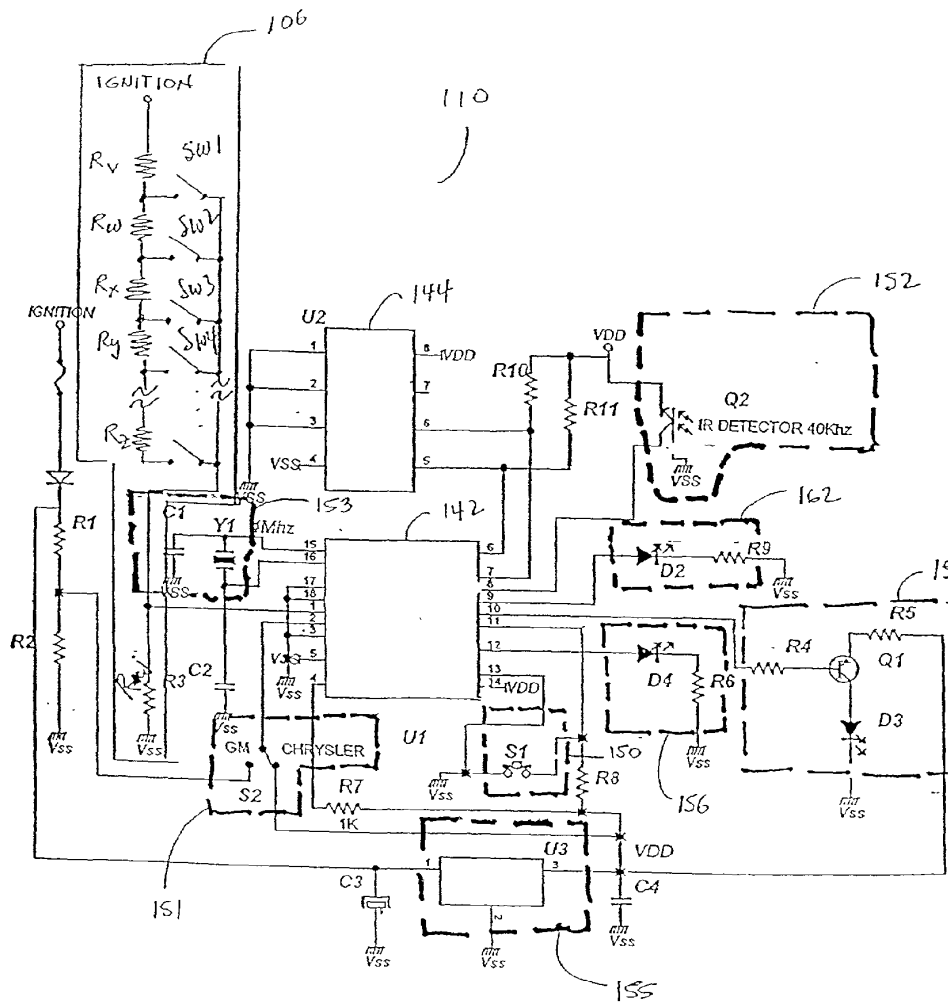


Fig 4A

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