

(12) **United States Patent**
Erekson

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(54) **PORTABLE DEVICE CONTROL CONSOLE WITH WIRELESS CONNECTION**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(57) **ABSTRACT**

A system and method for controlling a remote device over a wireless connection. In one embodiment, a hand-held computer system having a Bluetooth-enabled transceiver is used to control other Bluetooth-enabled devices. A wireless connection between a transceiver and a remote device is established. A position where a stylus makes contact with a surface of an input device of the hand-held computer system is registered. The particular position where the stylus element makes contact with the input device is translated into a particular command for controlling the remote device. The command is then transmitted to the remote device over the wireless connection.

(21) Appl. No.: **09/558,413**

(22) Filed: **Apr. 24, 2000**

(51) **Int. Cl.**⁷ **H04M 3/00**

(52) **U.S. Cl.** **455/420; 455/419**

(58) **Field of Search** 455/420, 456, 455/457, 445, 404, 75, 566, 575, 96, 99, 145; 342/457.1; 340/825.36, 825.37, 825.49

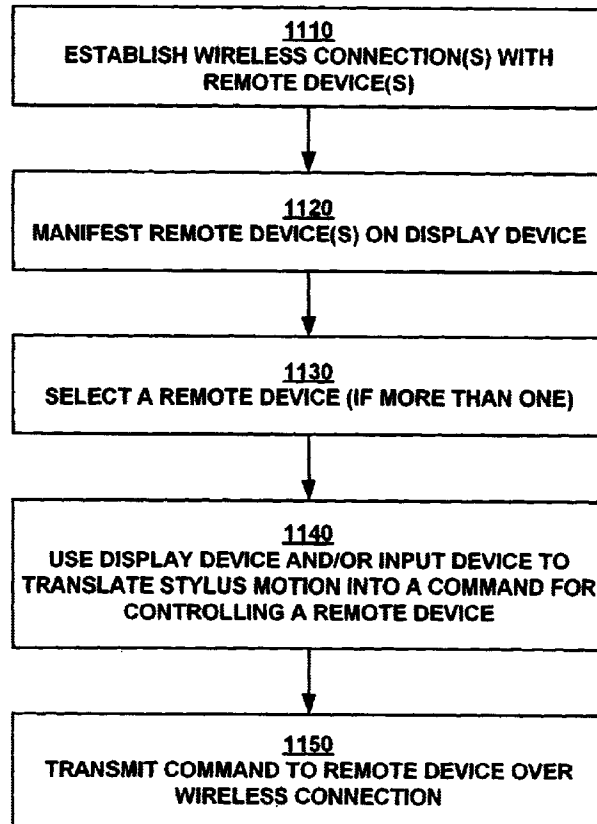
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27 Claims, 12 Drawing Sheets

1100



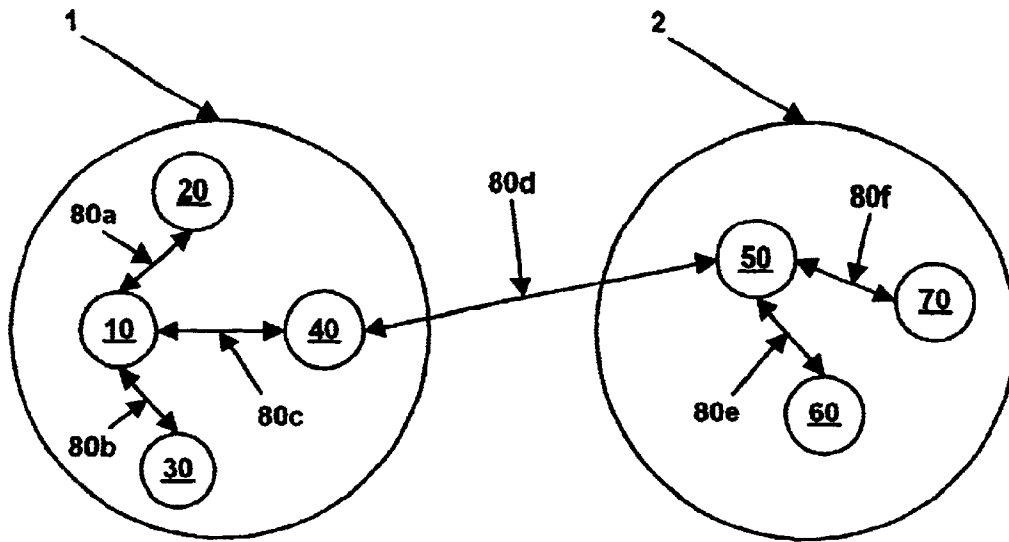


FIG. 1

100

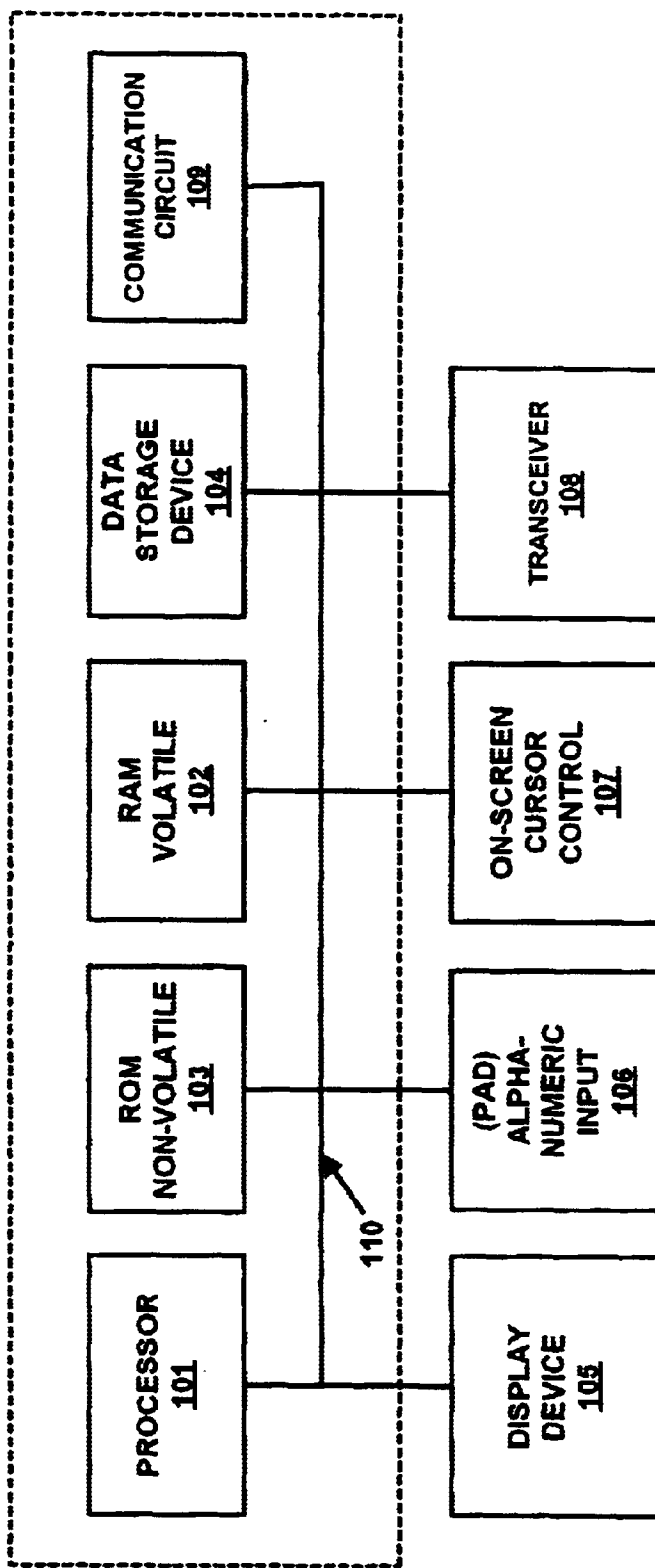


FIG. 2

100a

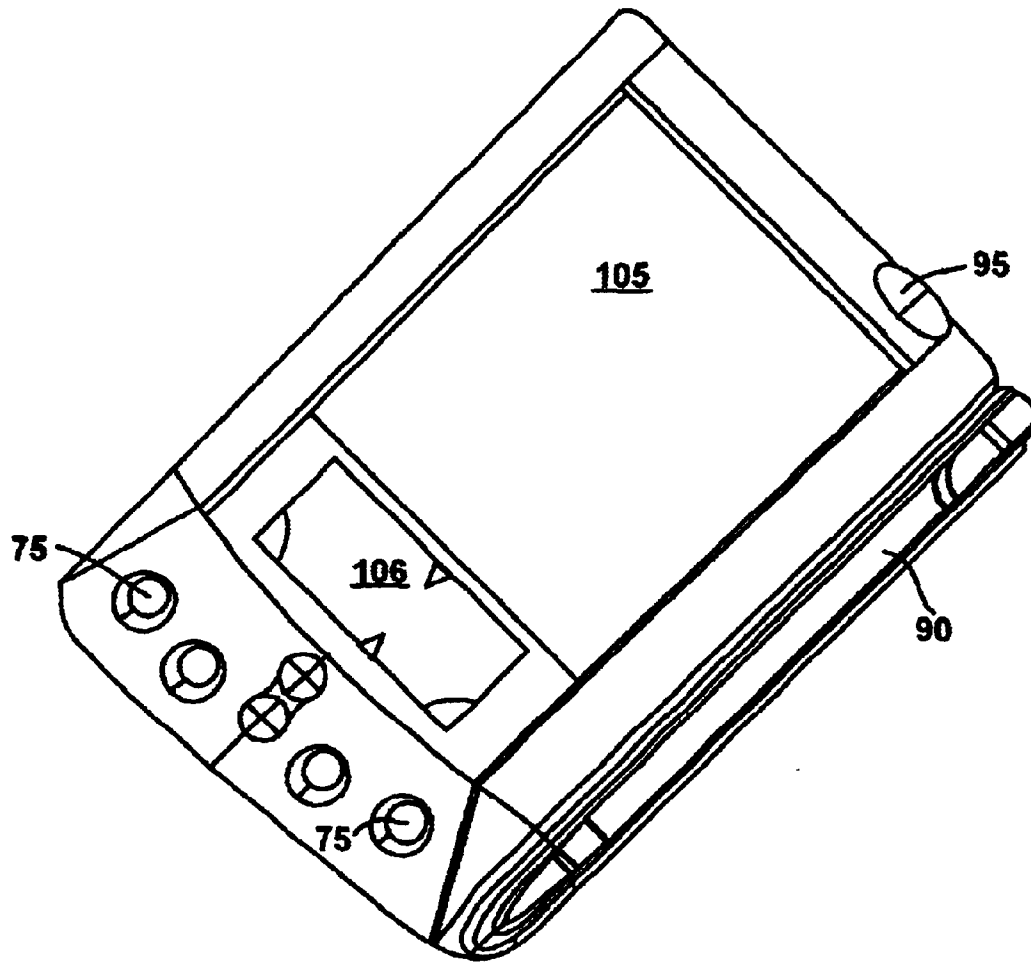


FIG. 3

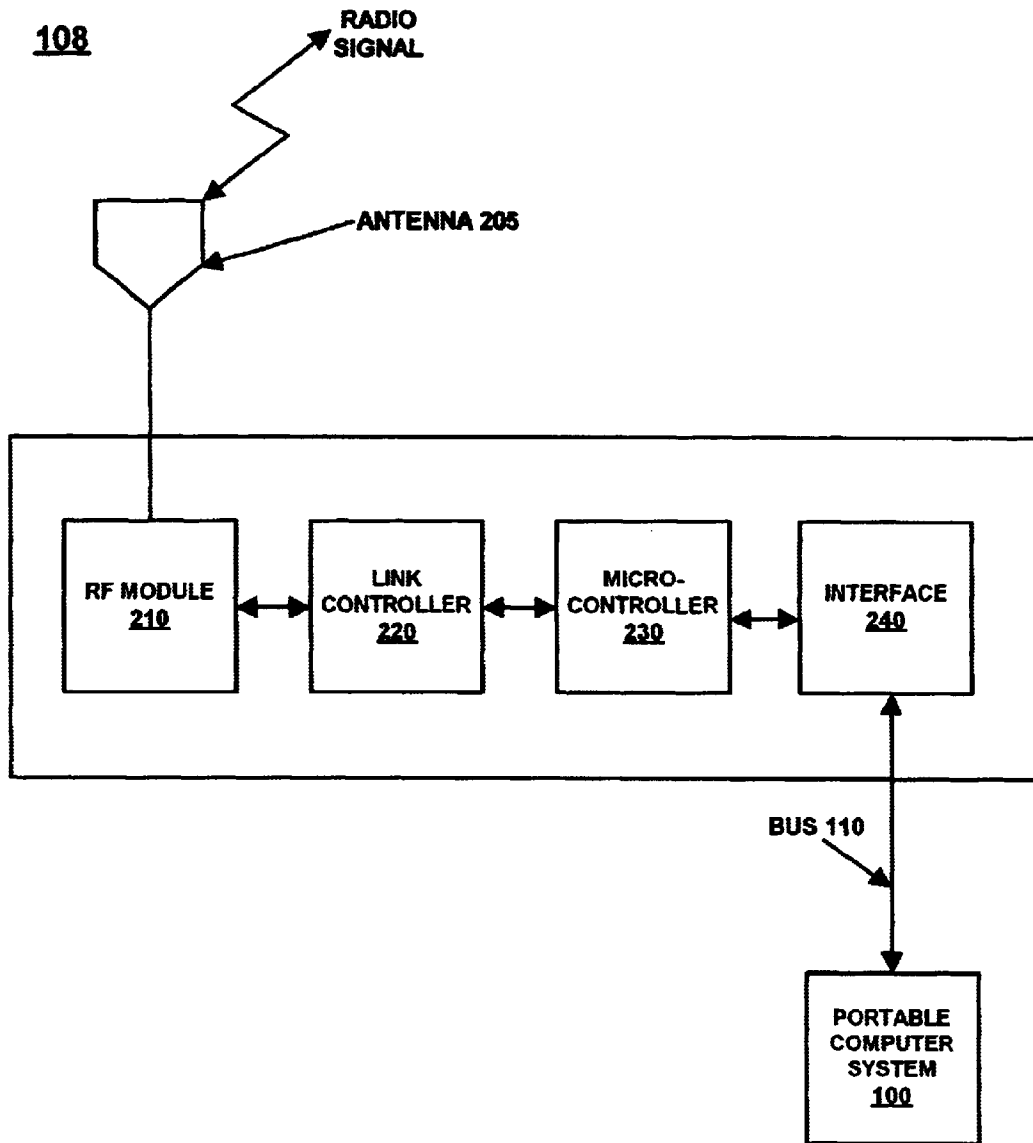


FIG. 4A

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