United States Patent [19]

Thomas et al.

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[54] **METHOD AND APPARATUS FOR ADAPTING A COMMUNICATION INTERFACE DEVICE TO MULTIPLE NETWORKS**

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[73] Assignee: **U.S. Robotics Mobile Communications Corp.**, Salt Lake City, Utah

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[51] **Int. Cl.^{6}** **H04M 11/00**

[52] **U.S. Cl.** **379/93.07**; 379/93.29

[58] **Field of Search** 379/98, 93, 59, 379/58, 63, 441, 442, 443; 375/222

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[57] **ABSTRACT**

A reconfigurable communication interface system is provided comprising a reconfigurable communication interface device and a communication adapter cable. The reconfigurable communication interface device contains means to identify a valid communication adapter cable. After an attached communication adapter cable is recognized as valid, operational values are downloaded from outside the communication interface device and the communication interface device software is reconfigured. Operational values may be loaded from the communication adapter cable or from the host computer. Adapter cables for a wide variety of applications such as various telephone networks, various cellular telephones, Ethernet networks, PBX type networks, ISDN type networks, optical networks, or other LAN and WAN type networks are provided.
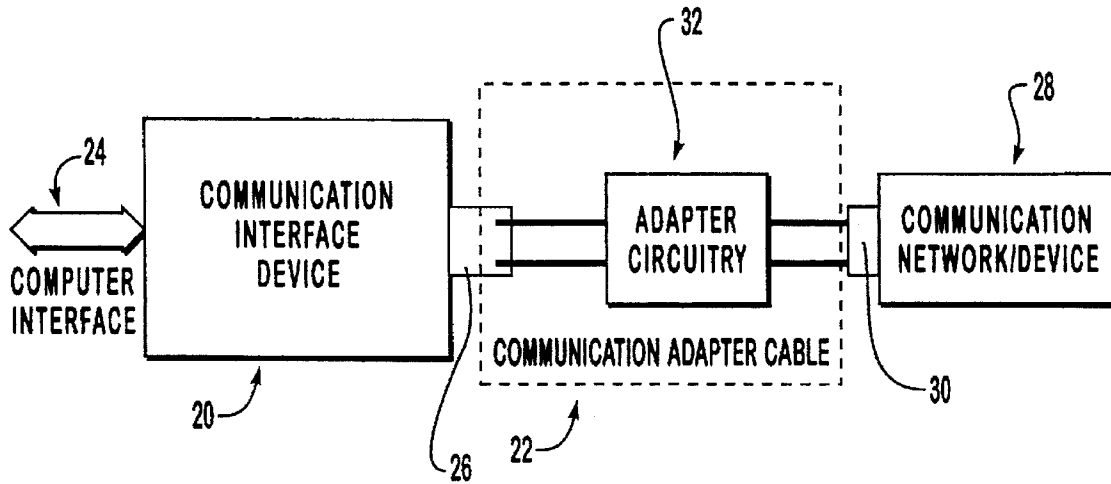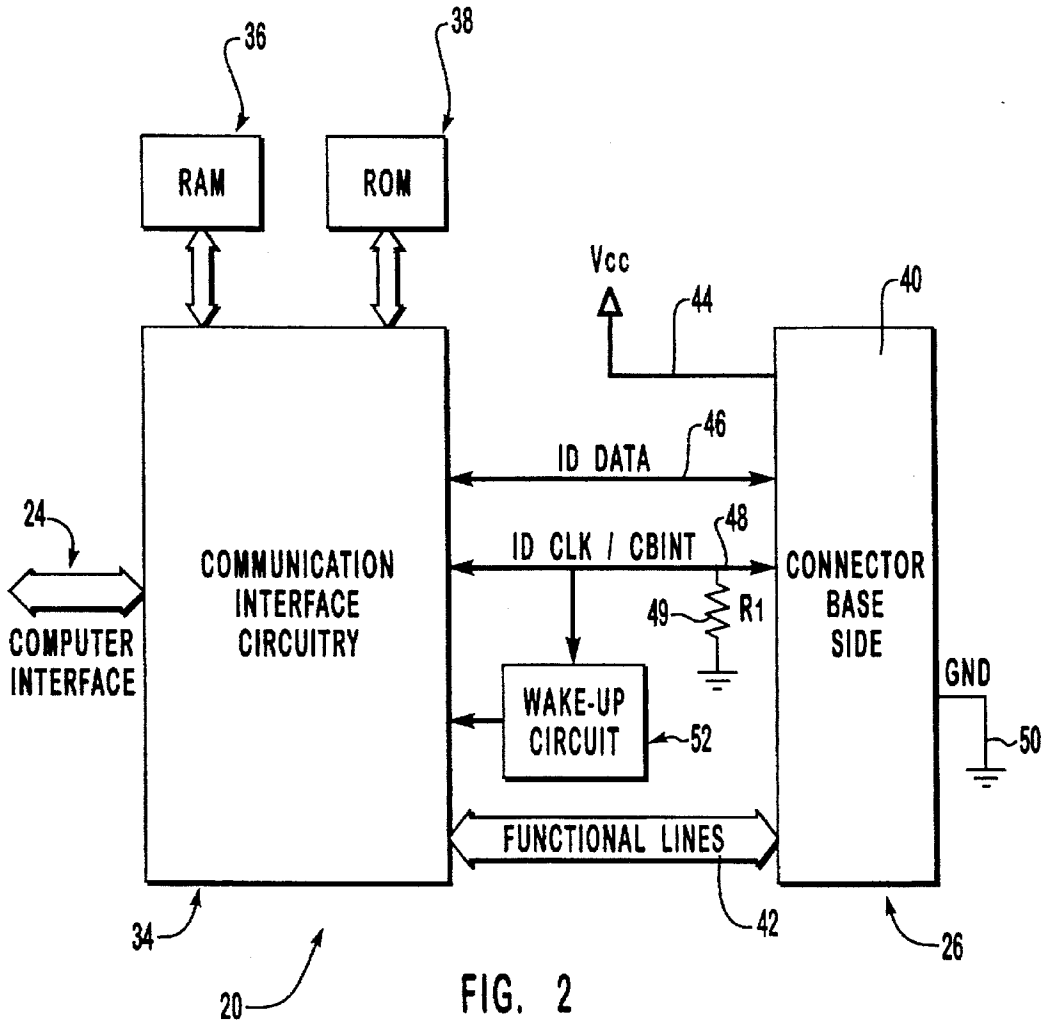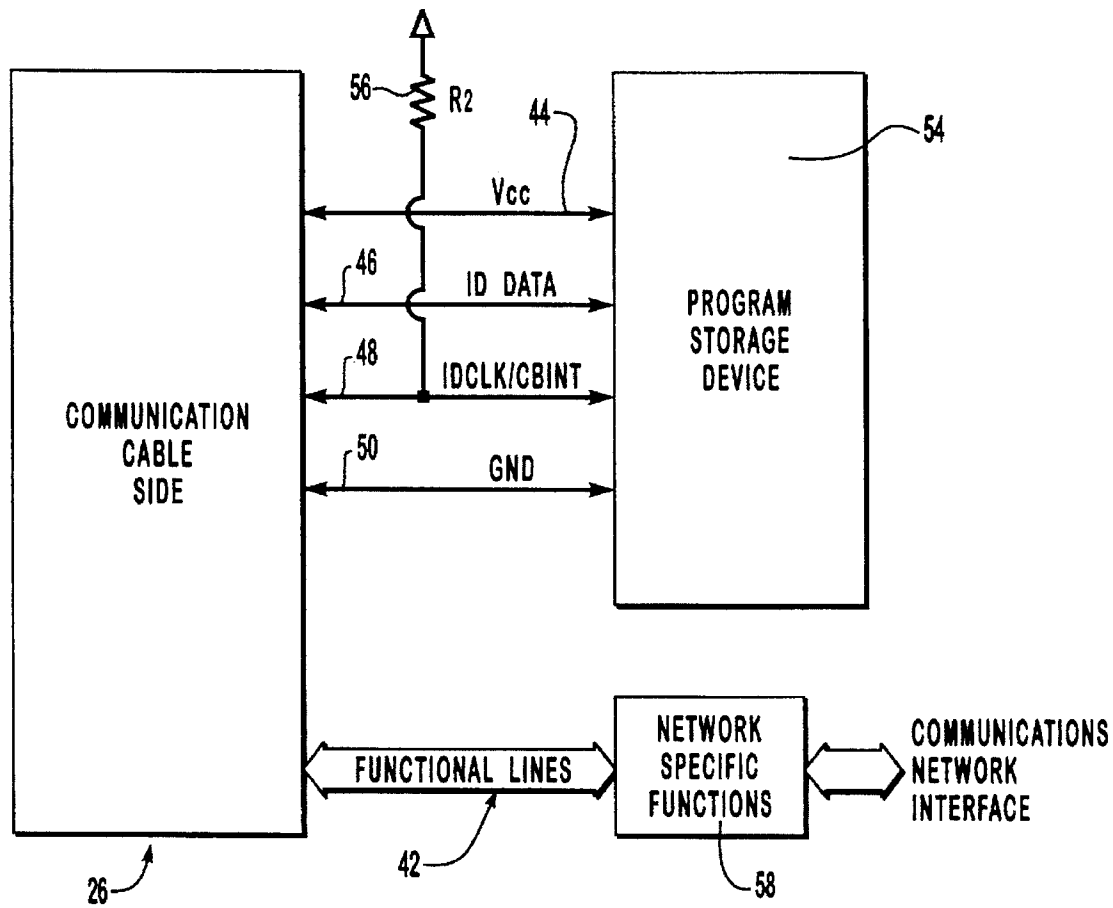
16 Claims, 4 Drawing Sheets
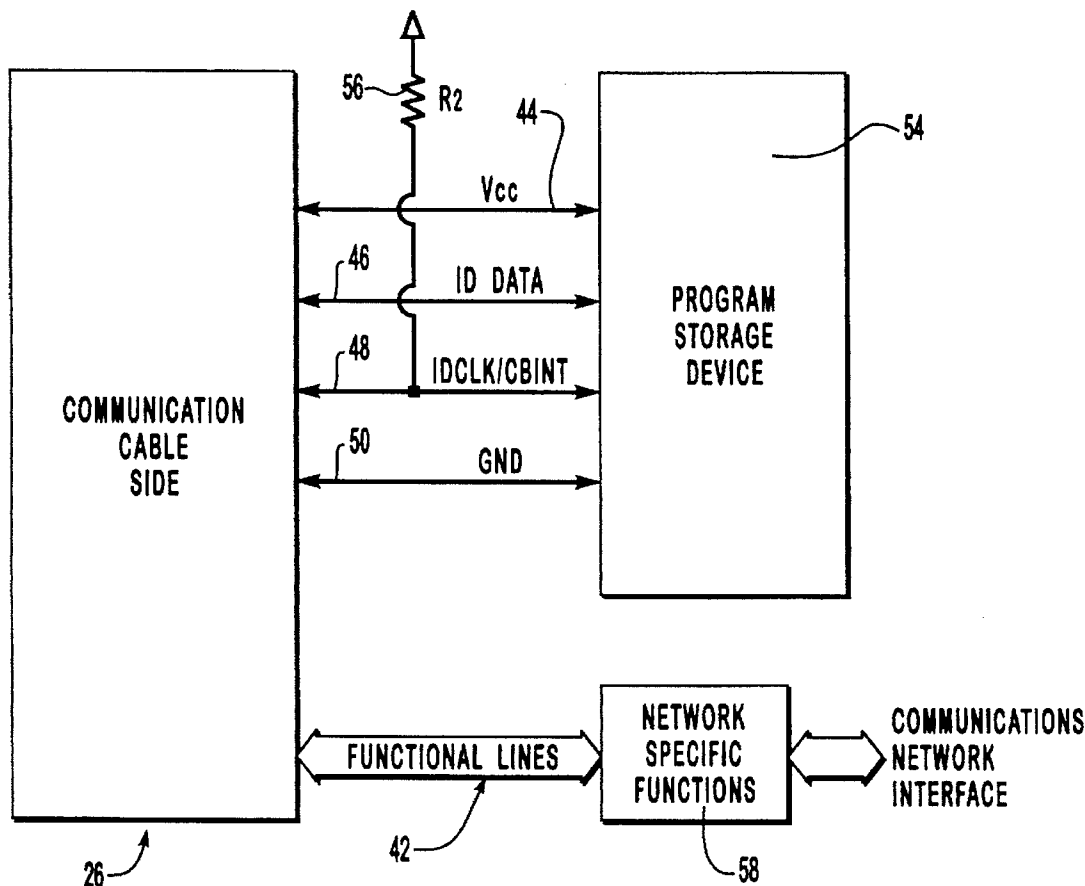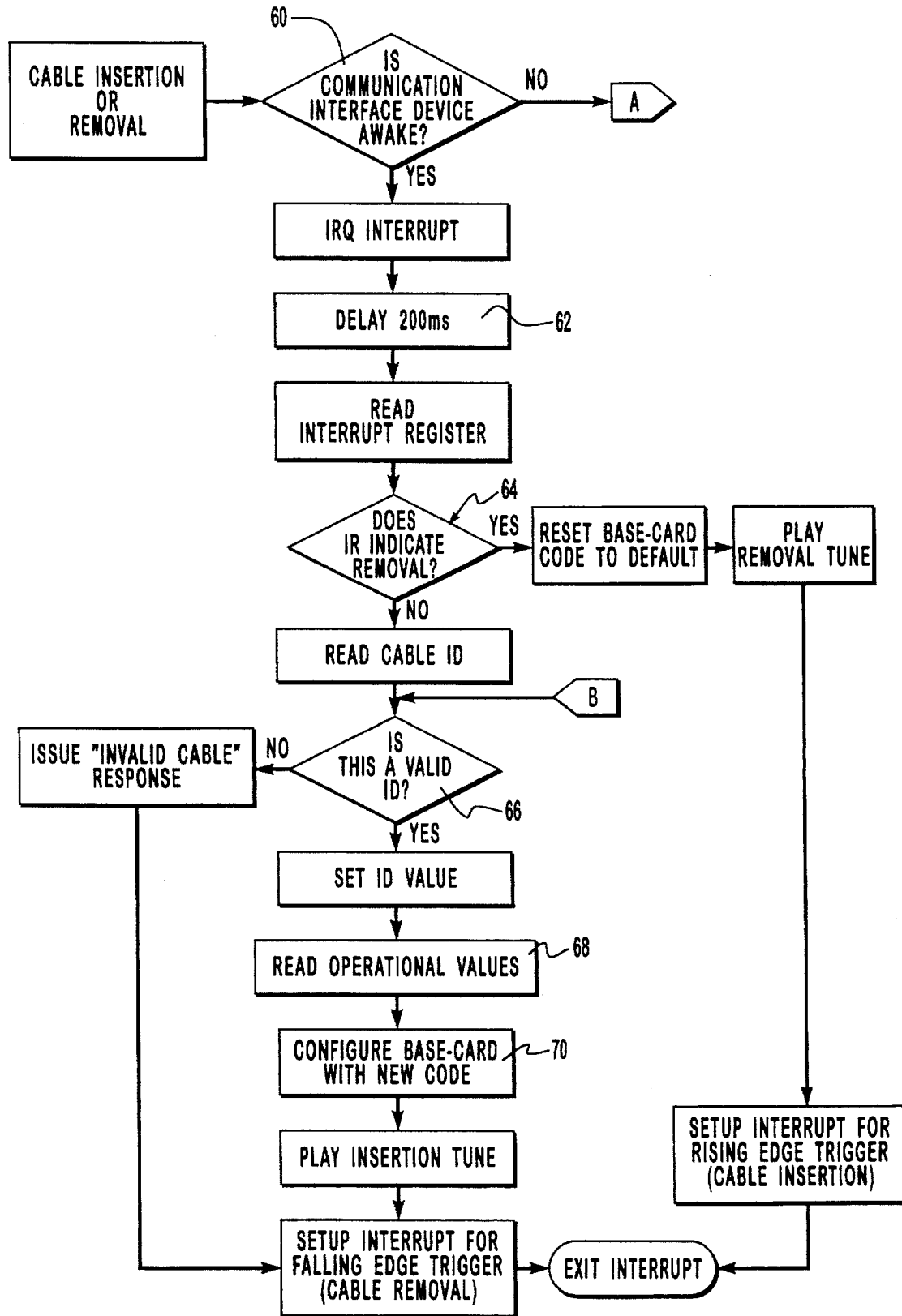
FIG. 1

FIG. 2

FIG. 3

FIG. 4a

FIG. 4b

DOCKET ALARM
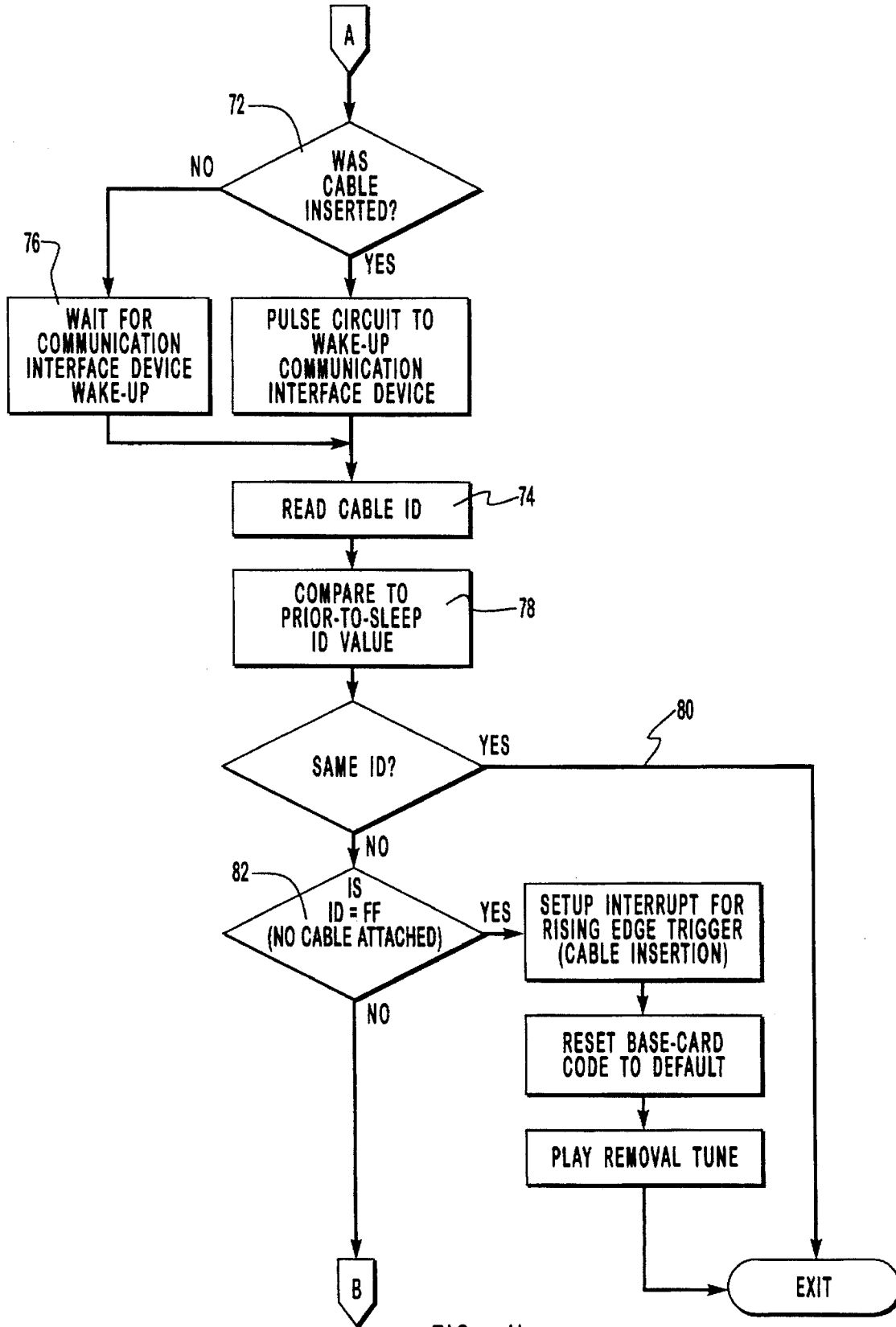
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