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United States Patent [19]
Russell

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- [54] **IN AN INTERACTIVE NETWORK BOARD, A METHOD AND APPARATUS FOR STORING A MEDIA ACCESS CONTROL ADDRESS IN A REMOTELY ALTERABLE MEMORY**
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- [73] Assignee: **Canon Information Systems, Inc.**, Irvine, Calif.
- [21] Appl. No.: **978,435**
- [22] Filed: **Nov. 18, 1992**
- [51] Int. Cl.⁶ **G06F 13/16; G06F 15/177**
- [52] U.S. Cl. **395/200.51; 395/200.46; 395/834; 395/183.14**
- [58] **Field of Search** 395/200, 800, 395/200.1, 200.07, 200.08, 430, 834, 183.14, 200.42, 200.46, 200.5, 200.51, 653; 370/85.14, 85.08; 340/825.05, 825.3, 825.5; 364/276.3, 281.9, 280.3, 962.1; 711/103

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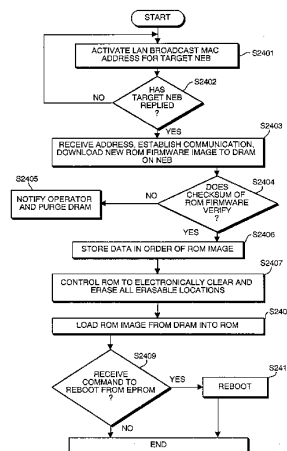
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[57] **ABSTRACT**

Method and apparatus for storing a Media Access Control (MAC) address in an EPROM disposed on a target interactive network board having a local area network interface comprises the step of activating a LAN communication program. The communication program operates to broadcast an inquiry through the LAN for the target interactive network board, to receive location information of the target interactive network board in response to the broadcast inquiry, and to establish communication with the target interactive network board. The MAC address is downloaded to a RAM on the board, verified therein, and loaded into the EPROM from the RAM.

26 Claims, 31 Drawing Sheets



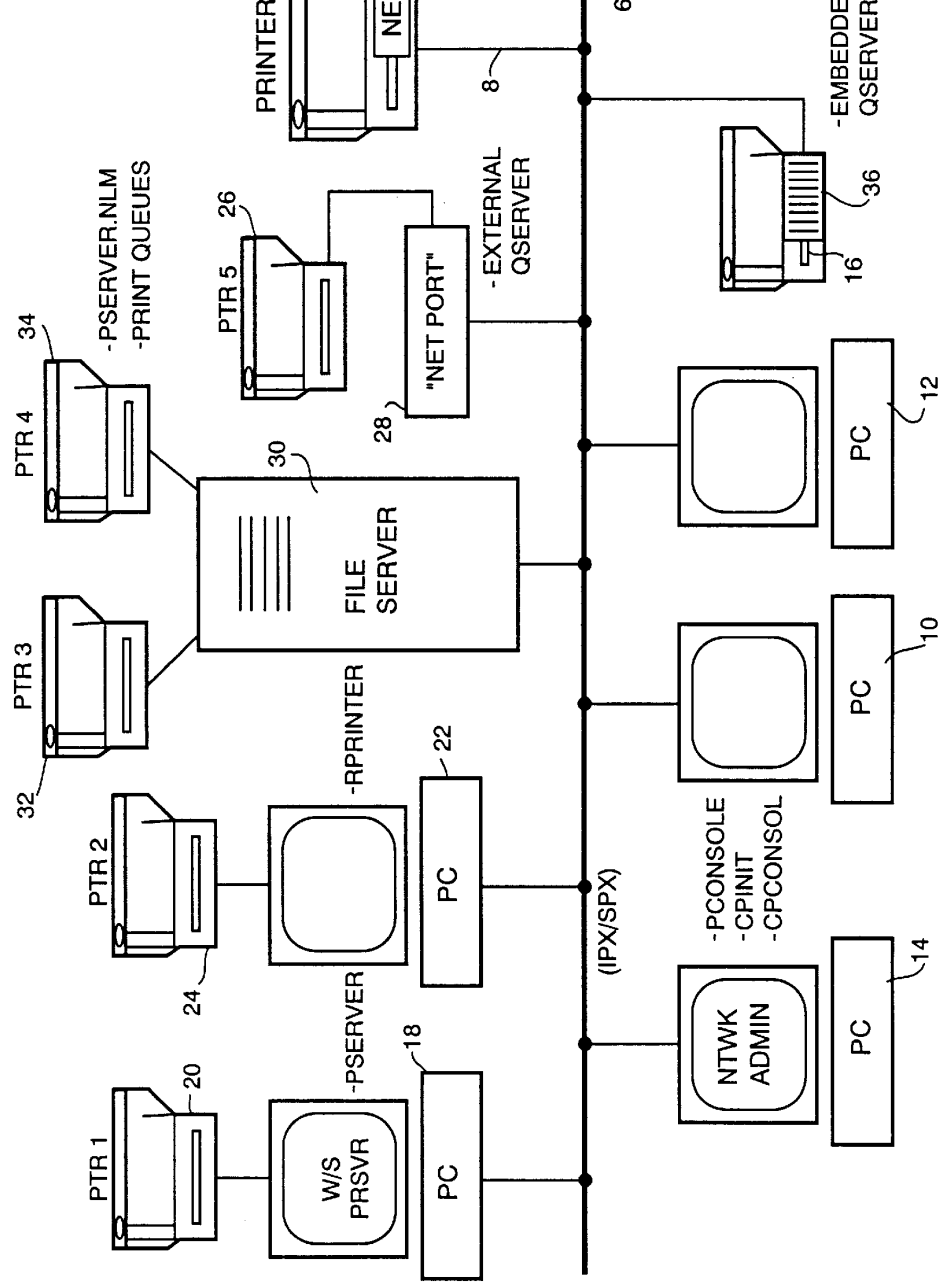


FIG. 1

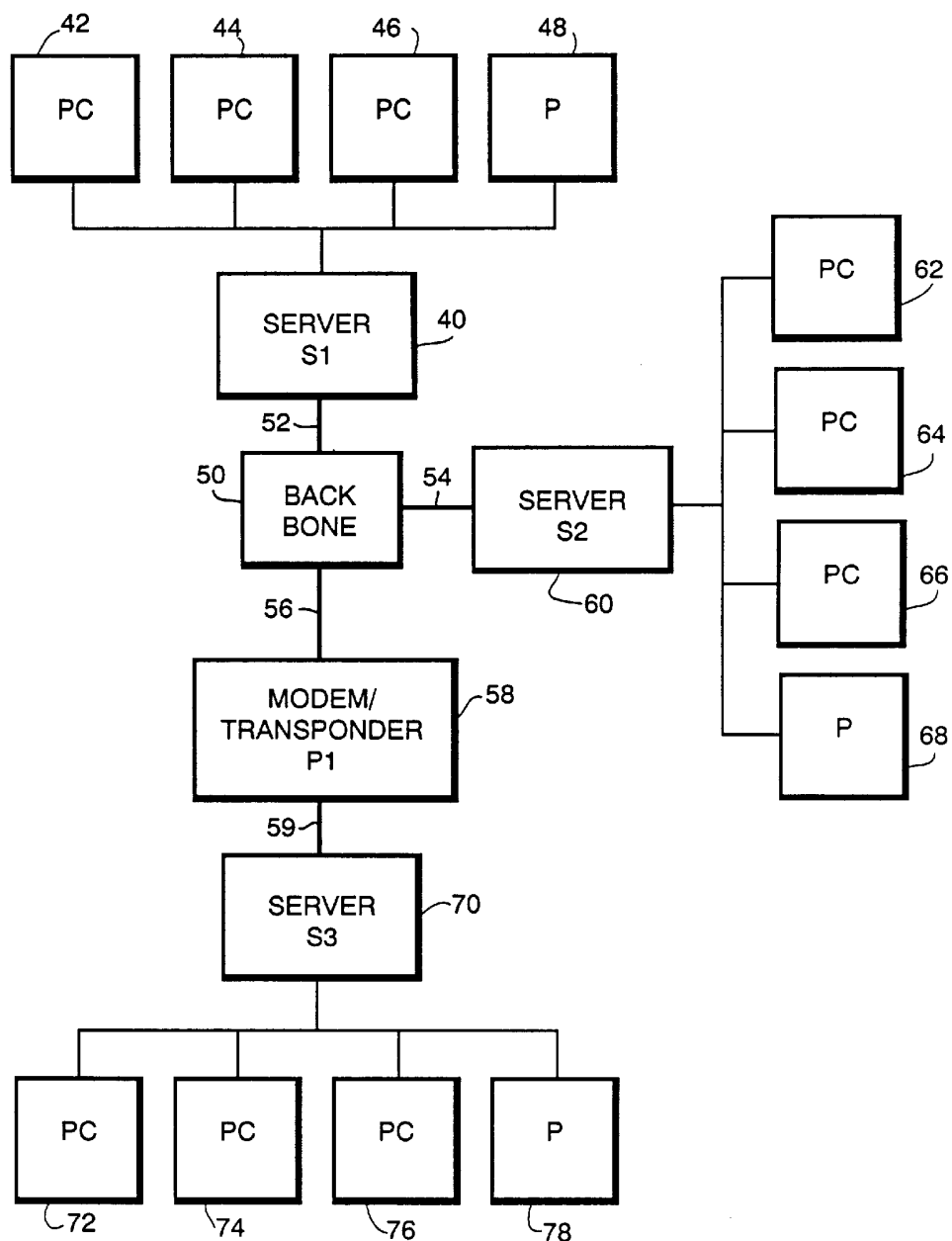
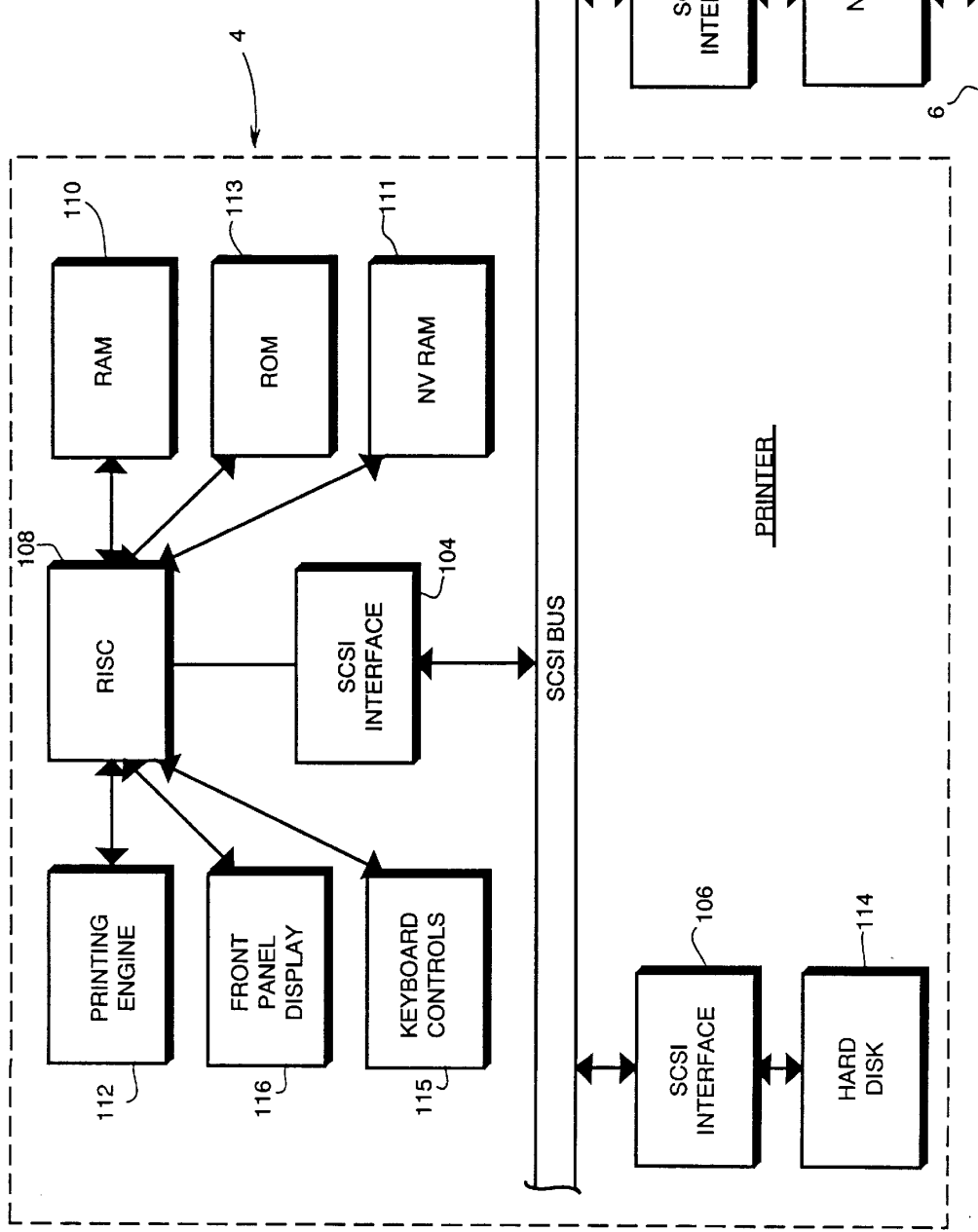


FIG. 2



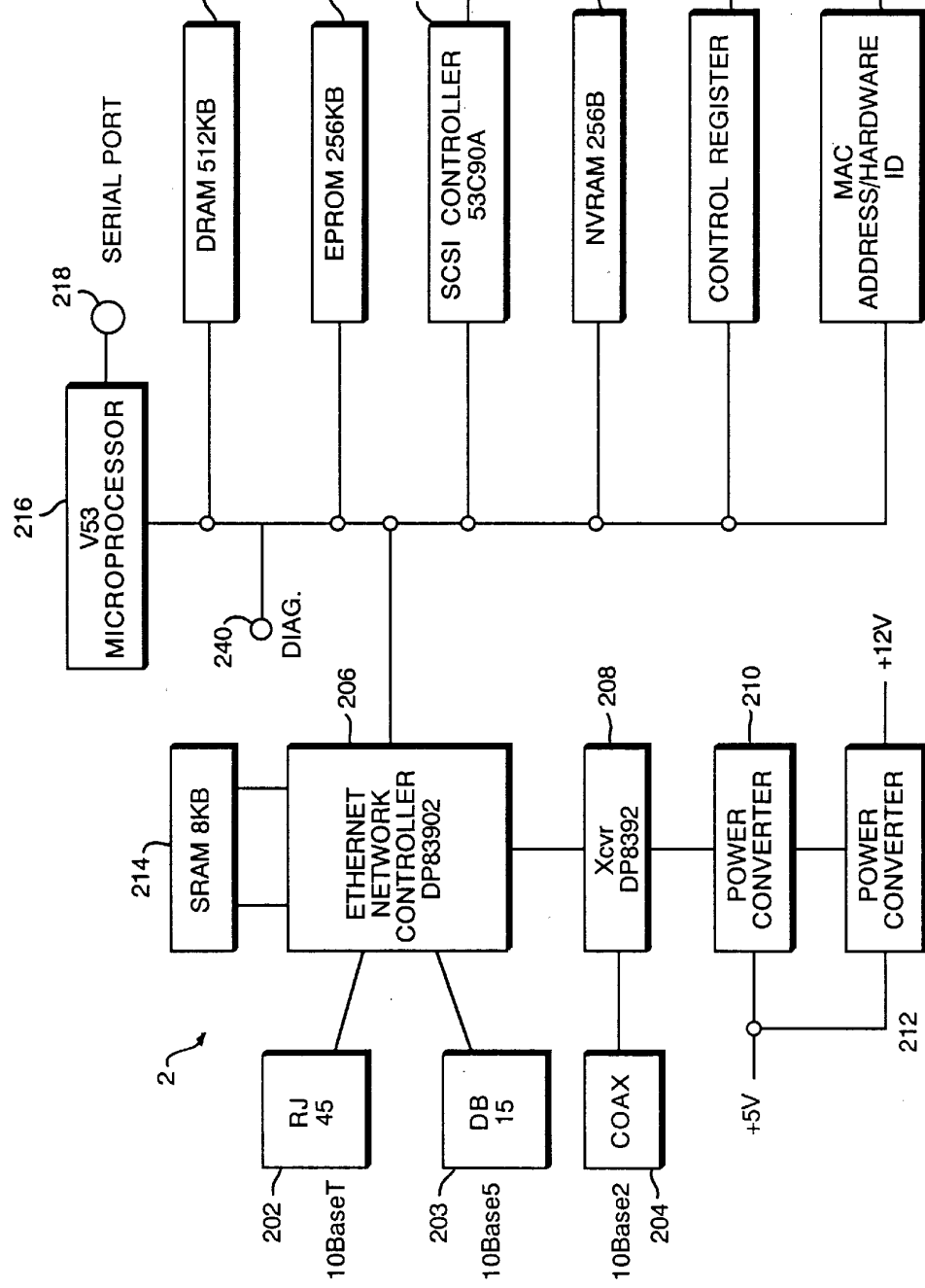


FIG. 4

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