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United States Patent [19]
McNeill, Jr. et al.

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[54] **SMALL COMPUTER SYSTEM EMULATOR FOR NON-LOCAL SCSI DEVICES**

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[73] Assignee: **International Business Machines Corporation**, Armonk, N.Y.

[21] Appl. No.: **263,168**

[22] Filed: **Jun. 21, 1994**

Related U.S. Application Data

[63] Continuation of Ser. No. 812,197, Dec. 20, 1991, abandoned.

[51] Int. Cl.⁶ **G06F 15/16**

[52] U.S. Cl. **395/500; 395/800; 364/228; 364/280; 364/280.9; 364/284.2; 364/DIG. 1**

[58] **Field of Search** **395/800, 500; 364/DIG. 1, 228, 280, 280.9, 284.2, DIG. 1**

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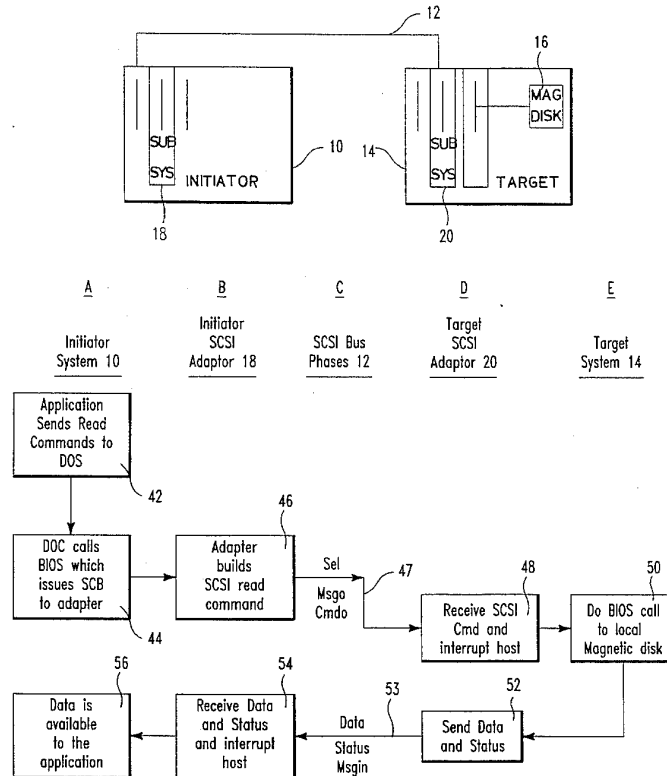
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Attorney, Agent, or Firm—Bernard D. Bogdon

[57] **ABSTRACT**

A SCSI computer system is provided whereby a host computer gains access to a targeted but non-local peripheral device, which device or devices are individually responsive to either SCSI or non-SCSI commands, by sending SCSI commands via a SCSI bus to a connected SCSI target computer which emulates the targeted peripheral device local to the SCSI target computer, whether the targeted peripheral device is responsive to only SCSI or only non-SCSI commands, to cause the targeted peripheral device to carry out the initial SCSI commands.

1 Claim, 9 Drawing Sheets



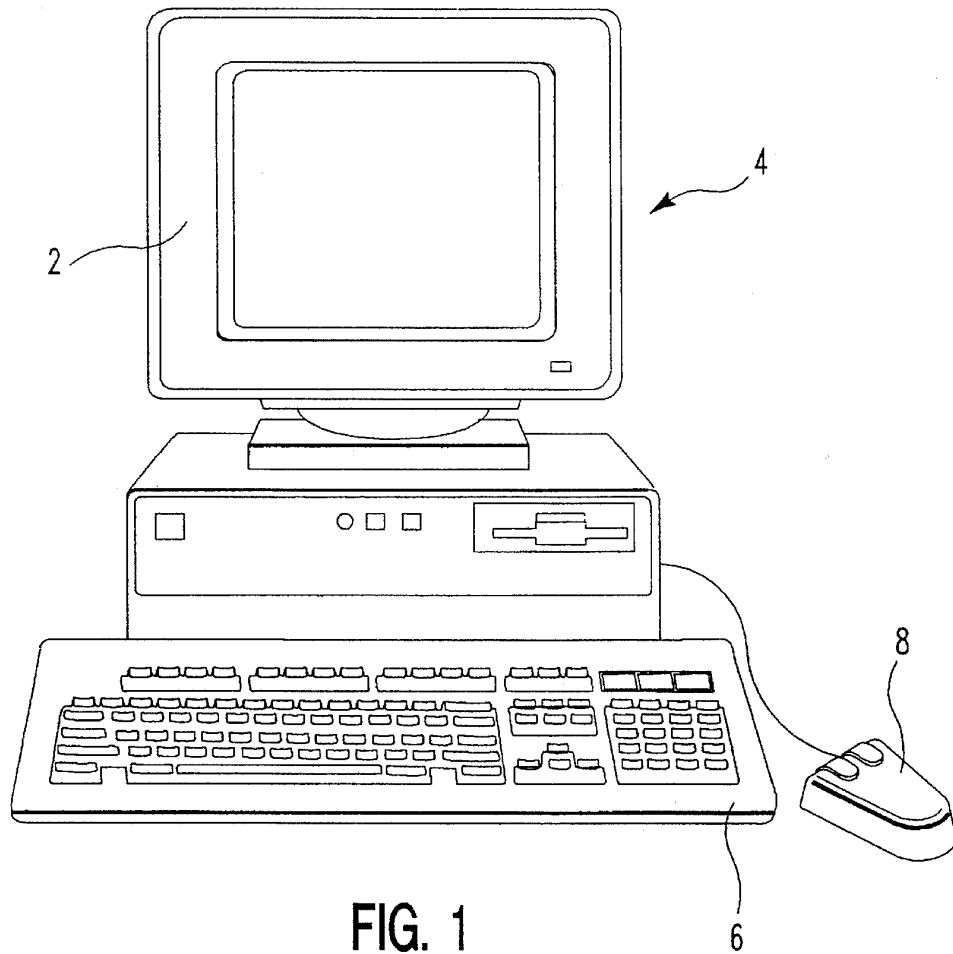


FIG. 1

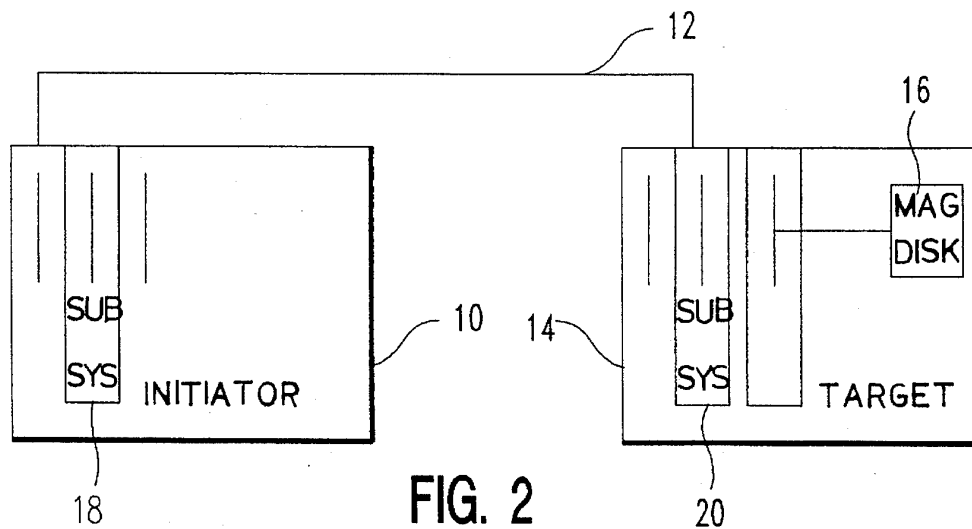


FIG. 2

FIG. 3

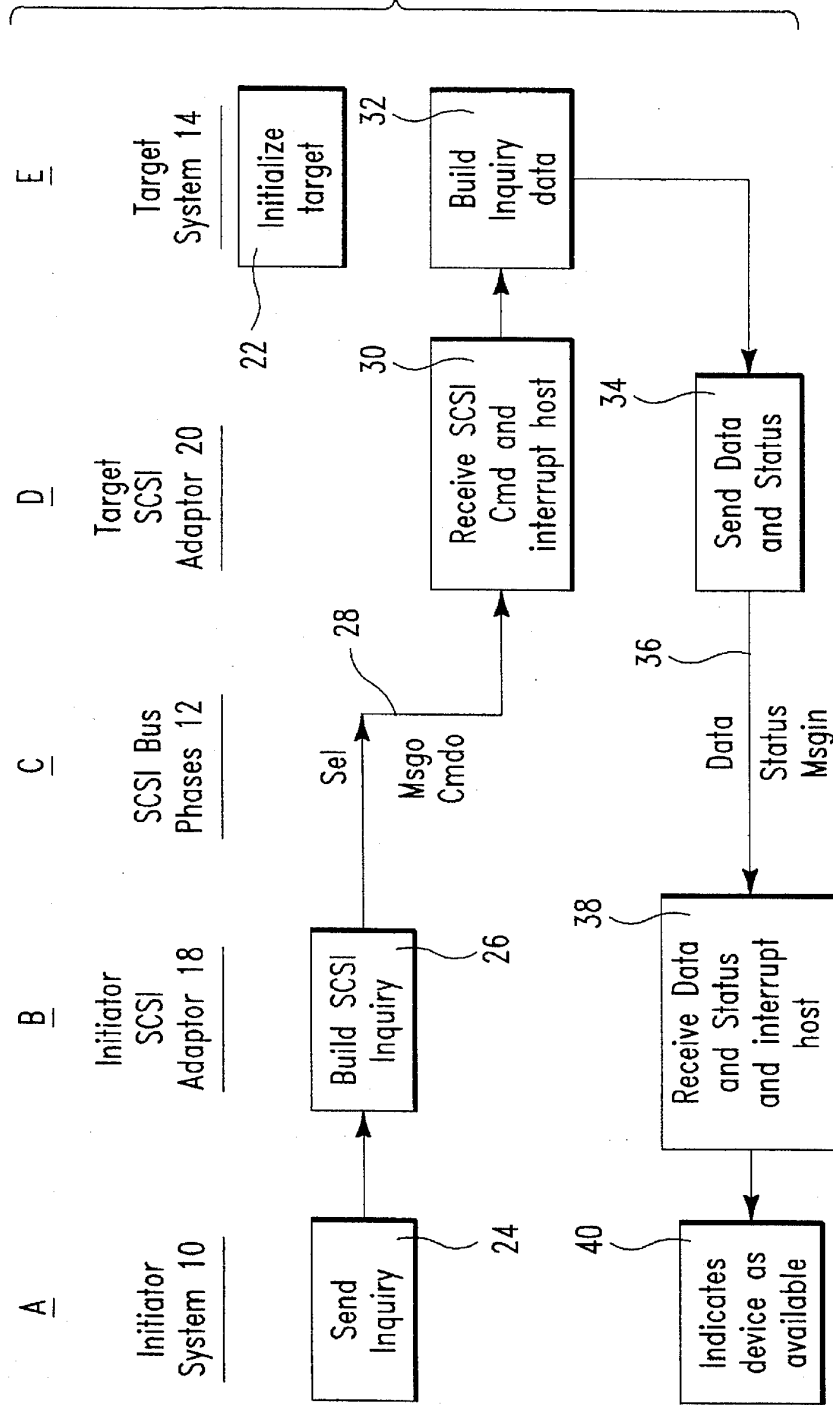
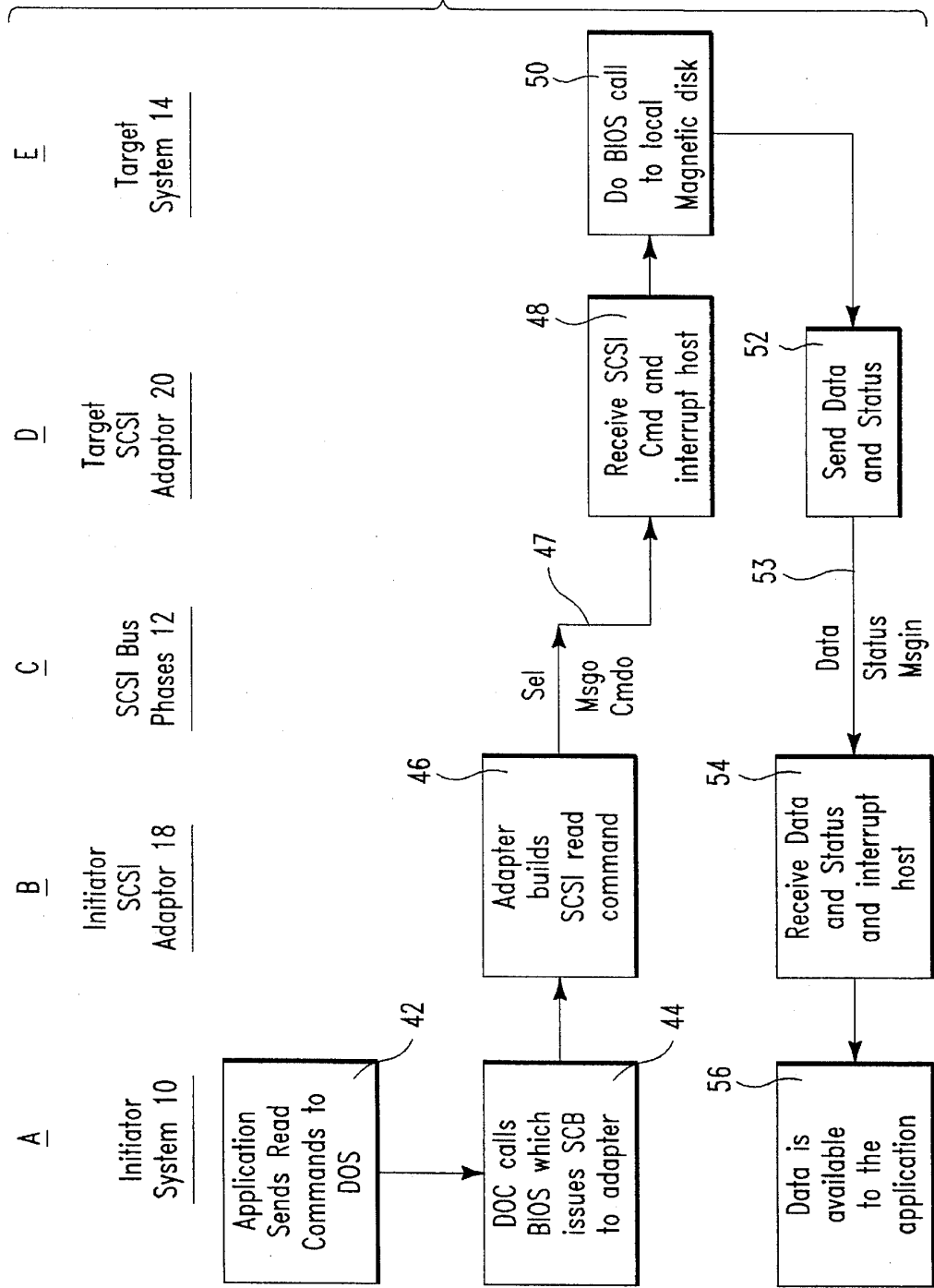


FIG. 4



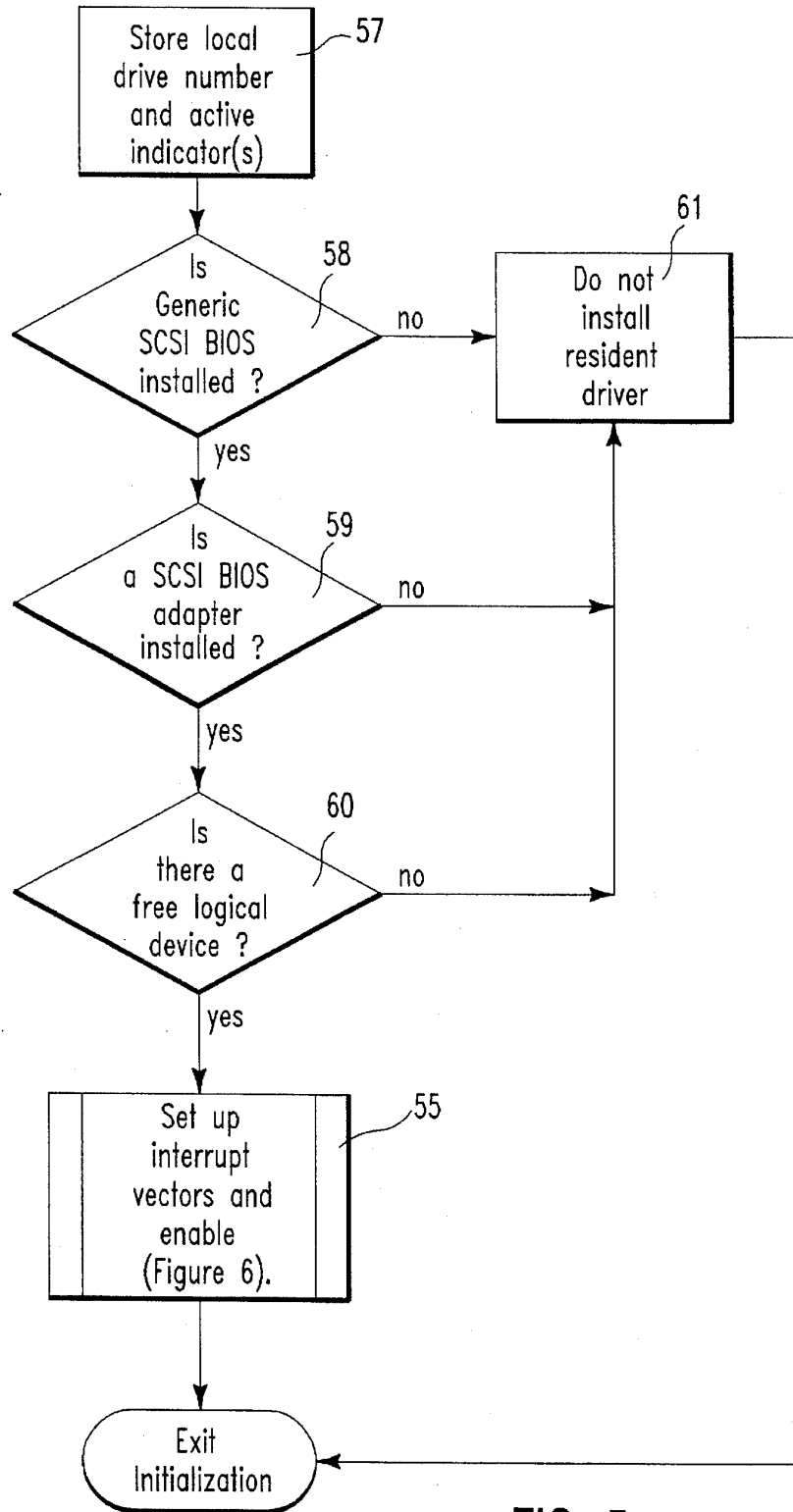


FIG. 5

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