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[51] **Int. Cl.⁶** **G06F 1/32; G06F 1/26**

[52] **U.S. Cl.** **395/750.01; 395/750.03; 395/750.05; 395/750.06; 395/282**

[58] **Field of Search** **395/750.01, 750.02, 395/750.05, 750.06, 282**

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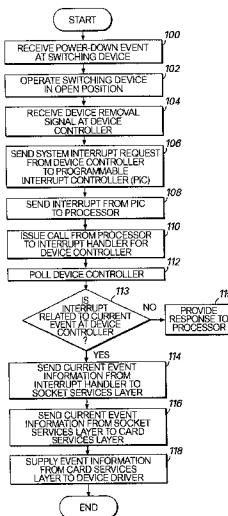
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Assistant Examiner—Valerie Darbe
Attorney, Agent, or Firm—Jones & Askew LLP

[57] **ABSTRACT**

A system for managing power consumption of a computer by communicating power management events to a removable device of the computer. A device removal signal is transmitted to a device controller for the removable device in response to a power management event and while the device is installed within a socket of the computer. This device removal signal can provide notice of a power state change for the device, such as the interruption of electrical power to that device. This power state change is communicated by the device controller to a device driver in response to the device removal signal. Electrical power to the device is terminated in response to the power management event. A device insertion signal is transmitted to the device controller in response to another power management event and while the device remains installed within the socket. This device insertion signal provides notice of another state change for the device. Electrical power is reapplied to the device in response to this power management event. In addition, the device is configured by supplying device information from the device driver to the device in response to the device insertion signal and after electrical power is applied to the device.

13 Claims, 4 Drawing Sheets



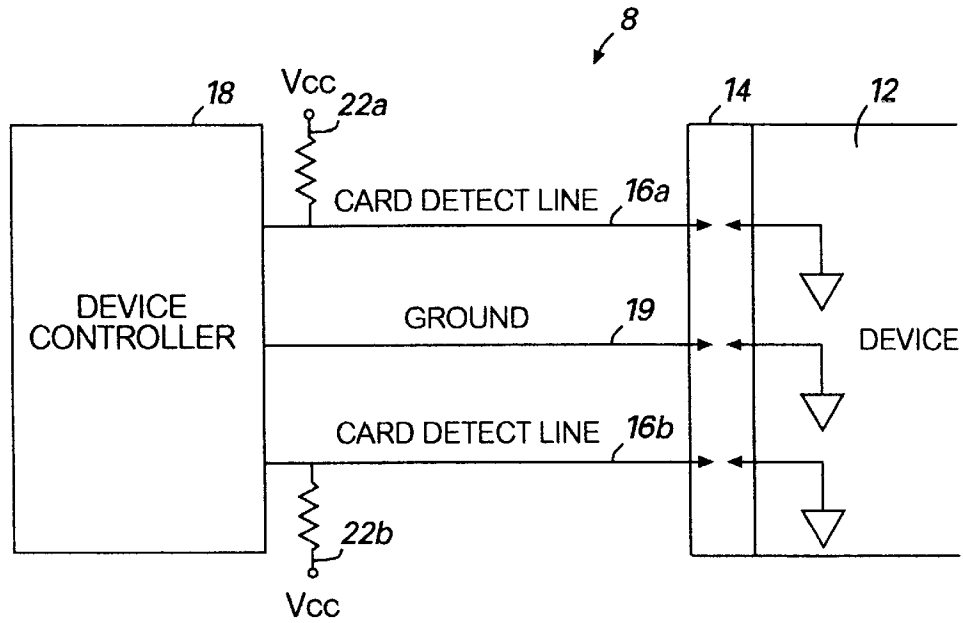


FIG. 1

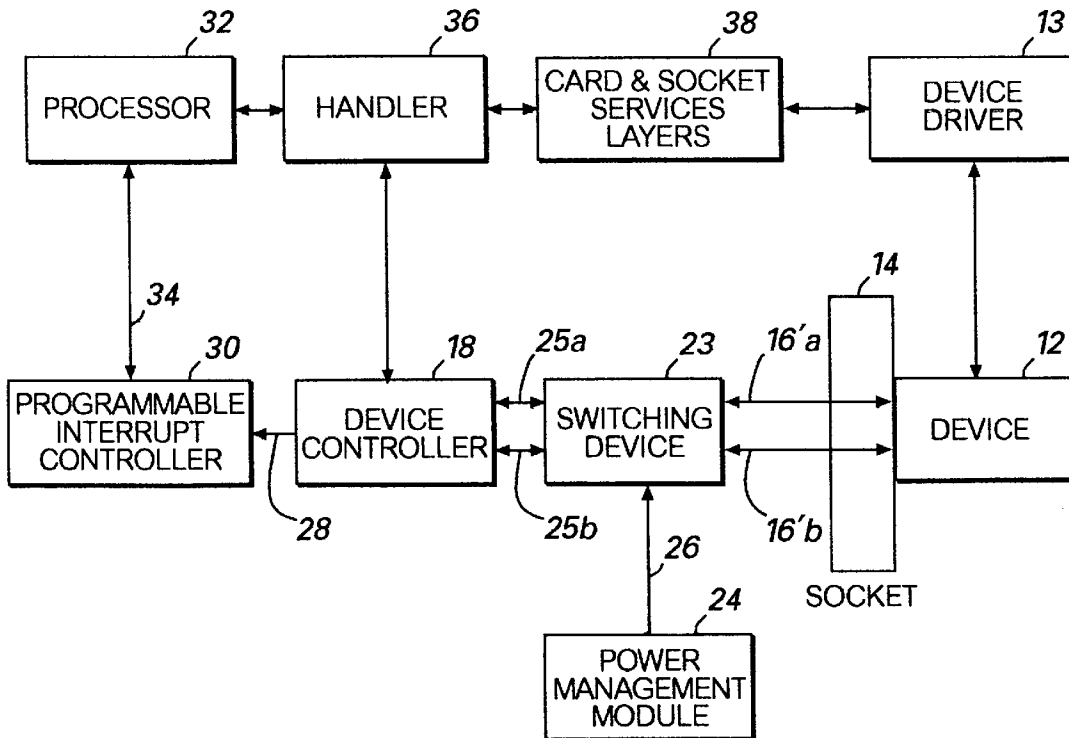


FIG. 2

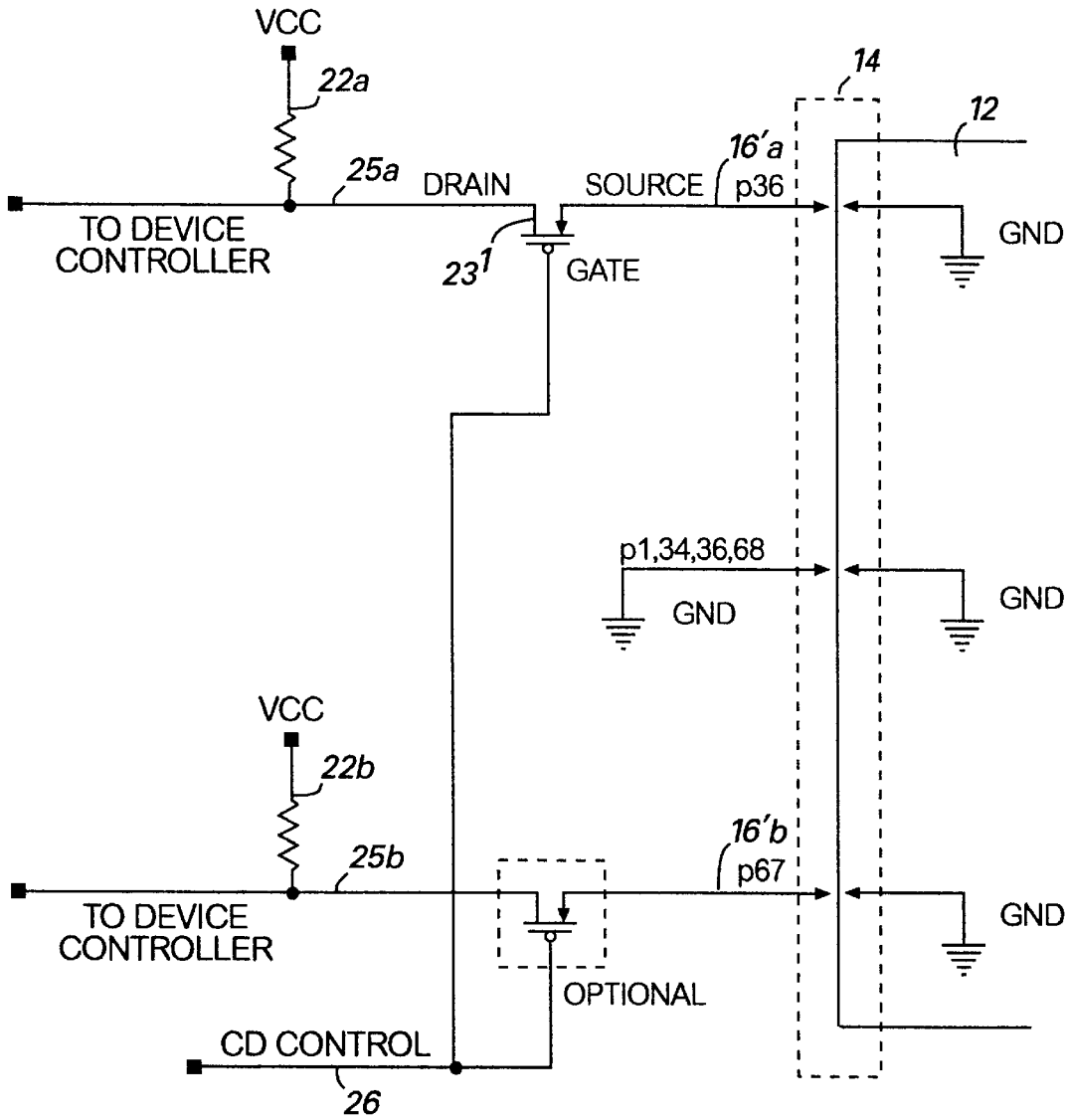


FIG. 3

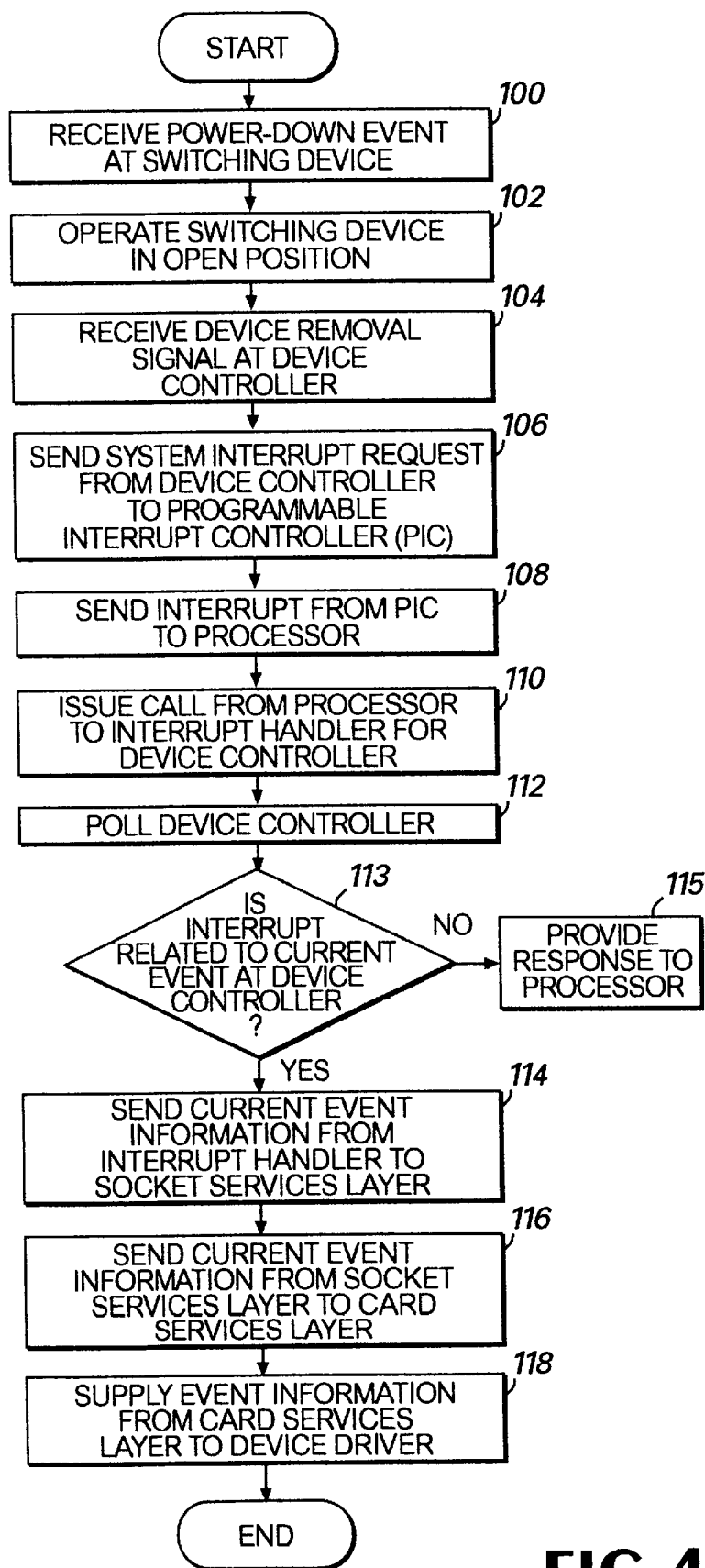


FIG. 4

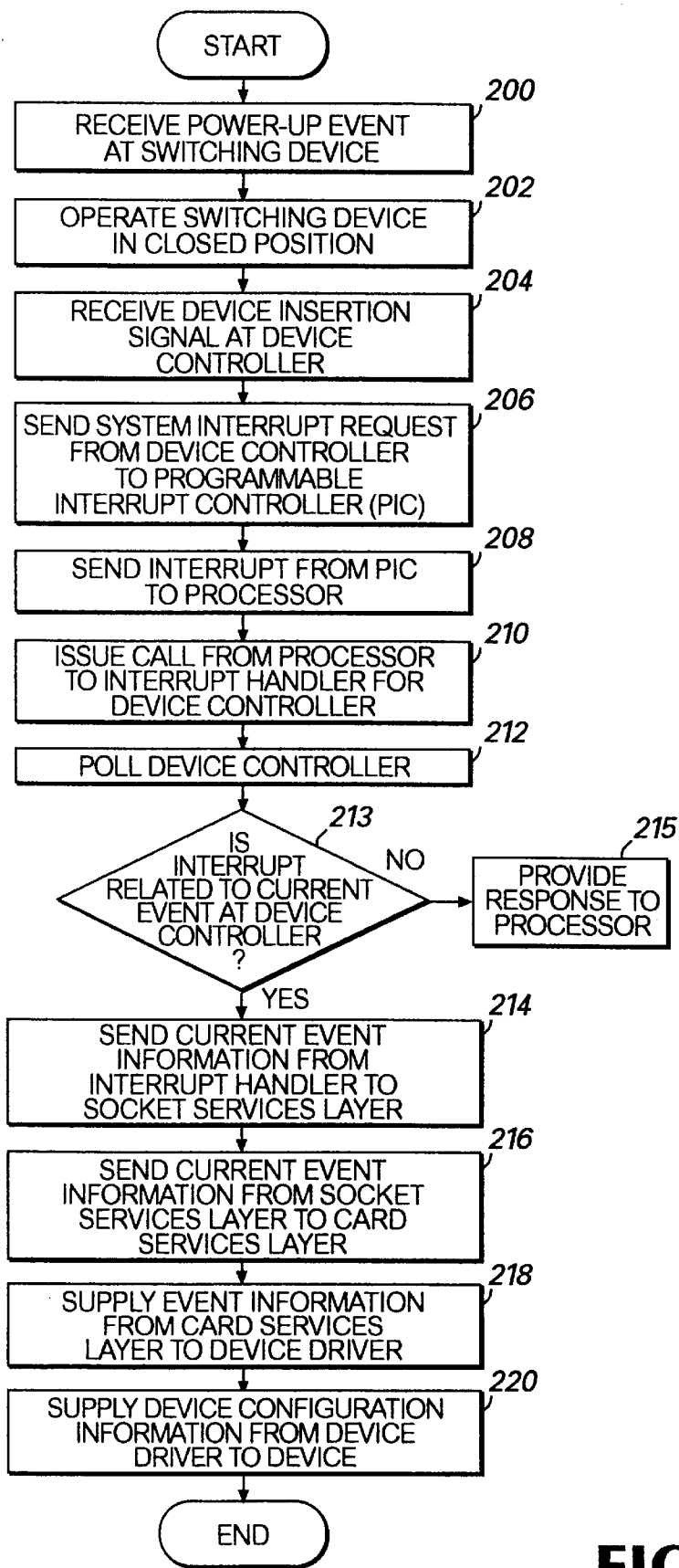


FIG. 5

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