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(12) United States Patent

Sartore et al.

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(54)	SYSTEM FOR RECONFIGURING A
	PERIPHERAL DEVICE BY DOWNLOADING
	INFORMATION FROM A HOST AND
	ELECTRONICALLY SIMULATING A
	PHYSICAL DISCONNECTION AND
	RECONNECTION TO RECONFIGURE THE
	DEVICE

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U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

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(22) Filed: Jun. 11, 2001

Related U.S. Application Data

(63)	Continuation of application No. 09/476,923, filed on Jan. 4,
, ,	2000, now Pat. No. 6,249,825, which is a continuation of
	application No. 08/886,923, filed on Jul. 2, 1997, now Pat.
	Ño. 6,012,103.

(51)	Int. Cl. ⁷	G06F 13/368
	U.S. Cl	
(58)	Field of Search	710/1, 8, 9, 10,
,		21, 250; 711/103, 104,
	105; 320/21, 155	; 703/21; 713/1, 2, 100

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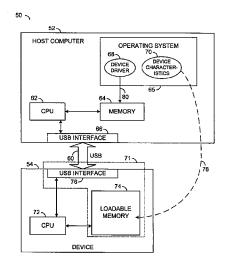
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Primary Examiner—Thomas Lee Assistant Examiner—Thuan Du (74) Attorney, Agent, or Firm—Christopher P. Maiorana, P.C.

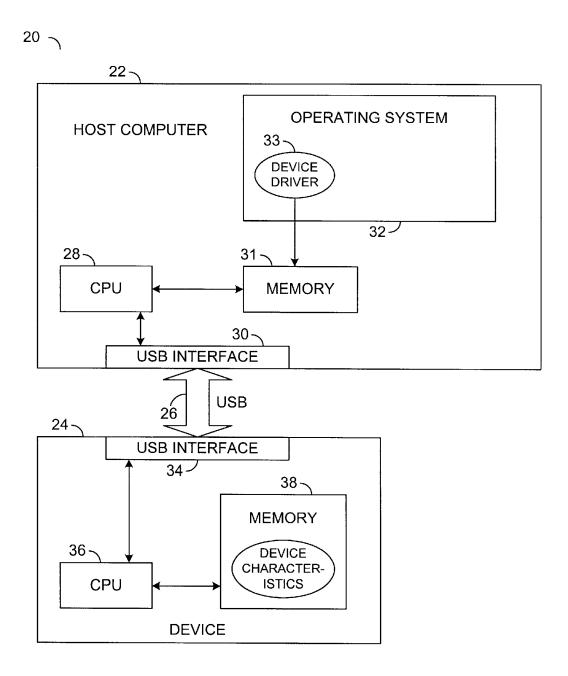
(57) ABSTRACT

A system and method for reconfiguring a peripheral device connected by a computer bus and port to a host from a first generic configuration to a second manufacturer specific configuration is provided in which the configuration of a peripheral device may be electronically reset. A peripheral interface device for a standardized computer peripheral device bus and port is also provided in which a physical disconnection and reconnection of the peripheral device is emulated to reconfigure the bus and port for a particular peripheral device.

20 Claims, 7 Drawing Sheets







(PRIOR ART)

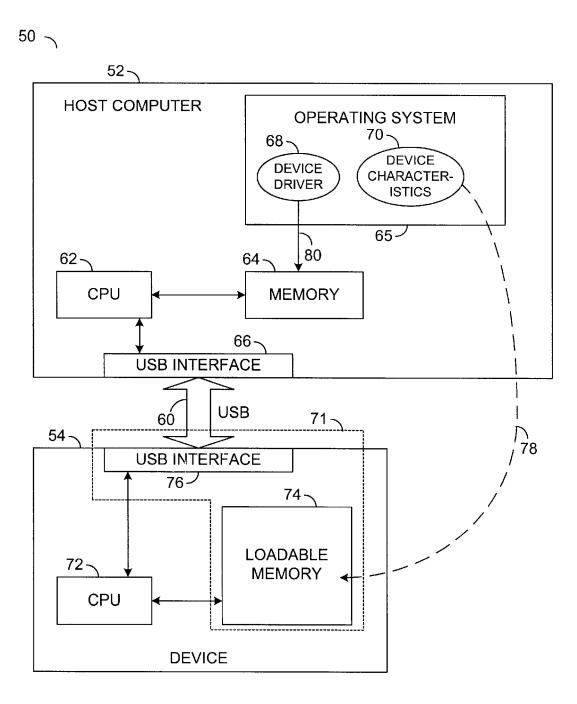


FIG. 2

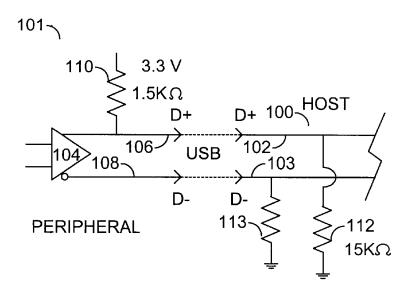


FIG. 3 (PRIOR ART)

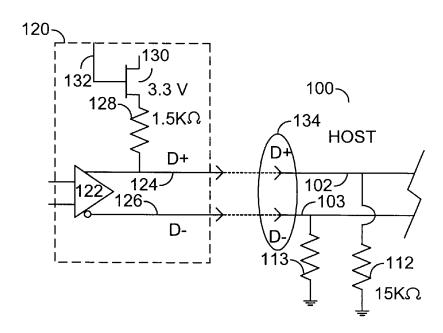


FIG. 4

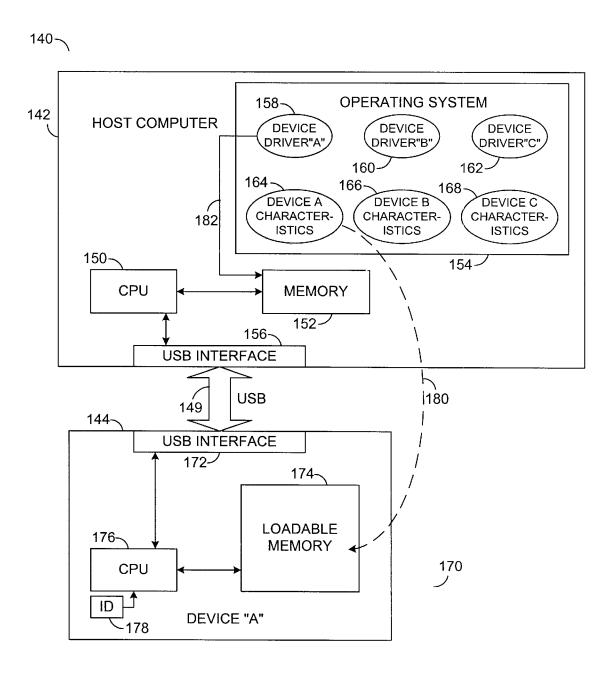


FIG. 5

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