



US 20060208066A1

(19) **United States**

(12) **Patent Application Publication**
Finn et al.

(10) **Pub. No.: US 2006/0208066 A1**
(43) **Pub. Date: Sep. 21, 2006**

(54) **RFID TOKEN WITH MULTIPLE INTERFACE CONTROLLER**

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(21) Appl. No.: **11/355,264**

(22) Filed: **Feb. 15, 2006**

Related U.S. Application Data

(63) Continuation-in-part of application No. 10/990,296, filed on Nov. 16, 2004.
Continuation-in-part of application No. 11/295,685, filed on Dec. 6, 2005.

(60) Provisional application No. 60/652,895, filed on Feb. 15, 2005. Provisional application No. 60/660,398, filed on Mar. 10, 2005. Provisional application No. 60/664,974, filed on Mar. 24, 2005. Provisional application No. 60/734,409, filed on Nov. 8, 2005. Provisional application No. 60/725,818, filed on Oct. 12, 2005. Provisional application No. 60/708,707, filed on Aug. 16, 2005. Provisional application No. 60/708,628, filed on Aug. 16, 2005. Provisional application No. 60/691,337, filed on Jun. 16, 2005. Provisional application No. 60/685,503, filed on May 27, 2005.

Provisional application No. 60/664,974, filed on Mar. 24, 2005. Provisional application No. 60/660,398, filed on Mar. 10, 2005. Provisional application No. 60/652,895, filed on Feb. 15, 2005. Provisional application No. 60/633,541, filed on Dec. 6, 2004. Provisional application No. 60/602,595, filed on Aug. 18, 2004. Provisional application No. 60/562,204, filed on Apr. 14, 2004. Provisional application No. 60/520,698, filed on Nov. 17, 2003.

Publication Classification

(51) **Int. Cl.**
G06K 5/00 (2006.01)
G06K 7/06 (2006.01)
G06K 7/08 (2006.01)
(52) **U.S. Cl.** **235/380; 235/441; 235/451**

ABSTRACT

(57) An RFID token apparatus has a connection module for interfacing with an appliance capable of communicating and interacting with remote servers and networks, a translation module for moving signals between a USB interface and a smart card interface, a processor module which may be capable of operating as a dual-interface (DI) chip; and an input/output module having at least one RF antenna and a modulator. An RFID-contactless interface according to ISO 14443 & ISO 15693 and/or NFC. A wireless interface according to Zigbee, Bluetooth, WLAN 802.11, UWB, USB wireless and/or any similar interface. An RFID reader apparatus has a housing; a slot for a contact or contactless fob; and a USB stick alternately protruding from the housing and retracted within the housing.

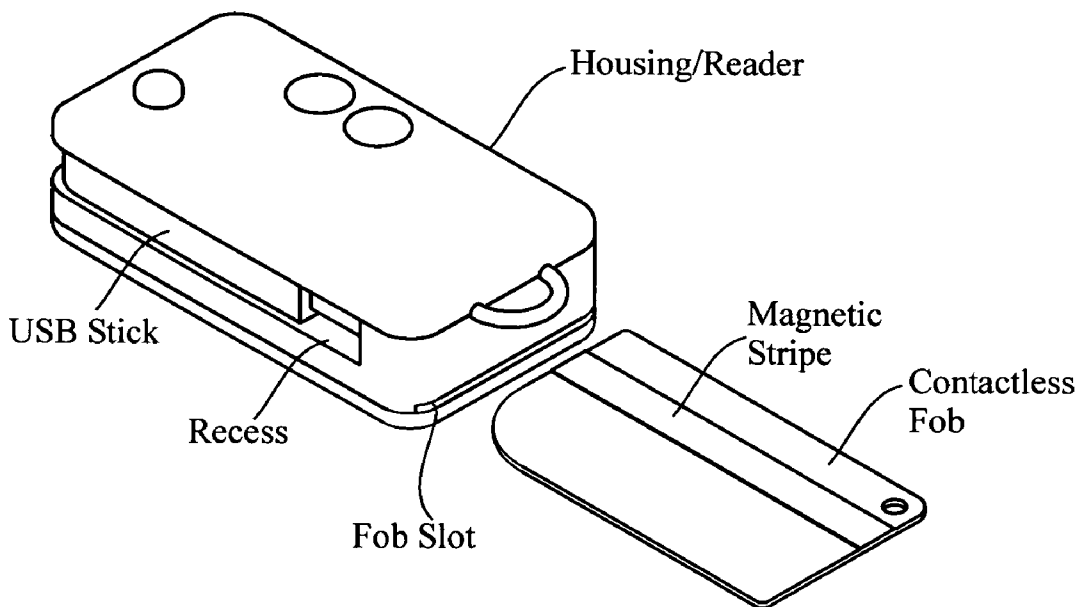


FIG 1A

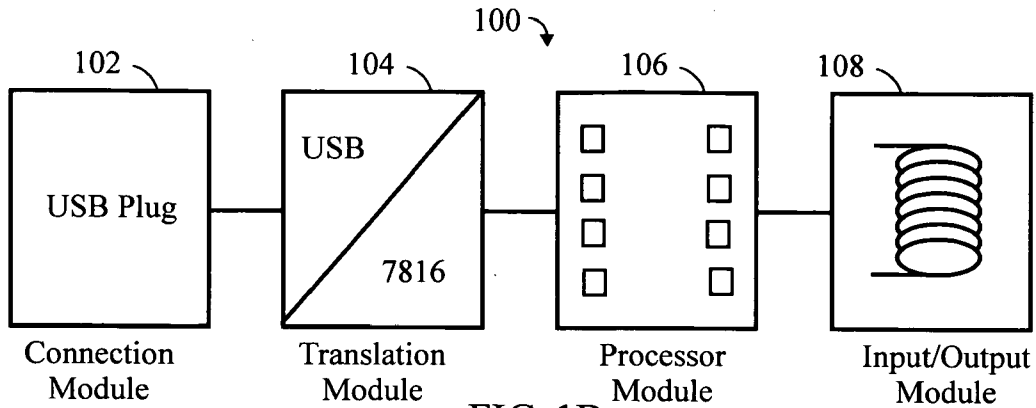


FIG. 1B

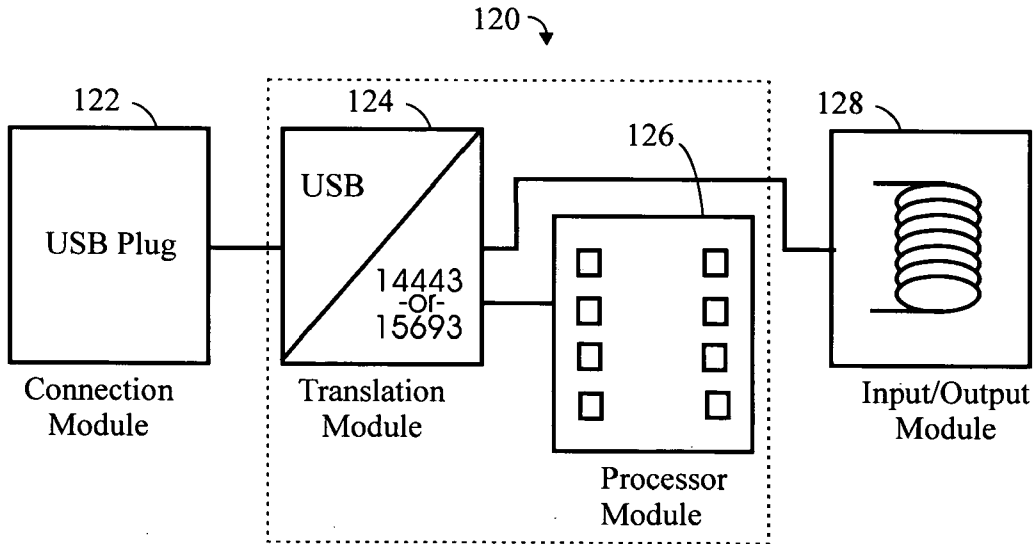


FIG 1C

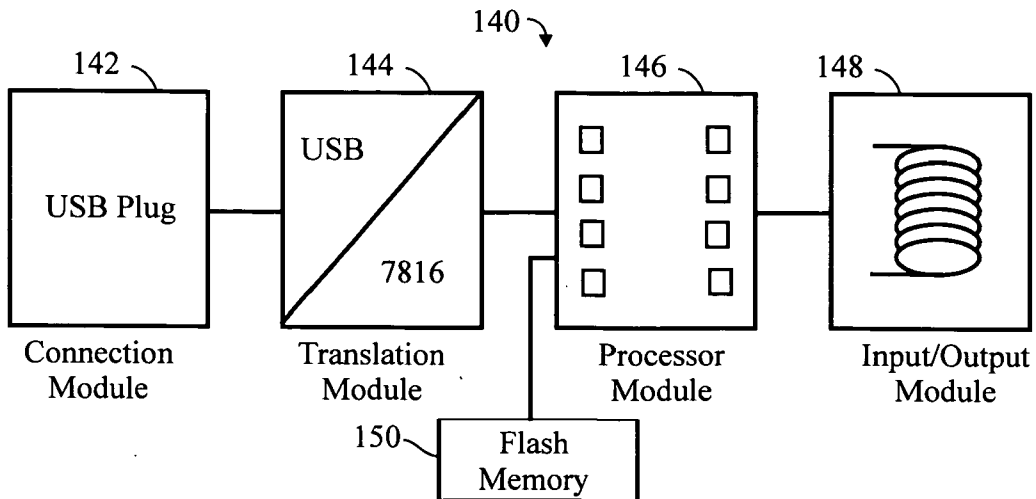


FIG 1D

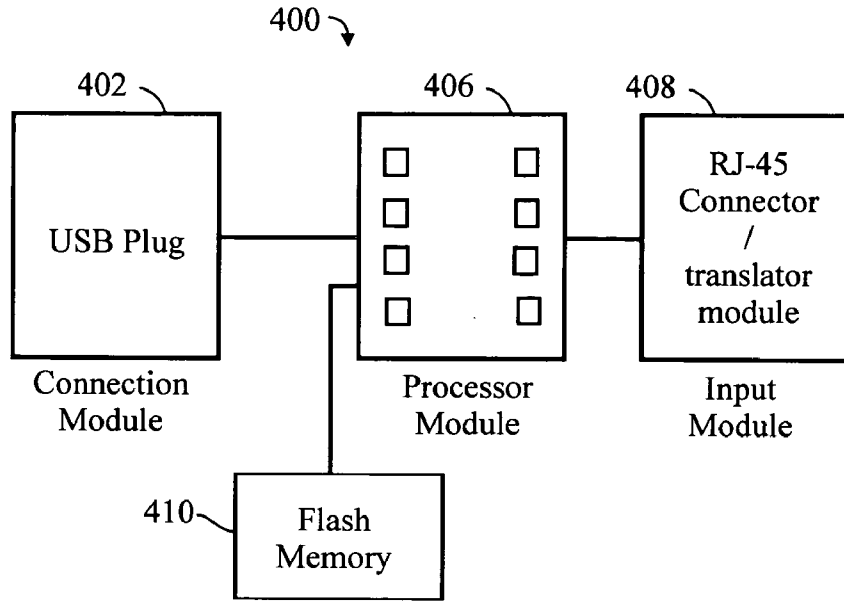


FIG 1E

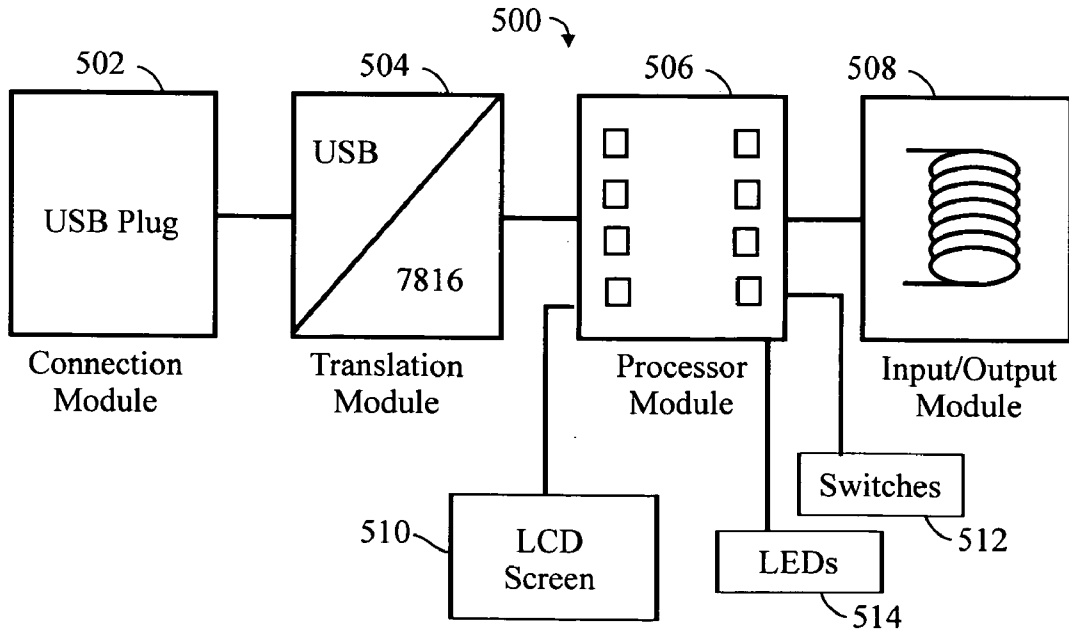


FIG. 2A

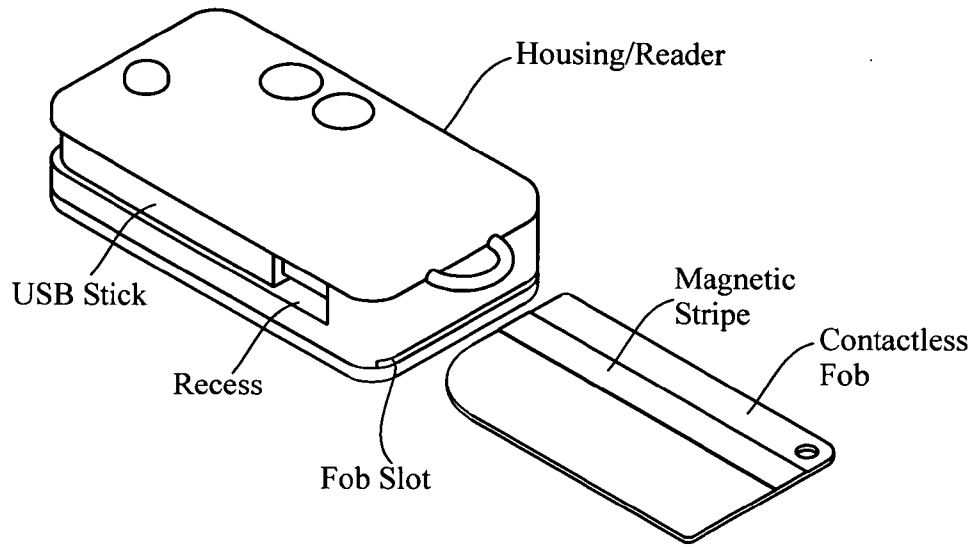


FIG. 2B

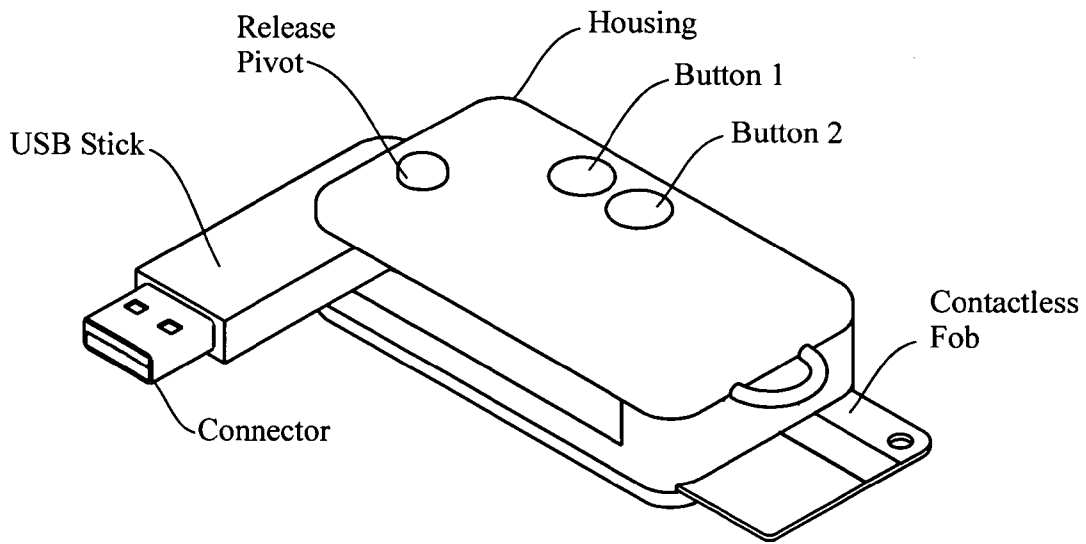


FIG. 3A

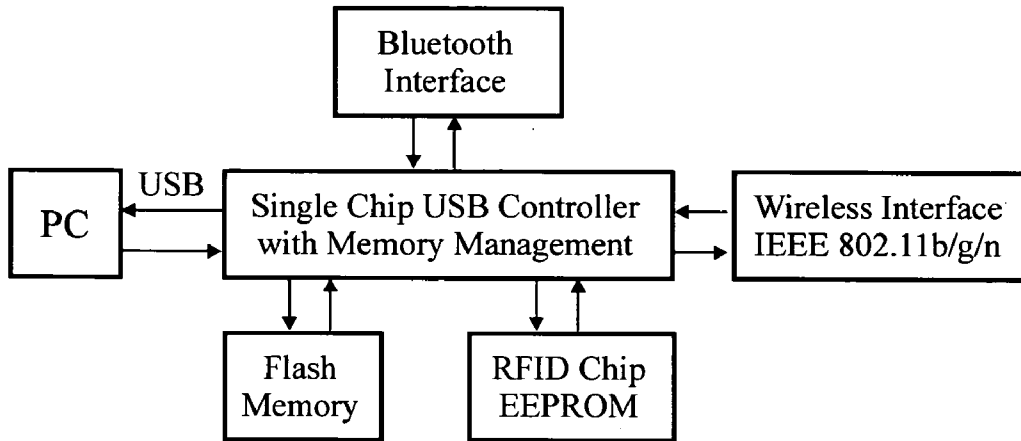
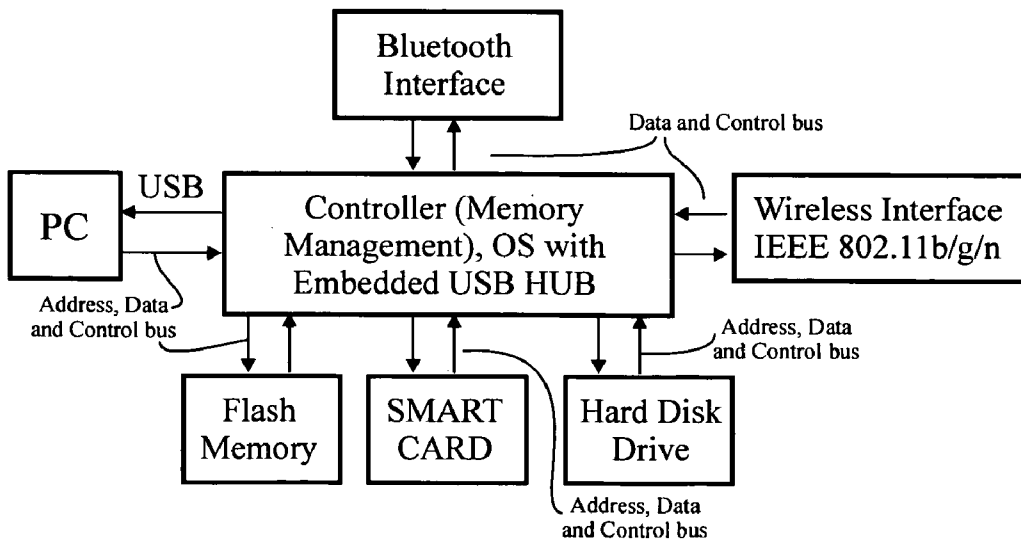


FIG. 3B



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