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

(75) Inventors: **David Finn**, Tourmakeady (IE); **Dennis Ryan**, Tipp City, OH (US)

Correspondence Address:
D.A. STAUFFER PATENT SERVICES LLC
1006 MONTFORD ROAD
CLEVELAND HTS., OH 44121-2016 (US)

(73) Assignee: **DPD Patent Trust**

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G06K 7/08 (2006.01)
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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.

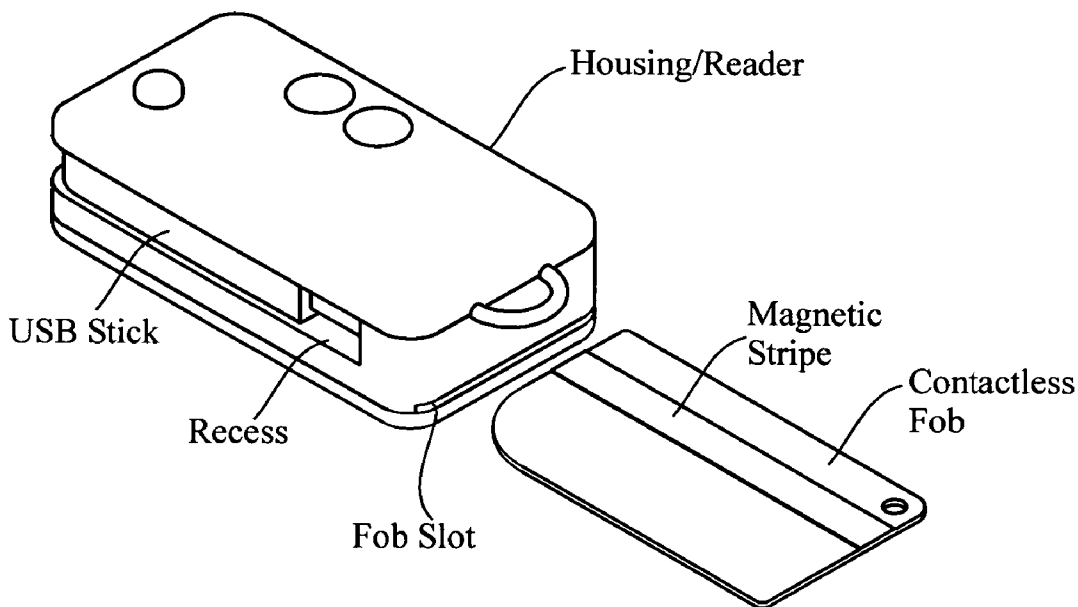


FIG 1A

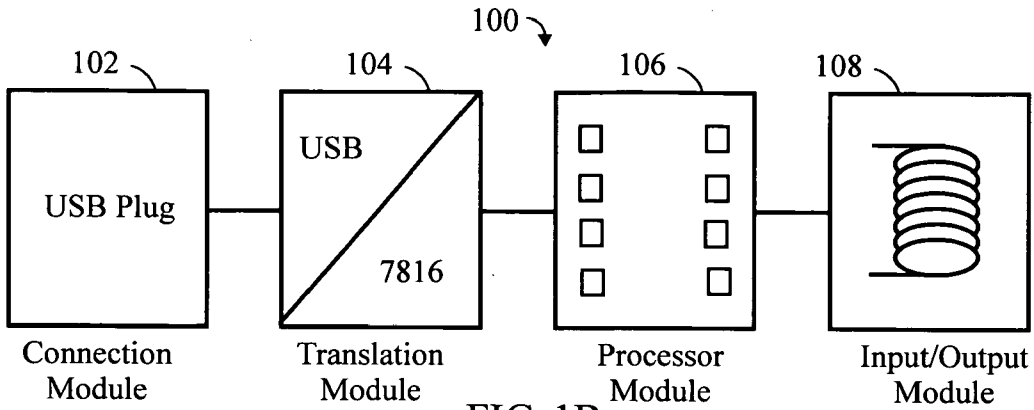


FIG. 1B

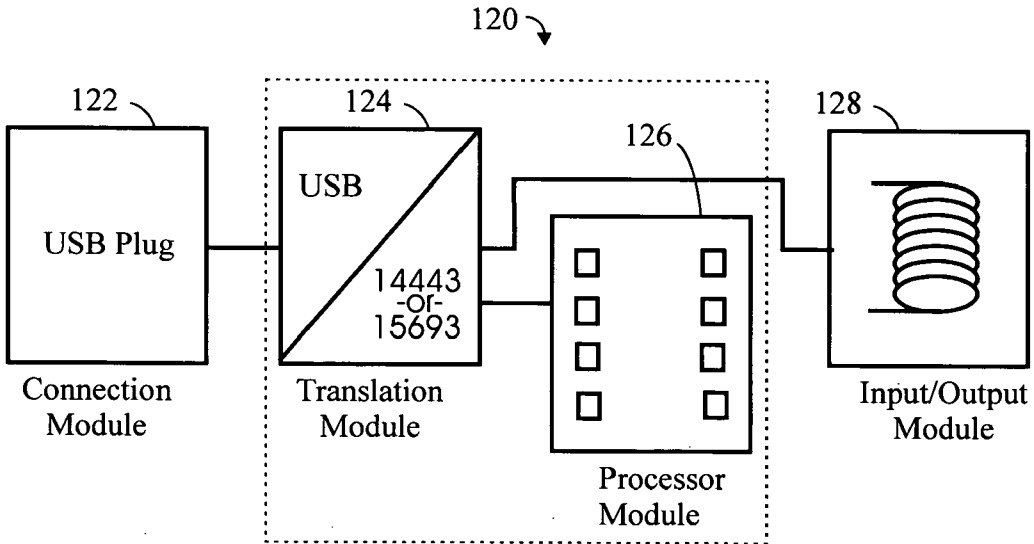


FIG 1C

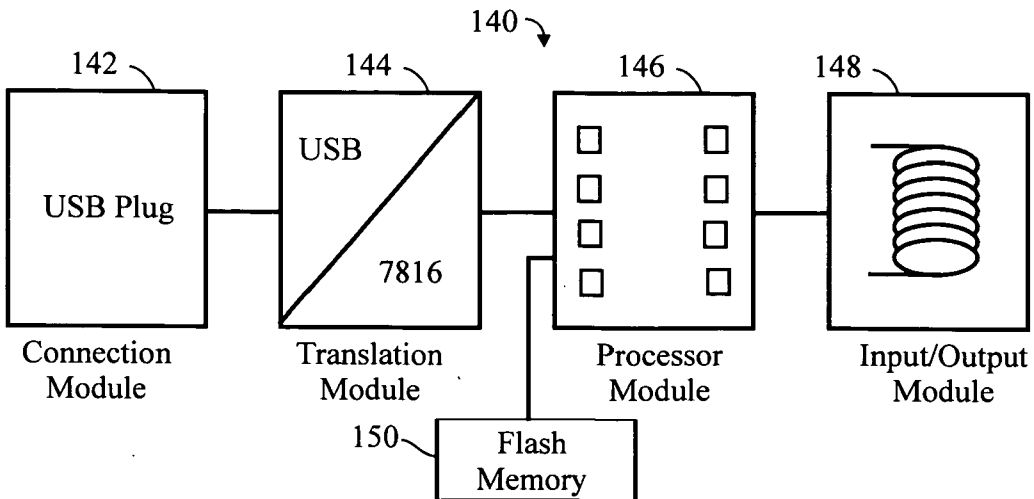


FIG 1D

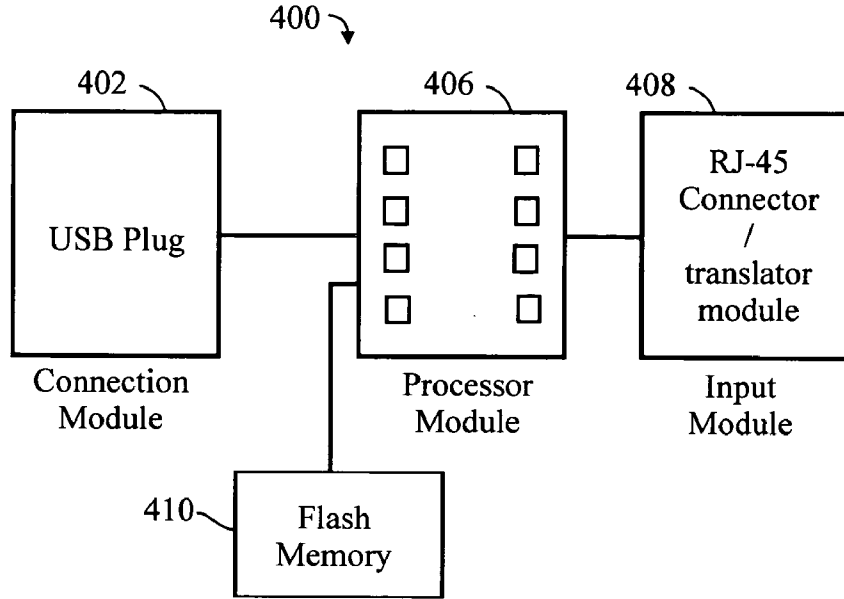


FIG 1E

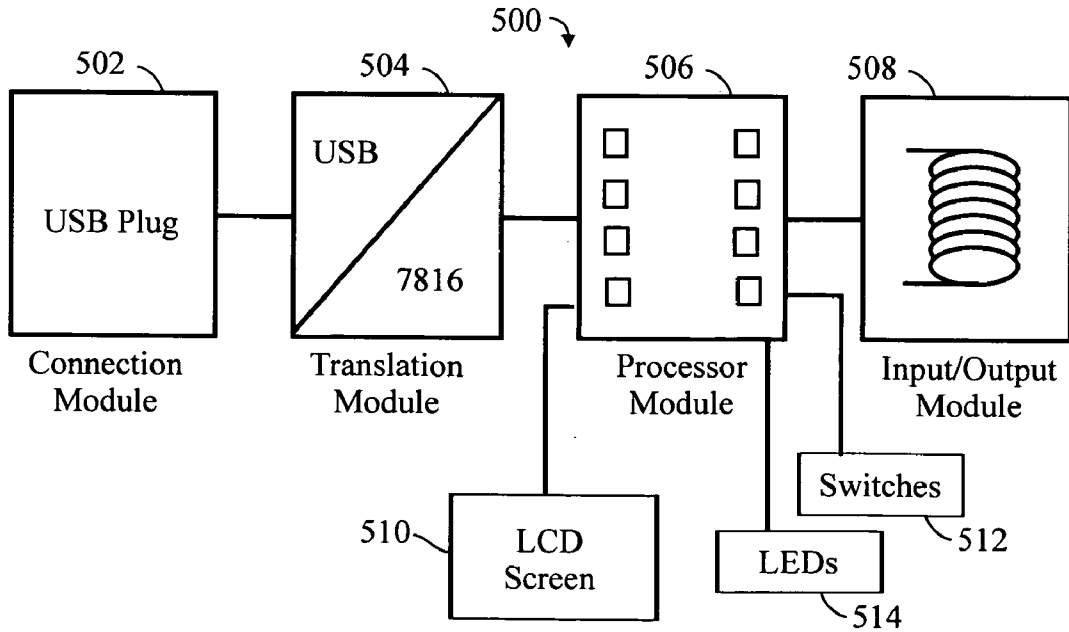


FIG. 2A

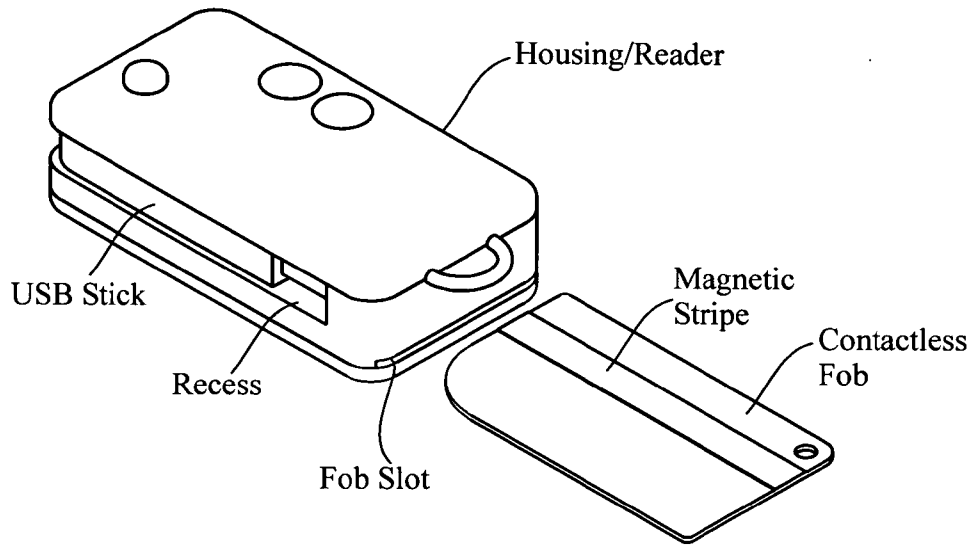


FIG. 2B

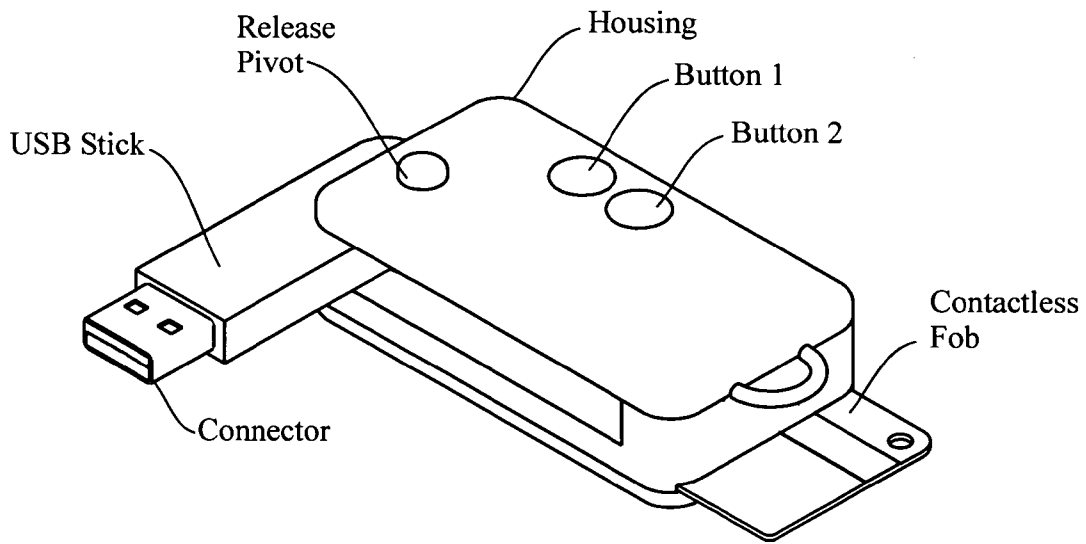


FIG. 3A

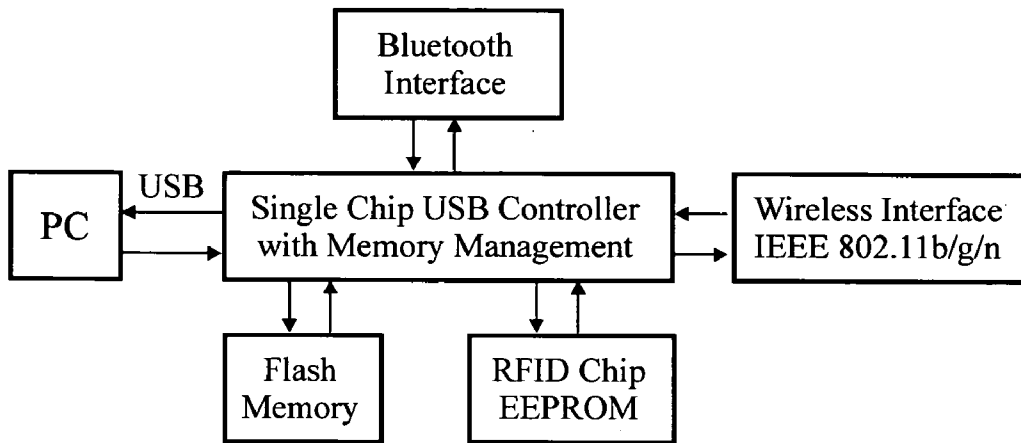
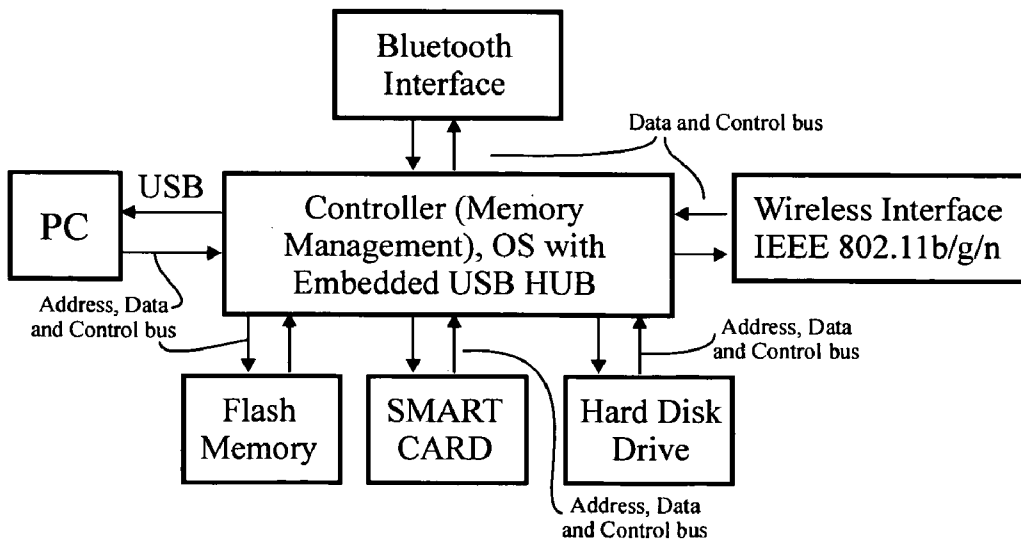


FIG. 3B



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