



[54] TRANSFER OF VALUABLE INFORMATION BETWEEN A SECURE MODULE AND ANOTHER MODULE

[75] Inventors: Stephen M. Curry, Dallas; Donald W. Loomis, Coppell; Michael L. Bolan, Dallas, all of Tex.

[73] Assignee: Dallas Semiconductor Corporation, Dallas, Tex.

[*] Notice: This patent issued on a continued prosecution application filed under 37 CFR 1.53(d), and is subject to the twenty year patent term provisions of 35 U.S.C. 154(a)(2).

[21] Appl. No.: 08/594,975

[22] Filed: Jan. 31, 1996

[51] Int. Cl.⁶ H04L 9/00

[52] U.S. Cl. 380/25; 380/49

[58] Field of Search 380/49, 24, 23, 380/25

[56] References Cited

U.S. PATENT DOCUMENTS

5,003,594	3/1991	Shinagawa	380/24
5,150,407	9/1992	Chan	380/4
5,189,700	2/1993	Blandsord	380/23
5,241,599	8/1993	Bellovin et al.	380/21
5,539,825	7/1996	Akiyama et al.	380/24
5,539,828	7/1996	Davis	380/50
5,546,463	8/1996	Caputo et al.	380/25
5,577,121	11/1996	Davis et al.	380/24
5,621,796	4/1997	Davis et al.	380/24
5,787,174	7/1998	Tuttle	380/23

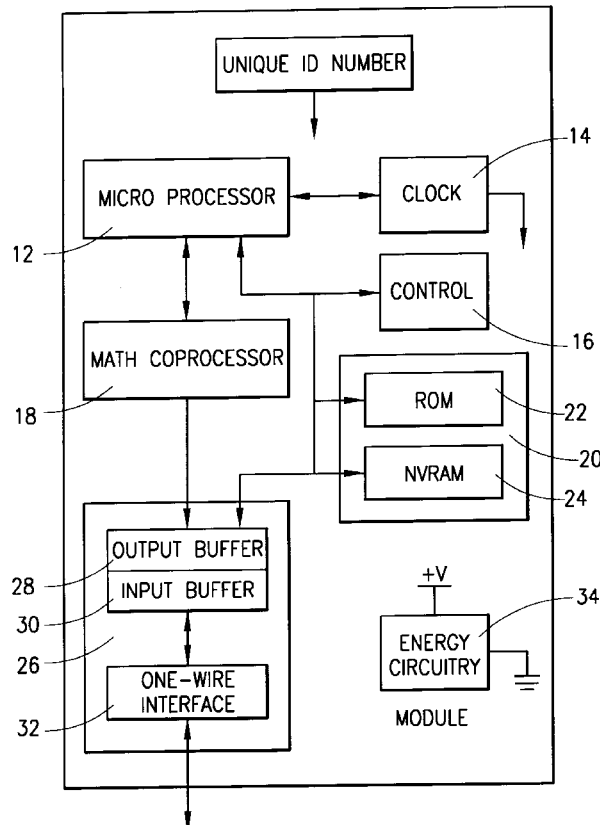
Primary Examiner—Salvatore Cangialosi
Attorney, Agent, or Firm—Jenkins & Gilchrist

[57] ABSTRACT

The present invention rotates to system, apparatus and method for communicating valuable data from a portable module to another module via an electronic device. More specifically, the disclosed system, apparatus and method are useful for enabling a user to fill a portable module with a cash equivalent and to spend the cash equivalent at a variety of locations. The disclosed system incorporates an encryption/decryption method.

6 Claims, 8 Drawing Sheets

108



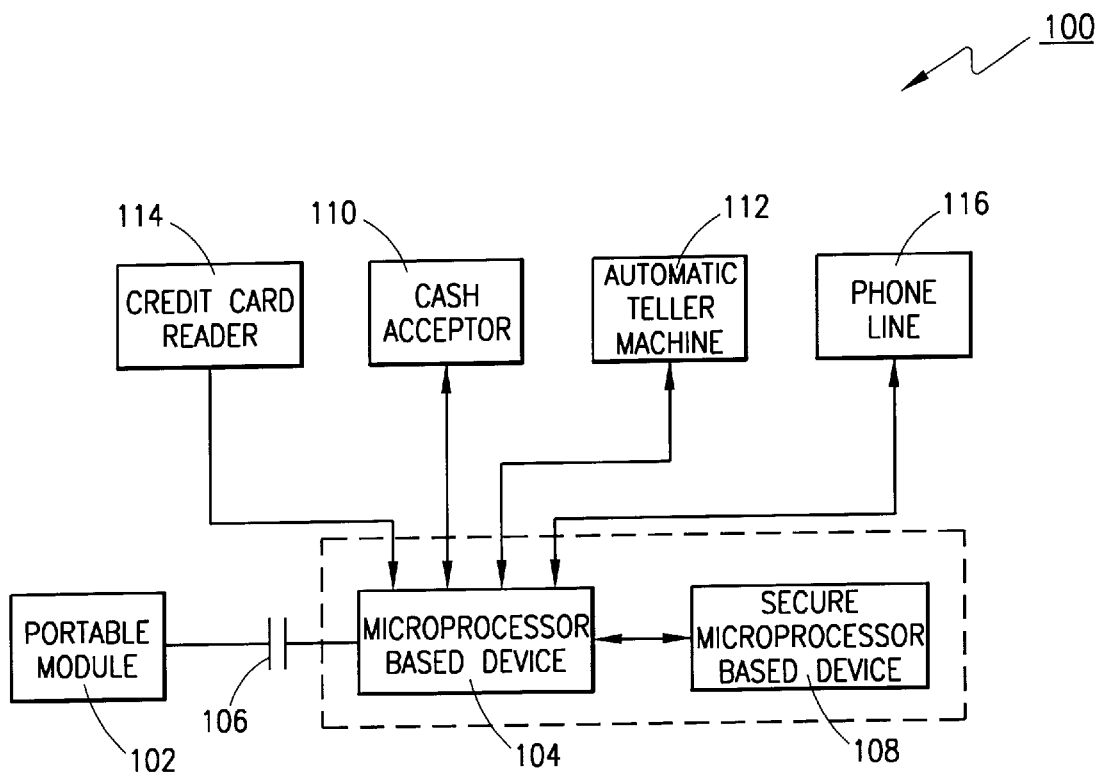


FIG. 1

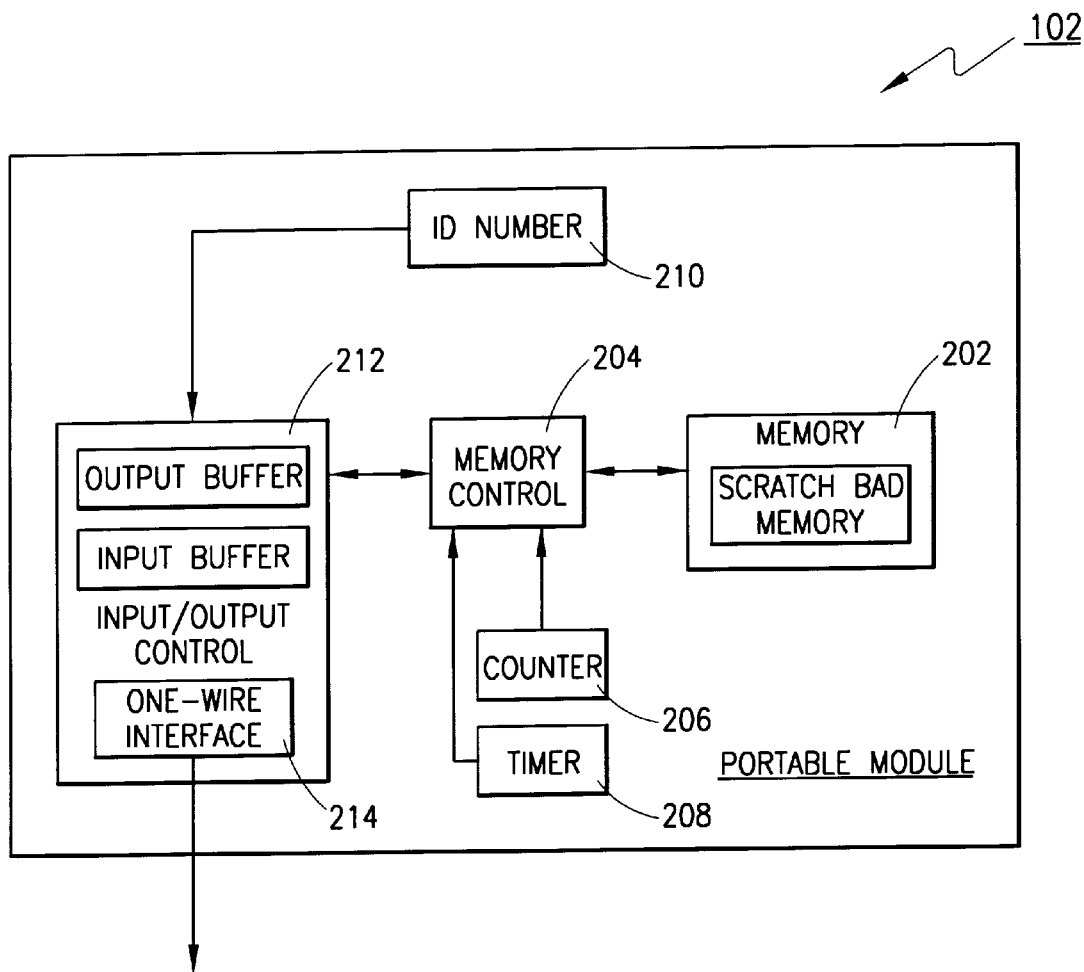


FIG. 2

108

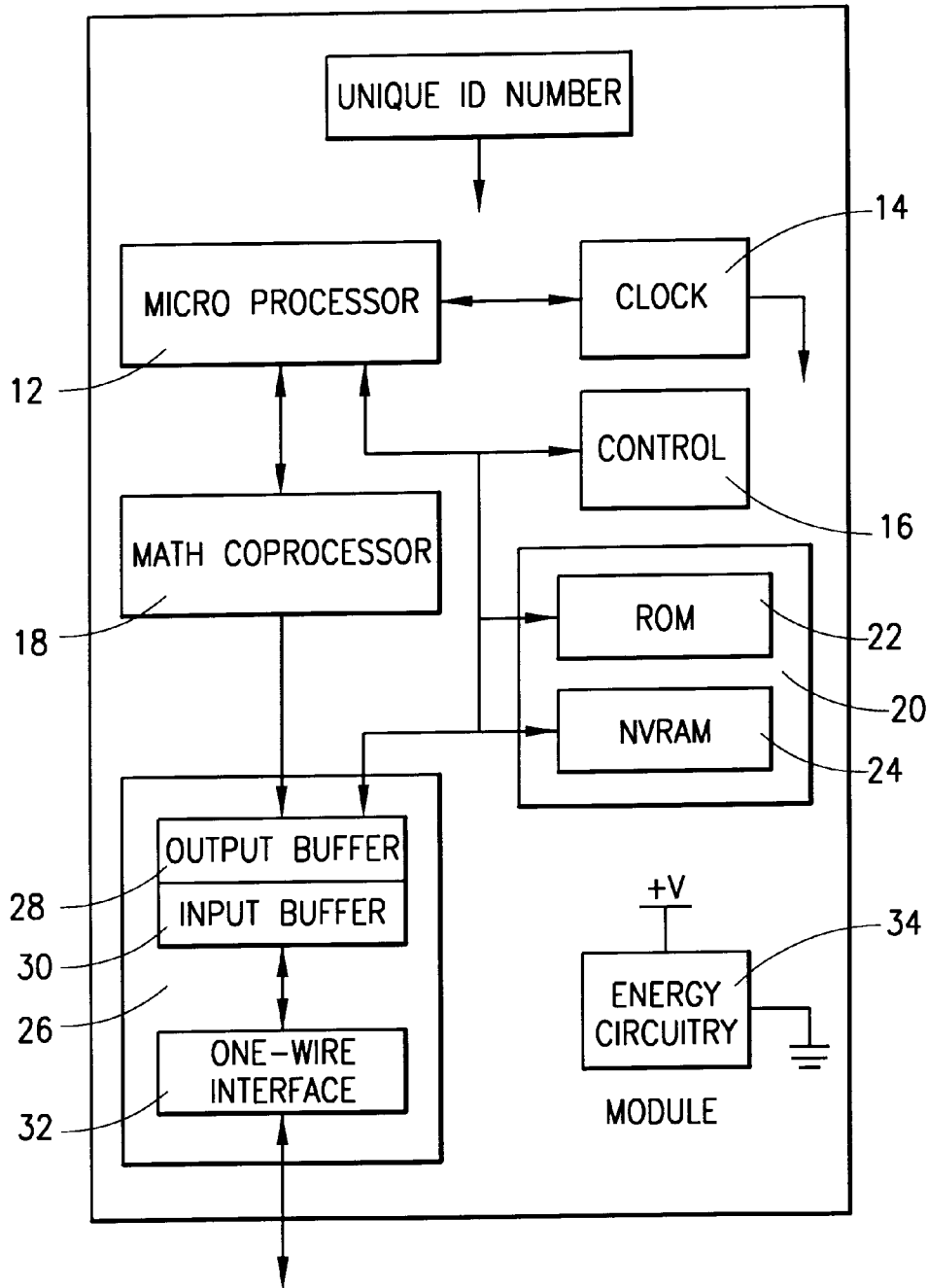


FIG. 3

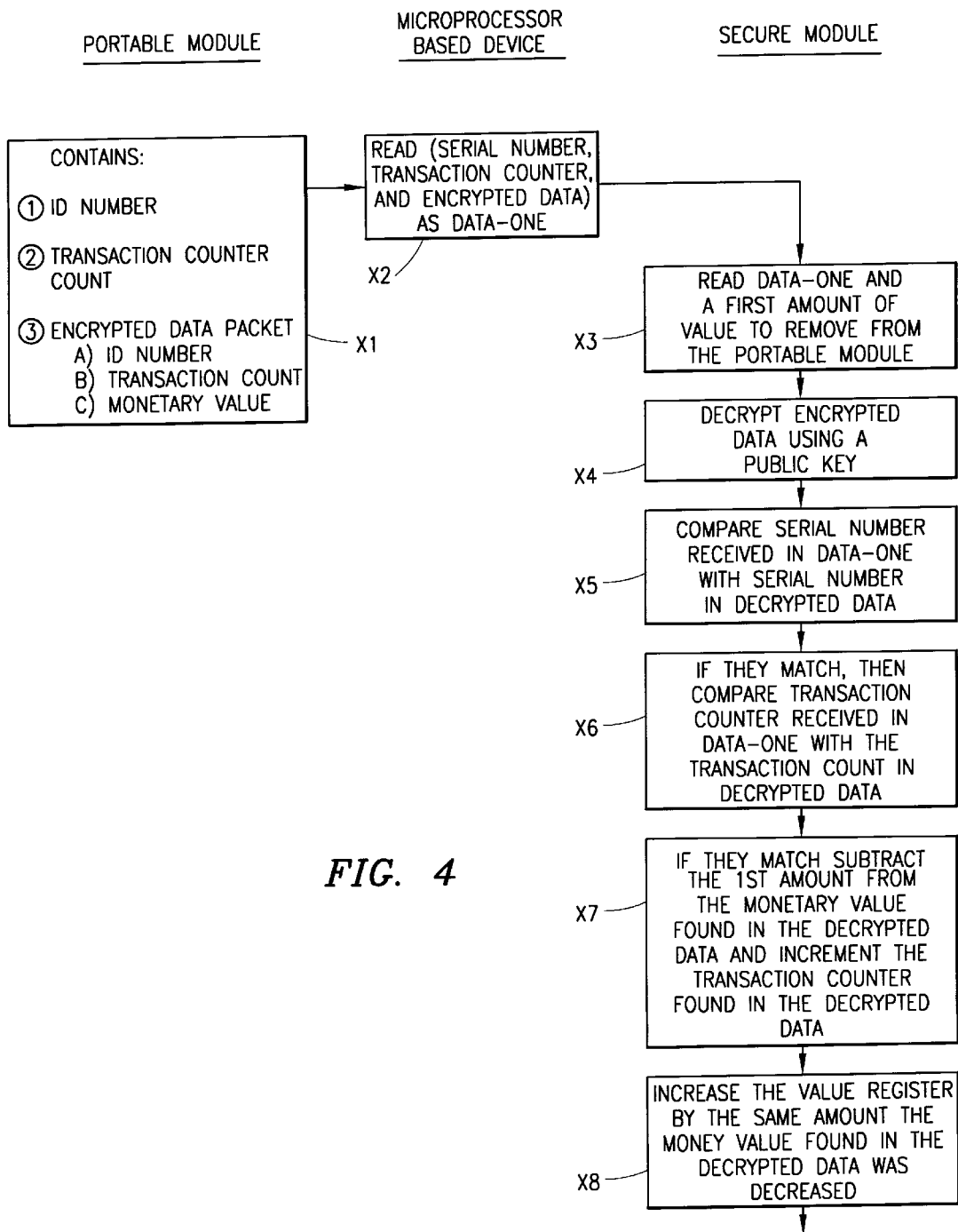


FIG. 4

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.