

United States Patent [19]

Curry et al.

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

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[73] Assignee: Dallas Semiconductor Corporation,

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[*] 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**

Jan. 31, 1996 [22] Filed:

[51] Int. Cl.⁶ H04L 9/00

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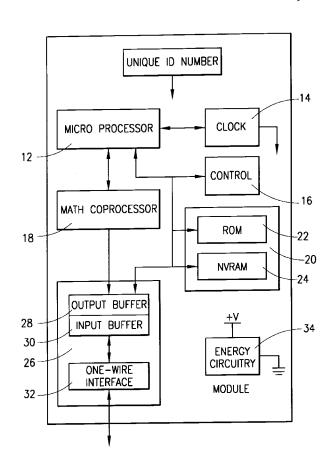
Primary Examiner—Salvatore Cangialosi Attorney, Agent, or Firm—Jenkens & Gilchrist

ABSTRACT [57]

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







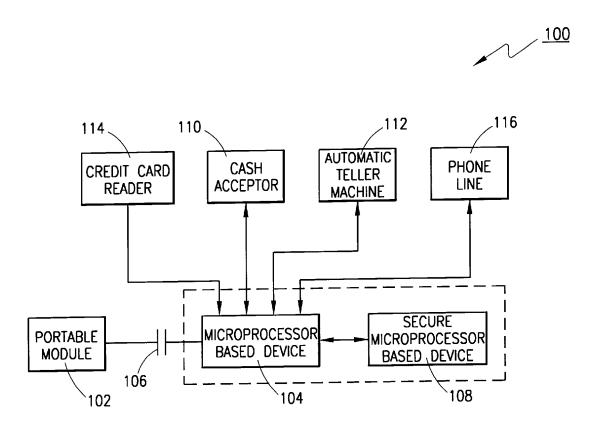


FIG. 1

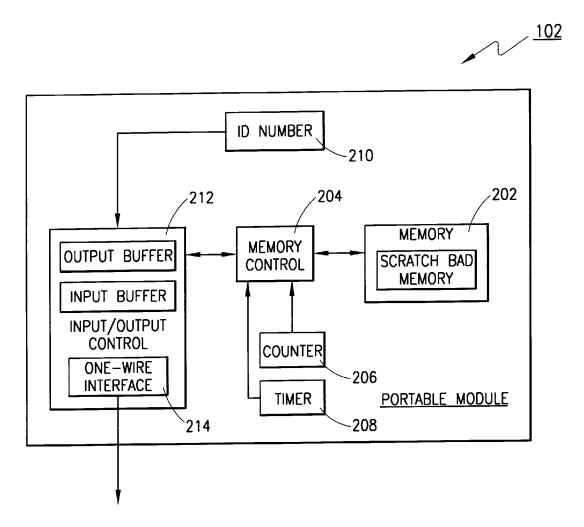


FIG. 2

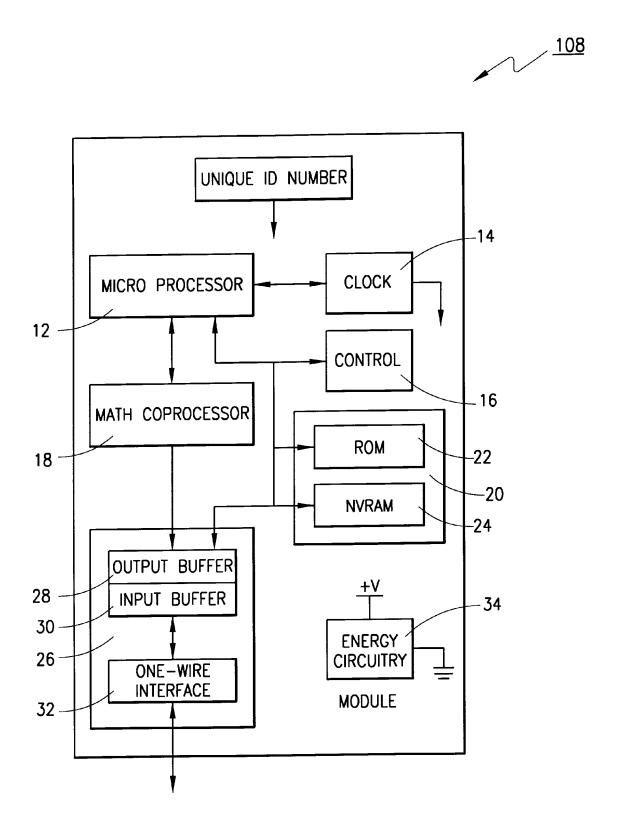
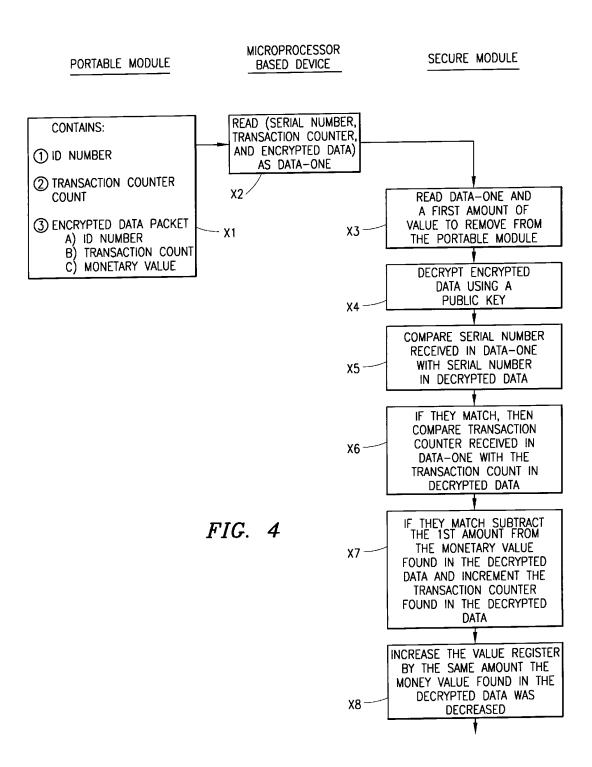


FIG. 3



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