US005995014A

United States Patent [19]

DiMaria

[11] **Patent Number: 5,995,014**

[45] **Date of Patent: Nov. 30, 1999**

[54] **BIOMETRIC INTERFACE DEVICE FOR UPGRADING EXISTING ACCESS CONTROL UNITS**

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[21] Appl. No.: **09/000,624**

[22] Filed: **Dec. 30, 1997**

[51] **Int. Cl.**[6] **G06K 9/00**

[52] **U.S. Cl.** **340/825.31**; 340/825.34; 382/116; 382/124; 382/125; 382/115; 382/117; 380/23

[58] **Field of Search** 340/825.31, 825.34; 382/116, 124, 125, 115, 117; 380/23

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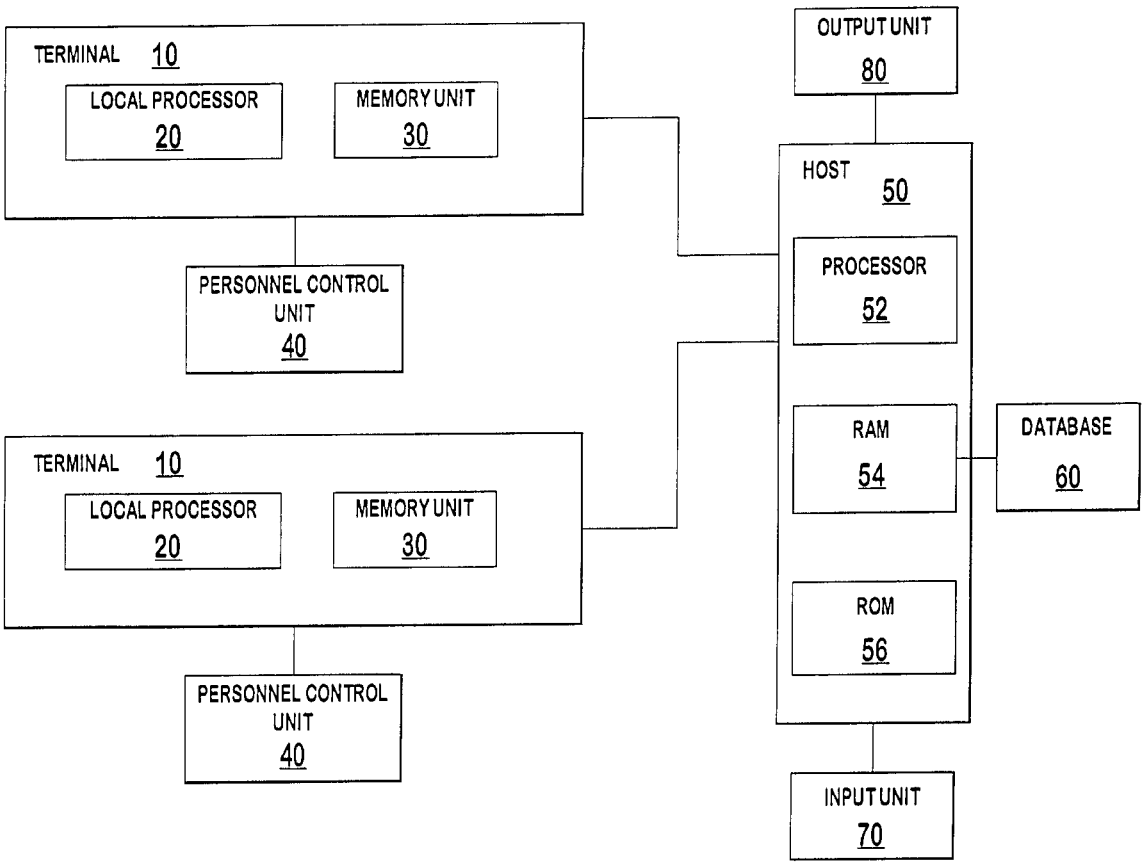
[57] **ABSTRACT**

A method and an apparatus for upgrading an existing personal control system. The upgrade is achieved by replacing the personnel data input unit of an existing personal control system with a biometric interface device capable of reading physical characteristic and an access control signal in the format of the existing personnel control system.

8 Claims, 14 Drawing Sheets