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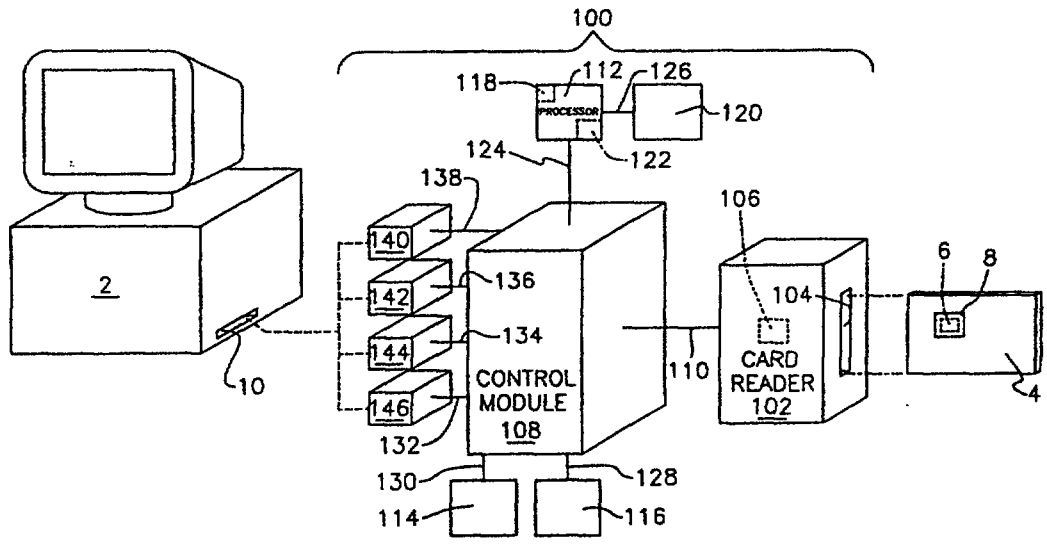
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(54) Title: SMART CARD READER HAVING MULTIPLE DATA ENABLING STORAGE COMPARTMENTS



(57) Abstract

A security device (100) for operating protected programs or data, or other functions performed by or within computers (2), the security device (100) having both hardware and software keys and a reader (102) for accepting smart cards (4). The smart card reader (102) communicates with a control module (108) having segmented non-volatile memory (114). Data from plural smart cards (4) is entered into segmented NVM (114) through the smart card reader (102). Each segment of segmented NVM (114) creates a virtual token essentially duplicating enabling ability of the corresponding smart card (4) or token. The control module (108) has processing and memory means (112) for encrypting and decrypting commands and recognizing encrypted passwords. The control module (108) also has a plurality of interface apparatuses (140, 142, 144, 146) for enabling communicable connection to computers (2).

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