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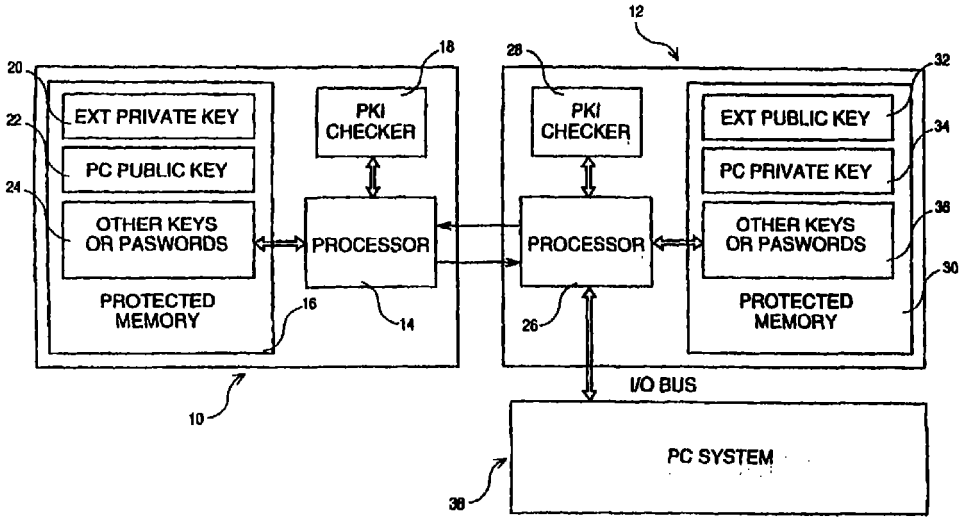
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(54) Title: SECURITY SYSTEM FOR PREVENTING A PERSONAL COMPUTER FROM BEING USED BY UNAUTHORIZED PEOPLE



(57) Abstract: Security system for preventing a main computer device owned by an authorized user from beng used by unauthrorized people comprising an extractable security piece (10) which can be removed from the computer device by the authorized user, such an extractable security pice containing at least an extractable main private key (20) and a main PC public key (22), a PC security area (12) which is a non-extractable part of the computer device, such a PC security area containing at least a PC private key (34) and an extractable main public key (32) consitituting with the keys of the extractable security piece a Public Key Infrastructure (PKI), and processing means (14, 16) in each of the extractable security piece and the PC security area for carrying out a mutual authentication of the extractable security piece and the PC security area after the eytractable security piece, which had been previously removed, has been put back at its right location thereby enabling the authorized user to access data stored in the computer device.

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