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(54) Title: SECURE MANAGEMENT OF ACCOUNTS ON DISPLAY DEVICES USING A CONTACTLESS CARD

(57) Abstract: Systems, methods, apparatuses, and computer-readable media for secure management of accounts on display devices using a contactless card. An application executing on a display device may receive a request specifying a service provider. The display device may receive a cryptogram generated a contactless card, and transmit the cryptogram to an authentication server. The authentication server may decrypt the cryptogram and generate a virtual account number associated with the contactless card. The authentication server may transmit the virtual account number to the service provider, which may create an account based at least in part on the virtual account number and the decryption of the cryptogram by the authentication server. The display may receive an authentication token generated by the service provider for the account, and access the account created by the service provider based at least in part on the authentication token.

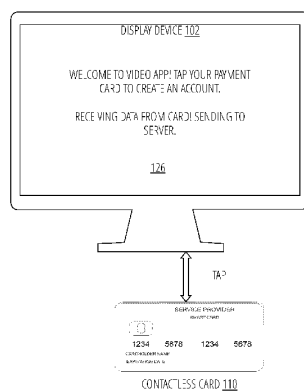


FIG. 3A

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