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(54) Title: PLATFORM CONTROLLED WALLETS IN BLOCKCHAIN SYSTEMS CROSS-REFERENCE TO RELATED APPLICATIONS

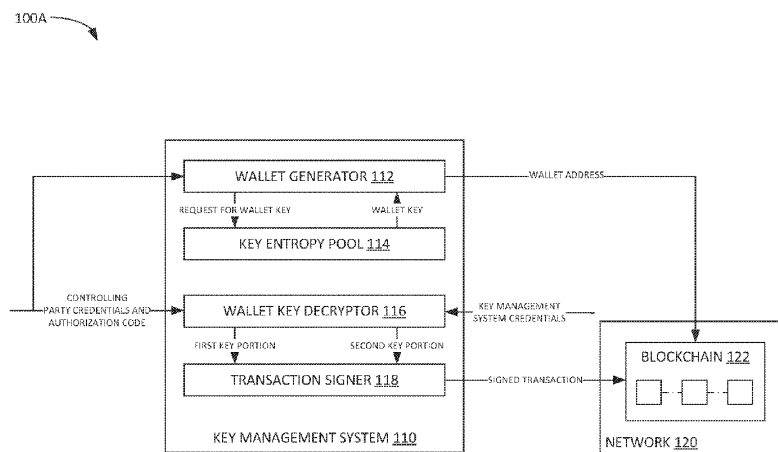


FIG. 1A

(57) Abstract: Certain aspects of the present disclosure provide techniques for securely accessing a wallet maintained by a centralized platform on a blockchain. An example method generally includes receiving a request to access one or more wallets on a blockchain. Generally, the request includes an authorization code associated with a controlling party associated with the one or more wallets and user credentials associated with the controlling party. A first portion of a private key is decrypted based on the authorization code and a salt associated with the user credentials associated with the controlling party, and a second portion of the private key is decrypted based on credentials associated with an application through which the wallet is accessed. Access to the one or more wallets is granted based on the decrypted first portion and the decrypted second portion of the private key.

[Continued on next page]

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