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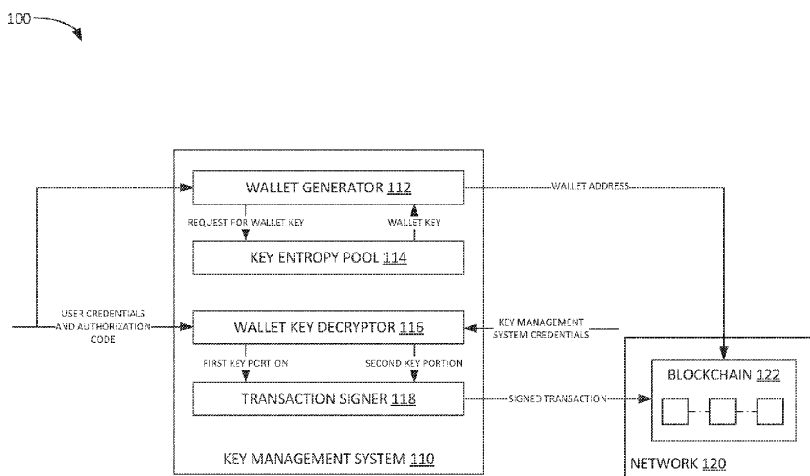


FIG. 1

(57) **Abstract:** Certain aspects of the present disclosure provide techniques for securely accessing a wallet on a blockchain. An example method generally includes receiving a request to access a wallet on a blockchain. The request generally includes an authorization code associated with the wallet and user credentials associated with an owner of the wallet. A first portion of a private key is decrypted based, on the authorization code and a salt associated with the user credentials, 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 wallet 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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