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(54) **Title:** USING A CONTACTLESS CARD TO SECURELY SHARE PERSONAL DATA STORED IN A BLOCKCHAIN

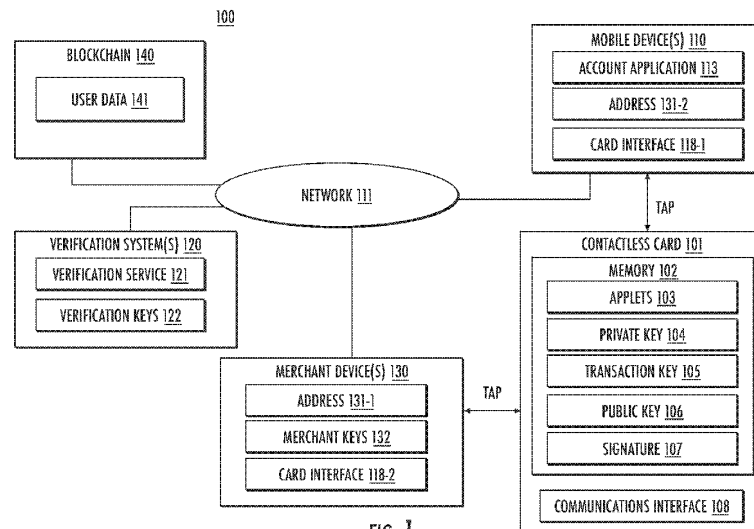


FIG. 1

(57) **Abstract:** Systems, methods, and articles of manufacture to securely share data stored in a blockchain. A contactless card may receive a request to provide a data element from a device. An applet of the contactless card may encrypt the data element and a wallet address. The applet may generate a signature for the request, and transmit, to a mobile device, the signature and the encrypted data. The mobile device may transmit, to a verification service, the signature and encrypted data. The verification service may verify the signature based on a public key. A node in a blockchain may generate a block in the blockchain, the block comprising indications of the verification of the signature, the requested data element, and the wallet address. An encrypted data element corresponding to the data element may be decrypted using a public key. The device may receive the decrypted data element from the wallet address.

[Continued on next page]

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