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(54) Title: METHOD AND SYSTEM OF A BLOCKCHAIN PAYMENT SOLUTION FOR PAYMENT CARDS WITH SELF-CUSTODIAL WALLETS

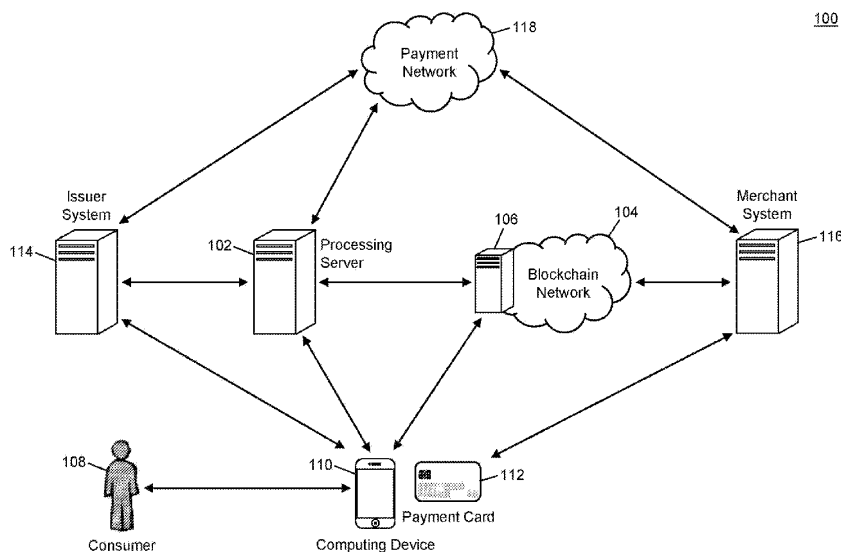


FIG. 1

(57) Abstract: A method for processing a blockchain transaction using a payment card and a linked blockchain wallet includes: receiving an authorization request for a payment transaction initiated using the payment card, wherein the authorization request includes transaction data, the transaction data including at least a payment card number, a transaction amount, and a destination address; identifying the linked blockchain wallet based on an association between the linked blockchain wallet and the payment card number; verifying compliance with one or more restrictions on use of the linked blockchain wallet based on at least the transaction data and a transaction history of the linked blockchain wallet; and executing a smart contract stored on a blockchain of a blockchain network associated with the linked blockchain wallet, where at least the transaction amount and destination address are provided as input for the smart contract.

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