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(54) **Title:** RAPID CRYPTOCURRENCY TRANSACTION PROCESSING

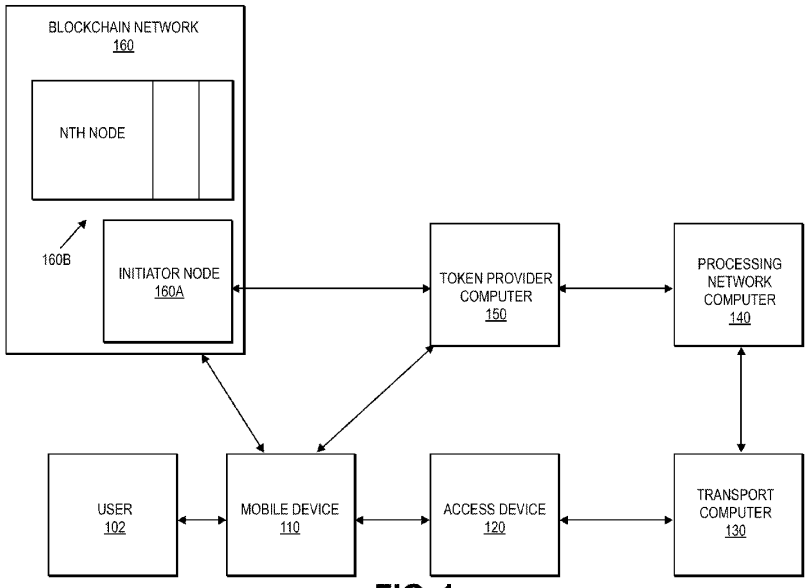

FIG. 1

(57) **Abstract:** A method for conducting cryptocurrency transactions at an access device. The method includes initiating communication with an access device operated by a second user in a transaction between the first user and the second user, and then transmitting a request for transaction data to the access device. The method also includes receiving the transaction data comprising a transaction amount and a second cryptocurrency address from the access device from the access device, and signing, using a private cryptographic key, the first cryptocurrency address, the second cryptocurrency address, and the amount to create a signed cryptocurrency transaction. The method also includes transmitting the signed cryptocurrency transaction to a node of a blockchain network, and receiving a cryptocurrency transaction identifier from the node. The method also comprises generating a cryptogram using at least an access token on the mobile application and at least some of the transaction data.

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