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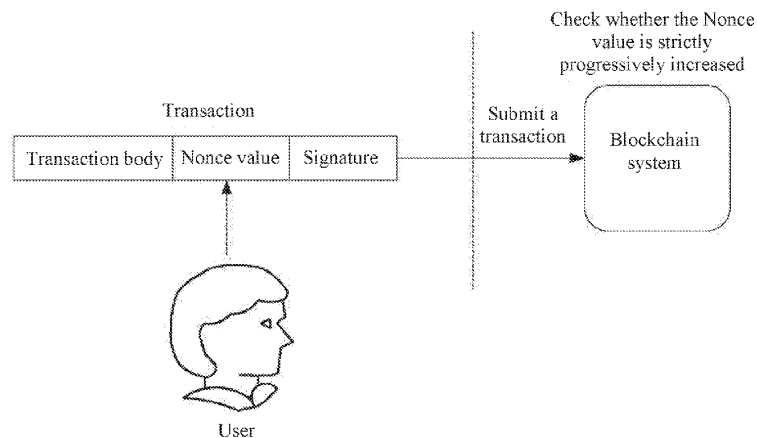


FIG. 1

(57) Abstract: A method for processing blockchain-based transactions, comprising: acquiring a Nonce record from a Nonce list for a transaction initiated by a user account, wherein the Nonce list is maintained in a blockchain and is associated with the user account, the Nonce list comprises a plurality of Nonce records, and a Nonce record comprises a Nonce value; adding the acquired Nonce record to the transaction; and submitting the transaction to the blockchain, for a node in the blockchain to compare the Nonce record in the transaction with the plurality of Nonce records in the Nonce list, and to accept the transaction in response to the Nonce record matching any Nonce record in the Nonce list, wherein the Nonce value in the matching Nonce record in the Nonce list is monotonically increased based on a preset increment in response to that the transaction is accepted.

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