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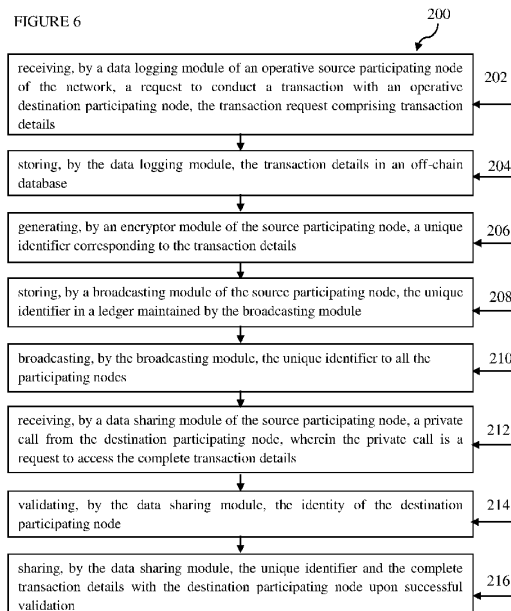
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(54) **Title:** A SYSTEM AND METHOD FOR PROVIDING DATA PRIVACY IN A BLOCKCHAIN NETWORK

FIGURE 6



(57) **Abstract:** The present invention discloses a system(100) for providing data privacy in a blockchain network(20). The network (20) comprises a plurality of participating nodes and a clearing-house node. A data logging module (102) of a source node receives a request to conduct a transaction with a destination node, the request comprising transaction details. The data logging module (102) stores the transaction details in an off-chain database (30). An encryptor module (104) receives and encrypts the transaction details to generate a unique identifier. A broadcasting module (106) stores the unique identifier in a ledger and broadcasts the identifier to all the participating nodes in the network (100). A data sharing module (108) receives a private call from the destination node to request access to the transaction details. The data sharing module (108) shares the transaction details with the destination node upon successful validation of the identity of the destination node.

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