

MANAGING TRANSACTIONS IN MULTIPLE BLOCKCHAIN NETWORKS

ABSTRACT

Disclosed herein are methods, systems, and apparatus, including computer programs encoded on computer storage media, for managing transactions in blockchain networks. One of the methods include: accessing transaction data stored in the multiple blockchain networks, the transaction data including transactions published in the multiple blockchain networks, each of the multiple blockchain networks being different from each other, identifying, based on the transactions published in the multiple blockchain networks, multiple cross-chain transactions across the multiple blockchain networks, each of the multiple cross-chain transactions being related to a corresponding set of transactions published on at least two of the blockchain networks, the corresponding set of transactions being associated with one another, deriving hidden information of each of the multiple cross-chain transactions based on an association of the corresponding set of transactions, and deriving hidden information between the multiple cross-chain transactions based on the hidden information of each of the multiple cross-chain transactions.

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FIG. 6