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(54) Title: METHOD AND SYSTEM FOR CRYPTOCURRENCY FRAUD DETECTION

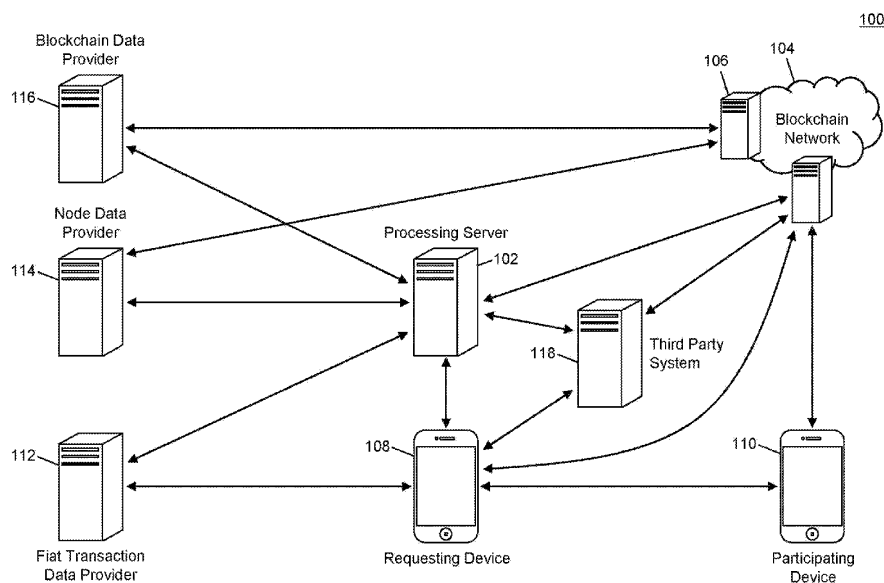


FIG. 1

(57) Abstract: A method for fraud scoring a cryptographic currency transaction using multiple data sets and graphical modeling includes: receiving transaction data for a plurality of fiat currency based payment transactions from a first computing system; receiving transaction data for a plurality of cryptographic currency based blockchain transactions from a second computing system; receiving node connectivity data for a blockchain network from a third computing system; generating a fraud detection model based on the node connectivity data including generating a graphical representation of the node connectivity data; receiving transaction data for a new blockchain transaction from a computing device; generating a fraud score for the new transaction using the fraud detection model, the transaction data for the fiat currency based transactions, and the transaction data for the cryptographic currency based transactions; and transmitting the generated fraud score to the computing device.

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