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(54) Title: MANAGING BLOCKCHAIN-BASED TRUSTABLE TRANSACTION SERVICES

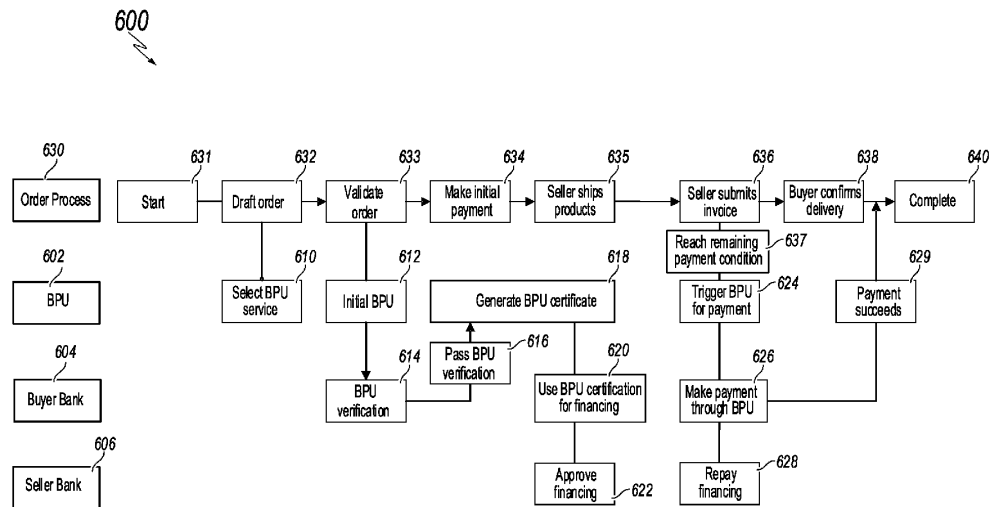


FIG. 6

(57) Abstract: Disclosed herein are methods, systems, and apparatus, including computer programs encoded on computer storage media, for managing blockchain-based trustable transaction services. One of the methods includes: storing order data of an order between a buyer and a seller on a blockchain of a blockchain network, the order data including one or more payment conditions and data of a trustable undertaking (TU) service, generating a trustable undertaking certificate for the order based on the order data, storing the trustable undertaking certificate on the blockchain, and transmitting the trustable undertaking certificate to a seller financial institution to determine whether to approve a financing request of the seller based on the trustable undertaking certificate. The TU service is guaranteed by a buyer financial institution that automatically makes a payment based on a credit of the buyer in response to that a condition specified in a smart contract deployed on the blockchain is met.

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