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

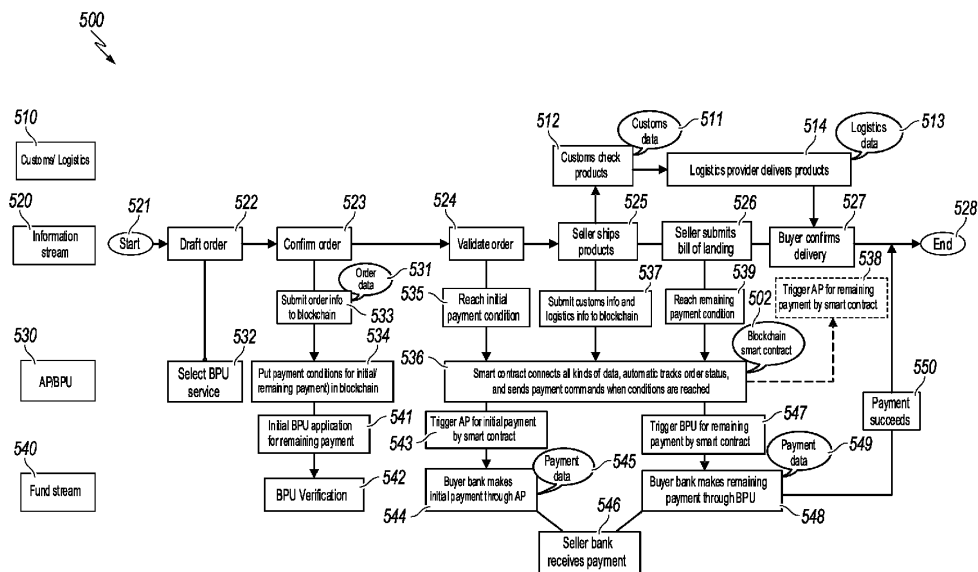


FIG. 5

(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 for the order, verifying that the buyer has the TU service for the order guaranteed by the buyer financial institution, generating a smart contract for the order based on the order data on the blockchain, and executing the smart contract to automatically instruct the buyer financial institution to make a payment of the order for the buyer to the seller according to the TU service for the order in response to determining that a payment condition for the payment specified in the smart contract is met.

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