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(54) Title: METHODS AND SYSTEMS FOR PROVIDING A TOKENIZED PLATFORM WITH RESERVE

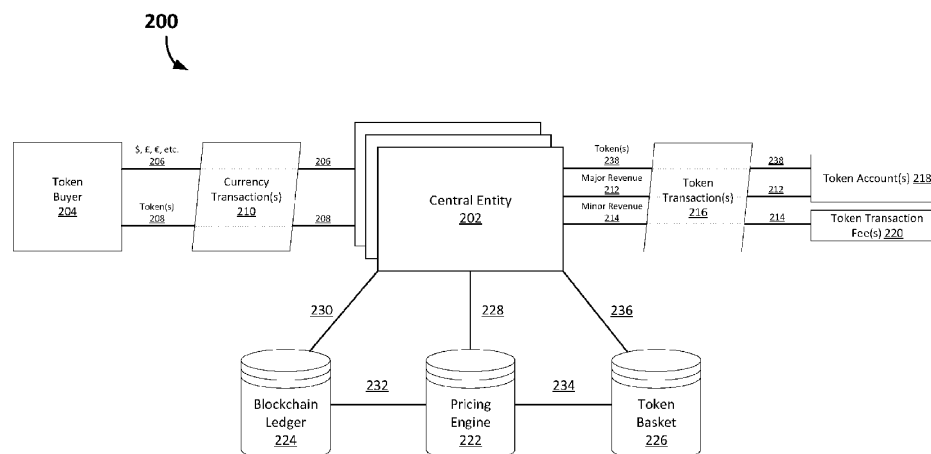


FIG. 2

(57) Abstract: A computer-implemented system uses a distributed ledger for providing a tokenized platform collateralized by asset-based reserves. The system provides a central entity that stores respective quantities of a plurality of instruments. The central entity is coupled to a distributed network of nodes that persistently store transaction data based on a token value. Processing circuitry of the central entity calculates a token value based on respective quantities of the plurality of instruments and updates a token value based on information received by servers at the central entity. The token value is provided to one or more nodes of the distributed network for use in a transaction. In some embodiments, in response to providing the value of the token, a buyer purchases a right to the token over the distributed network, and in response to the right to the token being purchased, the central entity allocates reserve assets collateralizing the token.

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