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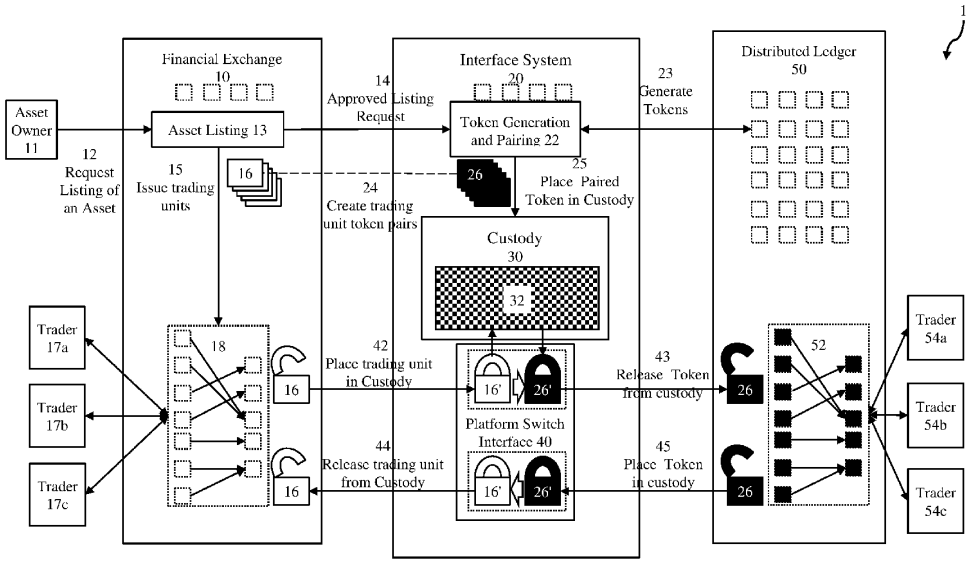

Figure 1

(57) Abstract: A method and a computational system for interfacing a digital financial exchange and a distributed ledger system is described. In response to a listing request to list a quantity of trading units of a tradeable asset on a digital financial exchange, an equivalent quantity of tokens are generated in a distributed ledger, such as a blockchain. The quantity of tokens is paired with the quantity of trading units to create an equivalent quantity of trading unit token pairs. We then store, in a custody storage, either the token to allow trading of the paired trading unit on the digital financial exchange or the trading unit to allow trading of the paired token on the distributed ledger. On receiving a platform switching request for one of the trading unit token pairs, the system determines whether the trading unit is in the custody or the token is in the custody, and if the token is in the custody then placing the associated trading unit in the custody and releasing the token for trading on the distributed ledger, and if the trading unit is in the custody then placing the

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associated token in the custody and releasing the trading unit for trading on the financial exchange.