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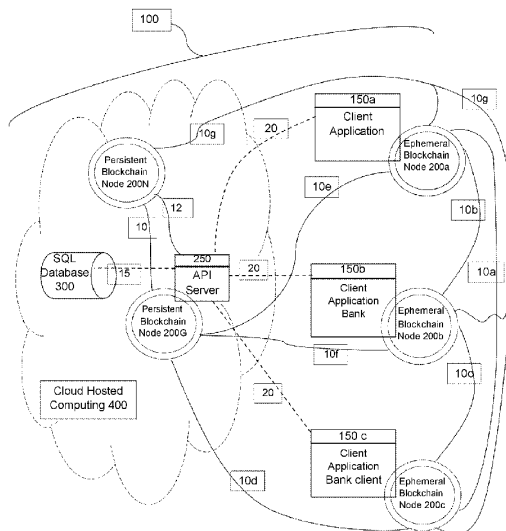


FIG. 1

(57) Abstract: A distributed ledger system configured to create, update and maintain at least one blockchain indicative of transactions performed by a network of users of the system, the system comprising a network of computing devices including a network of user nodes in communication with one another to participate in transactions and subsequently write the transactions to an associated blockchain, each node being associated with at least one processor and at least one computer-readable medium having recorded thereon instructions to be executed by the processor(s) to carry out one or more blockchain-related tasks for creating, updating and/or maintaining at least one associated blockchain of the system based on the transactions; and wherein the network of computing devices is operable to enable at least one ephemeral user node to join the network of computing devices to carry out the blockchain-related tasks in association with at least one blockchain during an active session of the ephemeral user node.

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