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(54) Title: SYSTEMS AND METHODS FOR CONTEXTUAL MESSAGING AND INFORMATION ROUTING IN A
DISTRIBUTED LEDGER NETWORK

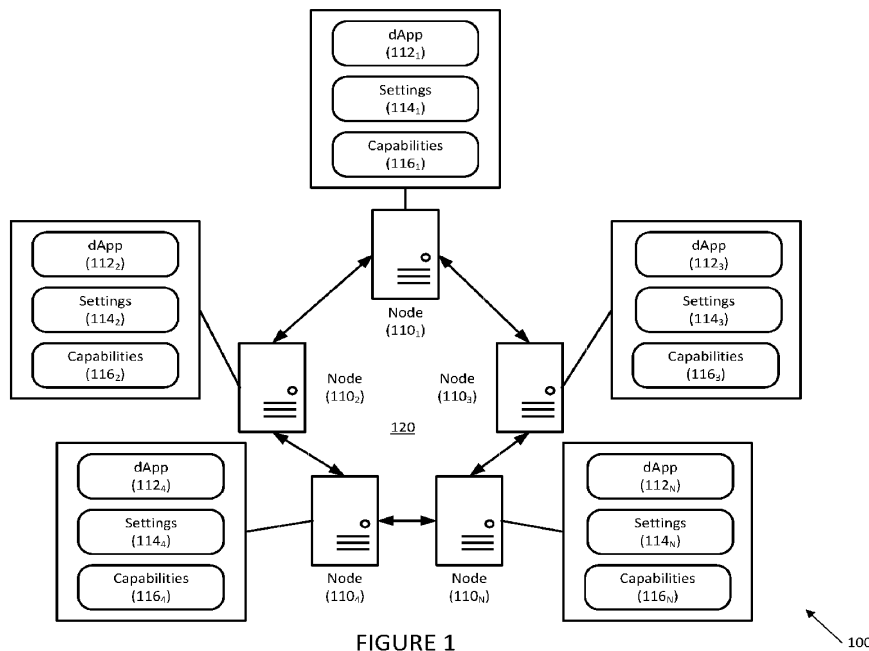


FIGURE 1

(57) Abstract: Systems and methods for contextual messaging and information routing in a distributed ledger network are disclosed. According to one embodiment, a method may include a distributed application executed by a sending entity node in a distributed ledger network: receiving a message or communication from a sending entity; identifying a context for the message or communication; retrieving capabilities of other nodes in the distributed ledger network; identifying potential receiving entities for the message or communication based on the capabilities; retrieving routing preferences for the sending entity; applying the routing preferences for the sending entity to identify a receiving entity from the potential receiving entities; and sending the message or communication to a receiving node for the receiving entity using the routing preferences, wherein the receiving node is configured to route the message or communication to the receiving entity using routing preferences for the receiving entity.

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