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(54) Title: DECENTRALIZED TRUST USING BLOCKCHAIN FOR TRACKING AND VALIDATION OF VOICE COMMUNICATIONS

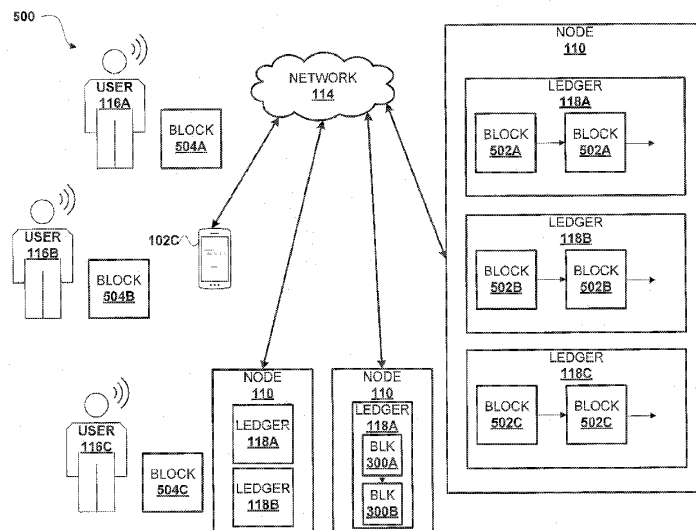


FIGURE 5

(57) Abstract: Systems and methods of authenticating voice data using a ledger (blockchain). Examples include a scalable and seamless system that uses blockchain technologies to distribute trust of a conversation, authenticate persons in a conversation, track their characteristics and also to keep records of conversations. In some examples, smart phones, wearables, and Internet-of-Things (IoT) devices can be used to record and track conversations between individuals. These devices can each be used to create entries for the blockchain or a single device could be used to keep track of the entirety of the conversation. Fuzzy hashing may be used to compare newly created entries with previous entries on the ledger.

[Continued on next page]

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