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(54) Title: SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR FRAUD MANAGEMENT WITH A SHARED HASH MAP

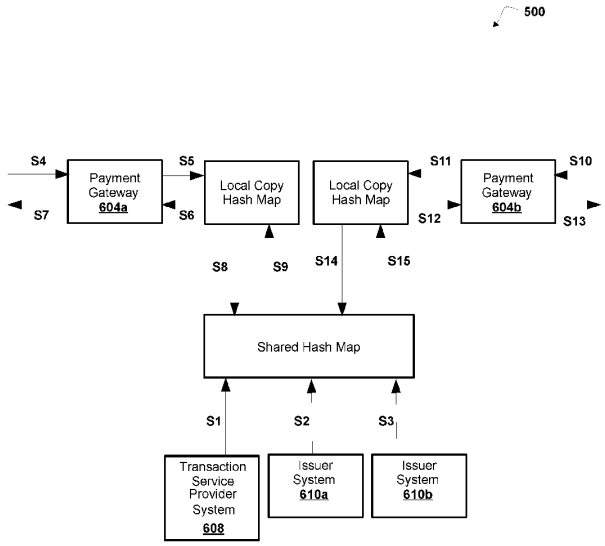


FIG. 5

(57) Abstract: A method, system, and computer program product for fraud management with a shared hash map. A shared hash map may include a plurality of identifiers mapped to a plurality of buckets by at least one hash function. One or more buckets of the plurality of buckets may include at least one blockchain. The at least one blockchain may include fraud data associated with one or more fraudulent transactions. A method may include storing the shared hash map, receiving an update to the shared hash map, and providing a copy of the shared hash map. A method may include storing a local copy of the shared hash map, receiving transaction data associated with a transaction, accessing fraud data in the local copy of the shared hash map, and determining an authorization or a denial of the transaction based on the fraud data.

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