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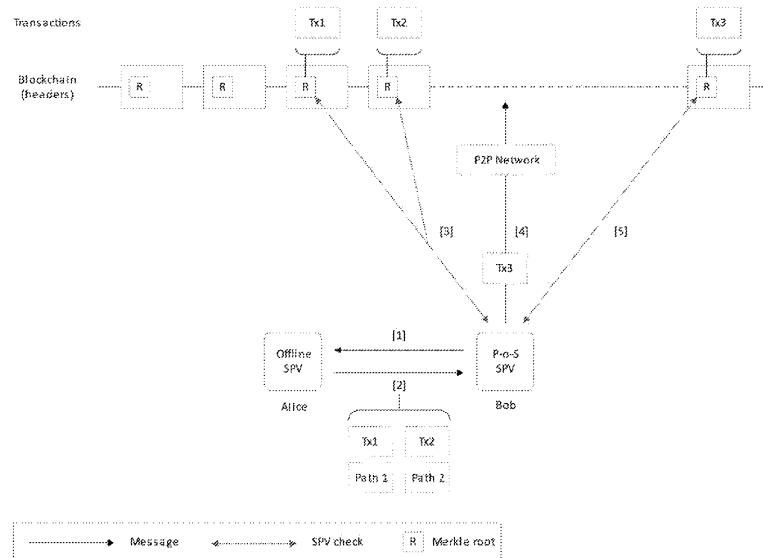
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(54) Title: COMPUTER-IMPLEMENTED SYSTEMS AND METHODS FOR IMPLEMENTING TRANSFERS OVER A BLOCKCHAIN NETWORK



An illustrative embodiment of the invention

Figure 10

(57) Abstract: The invention provides improved verification solutions for blockchain-implemented transfers. It is suited for, but not limited to, implementation in an SPV wallet. In accordance with one embodiment, a method, system or resource is provided which enables Alice to transfer an asset eg cryptocurrency or token to Bob across a blockchain. Alice stores complete transaction data relating to at least one blockchain transaction; and the complete Merkle path of the at least one blockchain transaction. This enables her to send Bob the full transaction data for all input transactions (eg Tx1, Tx2) comprising at least one output that she wants to spend as inputs to a transfer (eg Tx3); the Merkle path for all input transactions (Tx1, Tx2) linking them to their respective Merkle roots associated with their respective block headers; a transfer transaction (Tx3). Alice also provides her signature. Bob is then able to perform local SPV checks on the input transactions Tx1, Tx2 using transactions Tx1 and Tx2, their corresponding Merkle paths Path 1, Path 2, and his

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