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(54) Title: UPDATING DIGITAL ASSETS TRANSACTIONS IN ISOLATED DEVICES

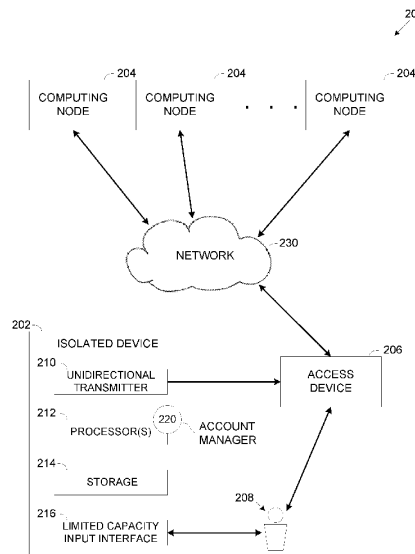


FIG. 2

(57) Abstract: Described herein are methods and devices for updating digital assets transactions in an isolated device, comprising the isolated device (1) receiving limited length string(s) indicating a value of digital assets transferred from one or more other devices to an account associated with the isolated device in one or more transactions each recorded in a blockchain with a respective identifier computed based on input value(s) of the respective transaction which corresponds to output value(s) of previous transaction(s) which the isolated device is informed of and are stored in a predefined order in a depository allocated for the isolated device in the other device(s), (2) inferring the respective identifier of each transaction according to the output value(s) of the previous transaction(s) identified based on the transferred value according to the predefined order and, (3) updating the isolated device with a digital assets balance of the associated account according to the transaction(s).

[Continued on next page]

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