ABSTRACT

SYSTEMS AND METHODS FOR MANAGEMENT OF ASSET OR OBLIGATION-BACKED VIRTUAL RECEIPTS ON A DISTRIBUTED SYSTEM

Systems and methods for management of asset or obligation-backed virtual receipts on a distributed system are disclosed Systems and methods for management of asset or obligation-backed virtual receipts on a distributed system are disclosed. According to one embodiment, in an information processing apparatus for a depositary entity comprising at least one computer processor, a method for managing asset or obligation-backed virtual receipts on a distributed system may include (1) receiving confirmation of a deposit of an underlying asset, wherein the deposit encumbers the underlying asset; (2) receiving authorization to issue a virtual receipt for the deposited underlying asset; and (3) executing issuance of the virtual receipt by writing the transaction to a distributed ledger.

(Figure 1)