

【ABSTRACT】

PLATFORM OPERATOR DEVICE SUPPORTING ISSUANCE OF MULTI-ASSET- BACKED SECURITY TOKENS

Provided is a platform operator device supporting an issuance of multi-assets-backed
5 security tokens on a blockchain network. The platform operator device comprises memory, a
processor, a display unit, and a communication unit. The processor of the platform operator device
is configured to communicate, by means of the communication unit and a communication network,
with: one or more token issuer terminals; one or more investor terminals; and one or more custody
institute servers managing the one or more token issuer terminals, respectively, the one or more
10 investor terminals, respectively, or each electronic money wallet associated with the platform
operator device, wherein the block chain network includes a plurality of computing devices
performing P2P communication with each other, each of the computing devices includes at least a
portion of a blockchain distributed ledger on which a plurality of pieces of smart contract code by
which prescribed types of transactions are respectively made on the blockchain network and
15 information about each of the transactions made by executing the respective pieces of smart
contract code are recorded, and the plurality of pieces of smart contract code include at least
issuance contract code and vault contract code.

Figure 1.