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(54) **CRYPTOCURRENCY OFFLINE VAULT STORAGE SYSTEM**

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(57) **ABSTRACT**

A system includes a memory that may store a customer account associated with a customer and a processor communicatively coupled to the memory. The processor is able to receive a request to deposit a quantity of cryptocurrency into the customer account and associate the quantity of cryptocurrency with the customer account. The processor is also able to deposit the quantity of cryptocurrency into a vault connected to a network and determine a total quantity of cryptocurrency deposited into the vault. The processor may also, in response to determining the total quantity of cryptocurrency deposited into the vault exceeds a threshold, facilitate the disconnection of the vault from the network.

Third Party Enterprise Server ~150

Exchange ~140a

Exchange ~140b

Payment Service

Virtual accounts ~172

~170

Network 120

116

GUI ~114

Customer 102

Device 110

111 — P M —110

Enterprise cryptocurrency server ~130

Data Center ~160a

Data Center ~160b

Enterprise Cryptocurrency Environment 100