

BLOCKCHAIN-BASED CROSS-CURRENCY SETTLEMENT METHODS, APPARATUSES, AND ELECTRONIC DEVICES

ABSTRACT

A blockchain-based cross-currency settlement method is disclosed, including: creating, for a transit node in response to a determination that off-chain funds of a first currency transferred by a first settlement node to a first settlement account opened at the first settlement node by the transit node are in a frozen state, a first blockchain asset corresponding to the off-chain funds of the first currency in a blockchain; and creating, for the transit node in response to a determination that off-chain funds of a second currency transferred by a second settlement node to a second settlement account opened at the second settlement node by the transit node are in a frozen state, a second blockchain asset corresponding to the off-chain funds of the second currency in the blockchain; and transferring the first blockchain asset from a blockchain account corresponding to the transit node to a blockchain account corresponding to the second settlement node and transferring the second blockchain asset from the blockchain account corresponding to the transit node to a blockchain account corresponding to the first settlement node in response to a fund exchange transaction sent by the transit node.

[FIG. 1]