

## TITLE OF INVENTION: UNSPENT TRANSACTION OUTPUT FINANCIAL TAGGING SYSTEM

### Abstract

According to certain embodiments of the present invention, a server for operating a blockchain financial system comprises: a memory configured to store instructions; and a processor configured to execute the instructions to: set a transaction input of a target transaction based on a first unspent transaction output (UTXO) list of a withdrawal wallet; update the first UTXO list to a second UTXO list of the withdrawal wallet based on a transaction output of the target transaction for a deposit wallet and the transaction input; generate transaction tags for the target transaction based on balance information of the withdrawal wallet according to the second UTXO list and transaction information of the target transaction; and record the transaction tags on a blockchain distributed ledger together with the target transaction.

[Fig 1]