

BLOCKCHAIN-BASED TRANSACTION METHODS

ABSTRACT

A plurality of embodiments of this specification provide a blockchain-based transaction method. One method includes: A transaction party invokes a smart contract
5 in a blockchain system, can register a digital identity on a blockchain for a digital object in the blockchain system, and write an owner identity of the digital object into a digital identity document of the digital object. If one or more transaction counterparties want to obtain ownership of the digital object, they can invoke the smart contract in the blockchain system to initiate a request of a transaction, further invoke the smart contract
10 in the blockchain system to complete a transaction, determine a new owner of the digital object, and update the owner identity of the digital object on the blockchain.

FIG. 4a