

METHODS AND DEVICES FOR NON-FUNGIBLE TOKEN REMIXING BASED ON BLOCKCHAIN

ABSTRACT

Disclosed herein are methods, devices, and apparatuses, including computer programs stored on computer-readable media, for remixing non-fungible tokens (NFTs). One of the methods includes: obtaining a first NFT of a first type and a second NFT of a second type based on a request of a user, the first NFT being stored on a blockchain and associated with a first identifier and first metadata, and the second NFT being stored on the blockchain and associated with a second identifier and second metadata; determining whether the user has remixing authorization of at least one of the first NFT or the second NFT; if the user has the remixing authorization of at least one of the first NFT or the second NFT, determining whether remixing is permissible for the first NFT and the second NFT based on the first NFT and the second NFT; if the remixing is permissible for the first NFT and the second NFT, generating an output identifier based on the first identifier and the second identifier, generating an output type based on the first type and the second type, and generating output metadata based on the first metadata and the second metadata; and generating an output NFT based on the output identifier, the output type, and the output metadata, and recording the output NFT on the blockchain.

Fig. 3