METHODS AND SYSTEMS FOR TRANSMITTING INFORMATION

CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] This application claims the benefit of U.S. Provisional Application No. 63/382,995, filed November 9, 2022; U.S. Provisional Application No. 63/578,514, filed August 24, 2023, and U.S. Patent Application No. 18/503,881, filed November 7, 2023. This application is a Continuation-in-Part of US Patent Application No. 17/806,677, filed June 13, 2022, which claims priority to US Provisional Application No. 63/209,858 filed June 11, 2021 and is also a Continuation-in-Part of US Application No.17/121,510 filed December 14, 2020, which claims priority to US Provisional Application No. 62/948,136, filed December 13, 2019. This application is a Continuation-in-Part of US Patent Application No. 18/046,689, filed October 14, 2022, which is a continuation of US Application No. 17/121,510, filed December 14, 2020, which claims the benefit of U.S. Provisional Application No. 62/948,136, filed December 13, 2019. All of these applications are incorporated by reference in their entirety.

[0002] This application is also related to PCT/US2020/064934 filed December 14, 2020 and PCT/US2022/033269 filed June 13, 2022. This application is incorporated by reference in its entirety.

SUMMARY

[0002a] According to a first aspect of the present disclosure, there is provided method, including: creating, using a platform, a fractionalized risk pool for a real estate property, the fractionalized risk pool comprising asset tokens and an occupancy token, the asset tokens and the occupancy token issued using blockchain, wherein the asset tokens are fungible and linked to the occupancy token, and wherein the occupancy token is non-fungible and comprises an updateable metadata field comprising a valuation of the real estate property and a highwater-mark value of the real estate property; transmitting, by a first computing device of the first computing system, a first network function request to a decentralized network, the first network function request including first information comprising a first sale of a first portion of the asset tokens to a first asset token holder, wherein the first sale comprises a first blockchain based smart contract to a decentralized network, wherein the first portion of the asset tokens are associated with the highwater-mark value at a first state; logging, by the platform, a decrease in the valuation in the updateable metadata field; and transmitting, by a second computing device of the second computing system, a second network function request to the decentralized network, the second network function request including second information comprising a second sale of a second portion of the asset tokens to a second asset token holder, wherein the second sale comprises a second blockchain based

smart contract to the decentralized network, wherein the second portion of the asset tokens are associated with the highwater-mark value at a second state based on the decrease in the valuation.

[0002b] According to a second aspect of the present disclosure, there is provided a system, including: a platform configured to create a fractionalized risk pool for a real estate property, the fractionalized risk pool comprising asset tokens and an occupancy token, the asset tokens and the occupancy token issued using blockchain, wherein the asset tokens are fungible and linked to the occupancy token, and wherein the occupancy token is non-fungible and comprises an updateable metadata field comprising a valuation of the real estate property and a highwater-mark value of the real estate property; a first computing device configured to transmit a first network function request to a decentralized network, the first network function request including first information comprising a first sale of a first portion of the asset tokens to a first asset token holder, wherein the first sale comprises a first blockchain based smart contract to a decentralized network, wherein the first portion of the asset tokens are associated with the highwater-mark value at a first state; wherein the platform is further configured to log a decrease in the valuation in the updateable metadata field; and a second computing device configured to transmit a second network function request to the decentralized network, the second network function request including second information comprising a second sale of a second portion of the asset tokens to a second asset token holder, wherein the second sale comprises a second blockchain based smart contract to the decentralized network, wherein the second portion of the asset tokens are associated with the highwater-mark value at a second state based on the decrease in the valuation.

BRIEF DESCRIPTION OF THE FIGURES

[0003] FIGS. 1-4 illustrate various structures that may be used in investing, according to aspects of the disclosure.

[0004] FIG. 5 illustrates an example computer system, according to aspects of the disclosure.

[0005] FIG. 6 illustrates an example method for using blockchain, according to aspects of the disclosure.

[0006] FIG. 7 illustrates an example of an MRE calculation flow, according to aspects of the disclosure.

[0007] FIG. 8 illustrates an example of using blockchain for investing, according to aspects of the disclosure.