# METHODS AND SYSTEMS FOR TRANSMITTING INFORMATION

This application claims the benefit of US Non-Provisional Application No. 17/121,510, filed December 14, 2020 and US Provisional Application No. 62/948,136, filed December 13, 2019. The entireties of these applications are incorporated by reference in their entirety.

## SUMMARY

According to a first aspect of the present disclosure, there is provided a method, comprising: creating, using a platform, a fractionalized risk pool and a fractionalized Home Pricing Index (HPI) pool for a real estate property, the fractionalized risk pool and the fractionalized HPI pool comprising asset tokens, HPI tokens, and an occupancy token, the asset tokens, the HPI tokens, and the occupancy token issued using blockchain; transmitting, by a first computing device of a first computing system, a first network function request comprising a sale of an asset token to an asset token holder, wherein the asset token comprises a blockchain based smart contract to a decentralized network; and transmitting, by a second computing device of a second computing system, a second network function request to the decentralized network, the second network function request comprising a sale of an HPI token to an HPI token holder, wherein the HPI token comprises a blockchain based smart contract distributing payments to the asset token holder and the HPI token holder using blockchain; wherein the occupancy token entitles an occupant of the real estate property to financial and occupancy rights in the real estate property after the blockchain based smart contract is executed; and wherein the asset token, the HPI token, and the occupancy token are configured to be resold and/or retraded.

According to a second aspect of the present disclosure, there is provided a system, including: a processor configured for: creating, using a platform, a fractionalized risk pool and a fractionalized Home Pricing Index (HPI) pool for a real estate property, the fractionalized risk pool and the fractionalized HPI pool comprising asset tokens, HPI tokens, and an occupancy token, the asset tokens, the HPI tokens, and the occupancy token issued using blockchain; transmitting, by a first computing device of a first computing system, a first network function request comprising a sale of an asset token to an asset token holder, wherein

the asset token comprises a blockchain based smart contract to a decentralized network; and transmitting, by a second computing device of a second computing system, a second network function request to the decentralized network, the second network function request comprising a sale of an HPI token to an HPI token holder, wherein the HPI token comprises a blockchain based smart contract distributing payments to the asset token holder and the HPI token holder using blockchain; wherein the occupancy token entitles an occupant of the real estate property to financial and occupancy rights in the real estate property after the blockchain based smart contract is executed; and wherein the asset token, the HPI token, and the occupancy token are configured to be resold and/or retraded.

## BRIEF DESCRIPTION OF THE FIGURES

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

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

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

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

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

FIG. 9 illustrates various equations that can be used for investing, according to aspects of the disclosure.

FIGS. 10-12 illustrate various parties, transactions and elements that can be used to board a home onto the platform.

FIG. 13 is an example screen shot, according to aspects of the disclosure.

FIGS. 14-21A illustrate other example aspects of the disclosure.