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(54) Title: SYSTEMS AND METHODS FOR USING CROSS-CHAIN PORTFOLIO MANAGEMENT PLATFORMS

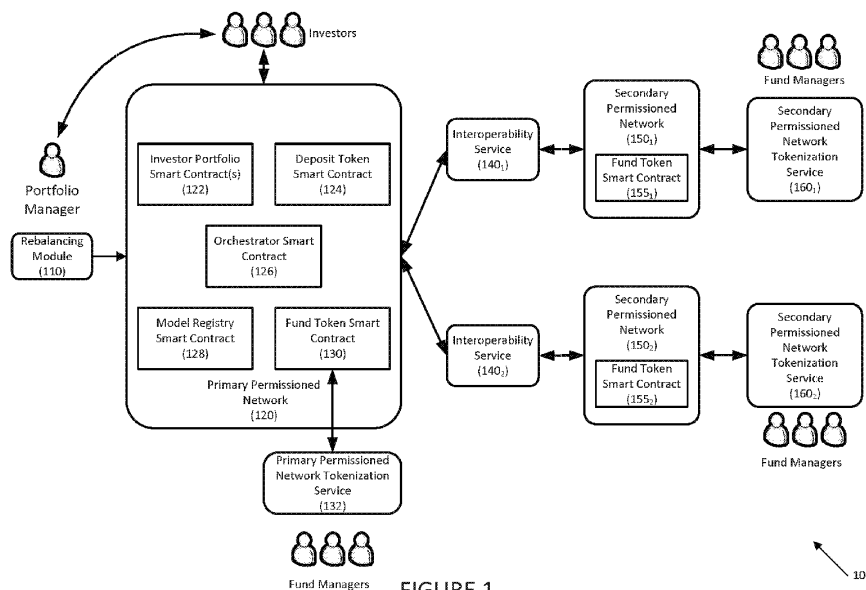


FIGURE 1

(57) Abstract: A method may include: a model registry smart contract on a primary permissioned blockchain-based network receiving template portfolio models; the model registry smart contract deploying an investor portfolio smart contract for an investor portfolio to the primary network; a rebalancer module calculating a subscription order to align the investor portfolio to the selected template portfolio model; the investor portfolio smart contract sending the subscription order to an orchestrator smart contract; the orchestrator smart contract routing the subscription order to a secondary permissioned blockchain-based network via an interoperability service that translates the subscription order for the secondary network, receives a settlement confirmation from the secondary network, and translates the settlement confirmation for the primary network; the orchestrator smart contract recording asset positions based on the settlement confirmation; and the investor portfolio smart contract transferring deposit tokens to a fund manager address for the fund

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on the primary network.