CLAIMS

What is claimed is:

1. A computer-based method comprising:

administering a dual-exchange cryptographically-secured platform (DECSP);

wherein the DECSP comprises:

1) a first-type cryptographically-secured platform (101), CSP, and

2) a second-type cryptographically-secured platform (102), CSP;

wherein the first-type CSP (101) comprises at least one first computing device;

wherein the second-type CSP (102) comprises at least one second computing device

wherein the at least one first computing device is operationally connected to a blockchain (103) and configured to at least:

i) issue at least one digital cryptographical token (crypto-token) associated with at least one position in at least one tradeable non-crypto asset, the at least one position being associated with a monetary value,

ii) perform at least one blockchain-based activity with the at least one crypto-token,

iii) automatically cause to cryptographically generate, on the blockchain (103), at least one first blockchain immutable record of the at least one blockchain-based activity with the at least one crypto-token, and

iv) automatically transmit (301) at least one first trading instruction associated with the at least one non-crypto asset to the at least one second computing device of the second-type CSP (102) in response to an issuance of the at least one crypto-token by the at least one first computing device of the first-type CSP (101), the at least one first trading instruction to obtain the at least one position in the at least one non-crypto asset;

v) in response to receiving a sell request to sell the at least one crypto-token, automatically transmit (302), to the at least one second computing device of the second-type CSP (102), at least one second trading instruction to close the at least one position in the at least one non-crypto asset, and

vi) automatically cause to cryptographically generate, on the blockchain (103), at least one second blockchain immutable record of the at least one position in the at least one non-crypto asset that is cryptographically linked to the at least one crypto-token;

wherein the at least one second computing device of the second-type CSP (102) is configured to at least:

i) receive the at least one first trading instruction associated with the at least one non-crypto asset from the at least one first computing device of the first-type CSP (101) and

ii) automatically communicate with at least one non-crypto asset electronic marketplace to execute at least one transaction associated

with the at least one non-crypto asset based on the at least one first trading instruction to obtain at least one position in the at least one non-crypto asset; and

iii) in response to receiving the at least one second trading instruction, automatically communicate with the at least one non-crypto asset electronic marketplace to close the at least one position in the at least one non-crypto asset,

wherein the at least one first computing device of the first-type CSP (101), the at least one second computing device of the second-type CSP (102), or both, are configured to automatically link:

i) the at least one blockchain-based activity with the at least one crypto-token and

ii) the at least one position in the at least one non-crypto asset.

2. The method of Claim 1, wherein the at least one first computing device of the first-type CSP (101), the at least one second computing device of the second-type CSP (102), or both, comprise a non-transitory computer memory storing computer code that, when executed, causes the at least one first computing device of the first-type CSP (101), the at least one second computing device of the second-type CSP (102), or both, to automatically execute at least one know-your-customer, KYC, determination.

3. The method of Claim 1, wherein the at least one first computing device of the first-type CSP (101) is further configured to automatically verify a signature-of-trust of a node via which the at least one first computing device receives, from a user device associated with a user, at least

one first request to perform the at least one blockchain-based activity with the at least one crypto-token.

4. The method of Claim 1, further comprising:

administering at least one digital wallet, eWallet, that comprises at least one first graphical user interface configured to allow a user to perform the at least one blockchain-based activity based on a user instruction related to the at least one position in the at least one non-crypto asset.

5. The method of Claim 4, wherein the at least one first computing device of the first-type CSP (101) is further configured to transmit at least one message, via the blockchain (103), from a first eWallet of a first user to a second eWallet of a second user.

6. The method of Claim 5, wherein the first eWallet comprises at least one second graphical user interface configured to allow the first user to indicate a maximum number of computational steps to be taken to transmit the at least one message, via the blockchain (103), to the second eWallet of the second user.

7. The method of Claim 1, wherein the at least one first computing device of the first-type CSP (101) is further configured to:

secretly keep at least one private key of the at least one crypto-token and

restrict a user to withdraw the at least one crypto-token to a corresponding value of at least one pre-determined cryptocurrency, at least one predetermined FIAT currency, or both.

8. The method of Claim 1, wherein the at least one first computing device of the first-type CSP (101) is further configured to track a monetary value of the at least one crypto-token based, at least in part, on a monetary value of the at least one position in the at least one non-crypto asset.

9. The method of Claim 4, wherein the eWallet further comprises at least one second graphical user interface configured to display a monetary value of the at least one crypto-token based, at least in part, on a monetary value of the at least one position in the at least one non-crypto asset.

10. A computer-based system comprising:

a dual-exchange cryptographically-secured platform, DECSP;

wherein the DECSP comprises:

1) a first-type cryptographically-secured platform (101), CSP, and

2) a second-type cryptographically-secured platform (102), CSP;

wherein the first-type CSP (101) comprises at least one first computing device;

wherein the second-type CSP (102) comprises at least one second computing device,

wherein the at least one first computing device is operationally connected to a blockchain (103) and configured to at least:

i) issue at least one digital cryptographical token (crypto-token) associated with at least one position in at least one tradable non-

crypto asset, the at least one position being associated with a monetary value;

ii) perform at least one blockchain-based activity with the at least one crypto-token,

iii) automatically cause to cryptographically generate, on the blockchain (103), at least one first blockchain immutable record of the at least one blockchain-based activity with the at least one crypto-token;

iv) automatically transmit (301) at least one first trading instruction associated with the at least one non-crypto asset to the at least one second computing device of the second-type CSP (102) in response to an issuance of the at least one crypto-token by the at least one first computing device of the first-type CSP (101), the at least one first trading instruction to obtain the at least one position in the at least one non-crypto asset;

v) in response to receiving a sell request to sell the at least one crypto-token, automatically transmit (302), to the at least one second computing device of the second-type CSP (102), at least one second trading instruction to close the at least one position in the at least one non-crypto asset, and

vi) automatically cause to cryptographically generate, on the blockchain (103), at least one second blockchain immutable record

of the at least one position in the at least one non-crypto asset that is cryptographically linked to the at least one crypto-token;

wherein the at least one second computing device of second-type CSP (102) is configured to at least:

i) receive the at least one first trading instruction associated with the at least one non-crypto asset from the at least one first computing device of the first-type CSP (101) and

ii) automatically communicate with at least one non-crypto asset electronic marketplace to execute at least one transaction associated with the at least one non-crypto asset based on the at least one first trading instruction to obtain at least one position in the at least one non-crypto asset; and

iii) in response to receiving the at least one second trading instruction, automatically communicate with the at least one non-crypto asset electronic marketplace to close the at least one position in the at least one non-crypto asset,

wherein the at least one first computing device of the first-type CSP (101), the at least one second computing device of the second-type CSP (102), or both, are configured to automatically link:

i) the at least one blockchain-based activity with the at least one crypto-token and

ii) the at least one position in the at least one non-crypto asset.

11. The computer-based system of Claim 10, further configured to perform the method of any one of Claims 2 to 9.