Claims

What is claimed is:

1. A method of operating a data distribution system, said method comprising:

invoking transistor-based circuitry configured to obtain an off-chain batch evaluation of an aggregate performance of a first taskset participant that includes at least first and second tasksets completed by said first taskset participant;

invoking transistor-based circuitry configured to obtain an off-chain batch evaluation of an aggregate performance of a second taskset participant that includes at least first and second tasksets completed by said second taskset participant;

invoking transistor-based circuitry configured to signal a first eligibility to said first taskset participant as an automatic and conditional first response partly based on said first taskset participant signaling a preference for an on-chain first transfer modality over one or more other transfer modalities and partly based on said off-chain batch evaluation of said aggregate performance of said first taskset participant exceeding a first threshold associated with said on-chain first transfer modality; wherein said on-chain first transfer modality is at least partly based on a directed acyclic graph and wherein said on-chain first transfer modality is associated at least with both an on-chain transfer type and said first threshold;

invoking transistor-based circuitry configured to signal a first eligibility to said second taskset participant by conditionally providing a user-actionable eligibility notification control so as to signify said second taskset participant receiving said first eligibility as a new eligibility as an automatic and conditional response partly based on said second taskset participant signaling a preference for said on-chain first transfer modality over one or more other transfer modalities and partly based on said off-chain batch evaluation of said aggregate performance of said second taskset participant exceeding said first threshold associated with said on-chain first transfer modality; and

determining an on-chain batch data distribution to numerous taskset participants including said first and second taskset participants as a conditional response partly based on said off-chain batch evaluations of said aggregate performances of said first and second taskset participants each exceeding said first threshold associated with said on-chain first transfer modality and partly based on said first and second taskset participants both having consented to participate in said on-chain batch data distribution; wherein an eligibility notification signaling said first eligibility presents a first user-actionable batch distribution control; wherein all of said taskset participants each manifest opting into said on-chain batch data distribution by actuating said user-actionable batch distribution control; wherein said eligibility notification signaling said first eligibility presents said first user-actionable batch distribution control to a third taskset participant whose aggregate performance exceeds said first threshold and whose implementation of said on-chain first transfer modality includes a setting having an a priori value by which said on-chain first transfer modality is set to include said third taskset participant as a recipient in said on-chain batch data distribution; wherein said first taskset participant of has been notified of an opportunity to receive a first resource by completing said first taskset; wherein said first taskset includes viewing training materials online; wherein said first taskset participant has been allowed to receive said first resource by completing said first taskset; wherein said first taskset participant has been notified of having received said first resource in lieu of signaling any immediate eligibility for any in-kind dispensation as a conditional response partly based on said first taskset participant having completed said first taskset and partly based on an aggregated amount that includes said first resource not exceeding said first threshold associated with said on-chain first transfer modality; wherein said first taskset participant has been notified of an opportunity to receive said second resource by completing said second taskset; wherein said second taskset include a skilled task relating to said training materials; wherein said first taskset participant has been allowed to receive said second resource by completing said second taskset; wherein said first taskset participant has been notified of having received an eligibility to receive an in-kind dispensation associated with said aggregate performance of said first taskset participant that includes said first and second tasksets completed by said first taskset participant as a

conditional response partly based on said first taskset participant having completed said first and second tasksets and partly based on said aggregate performance exceeding said first threshold associated with said on-chain first transfer modality; wherein said second taskset including said skilled task relating to said training materials has been unlocked to said first taskset participant by said first taskset participant having completed said first taskset including viewing said training materials; wherein said in-kind dispensation associated with said aggregated amount that includes said first and second resources has been implemented as a conditional response to a dispensation request from said first taskset participant; and wherein said in-kind dispensation is a component of said on-chain batch data distribution; and

executing said on-chain batch data distribution to said numerous taskset participants including first special-purpose hardware implementing a first digital wallet configured as a first destination of said on-chain batch data distribution and second special-purpose hardware implementing a second digital wallet configured as a second destination of said on-chain batch data distribution, wherein said first digital wallet contains a first private key, wherein said on-chain batch data distribution includes crypto assets that express one or more indexes that can later be retrieved by said first taskset participant using said first private key, wherein said on-chain batch data distribution finally includes said first and second taskset participants but not said third taskset participant based on said third taskset participant having overridden said a priori value, and wherein said off-chain batch evaluations and said on-chain batch data distribution both reduce a vulnerability of said data distribution system to on-chain transfer failures.

2. The method of claim 1, further comprising:

creating said on-chain first transfer modality in association with both an on-chain transfer type and said first threshold, wherein said on-chain first transfer modality allows said on-chain batch data distribution to include an in-kind dispensation.

3. The method of claim 1, further comprising:

creating said on-chain first transfer modality in association with both an on-chain transfer type and said first threshold, said on-chain first transfer modality including an in-kind dispensation; and

allowing a dispenser to implement said in-kind dispensation as a component of said on-chain batch data distribution by authorizing said dispenser to expel a physical article.

4. The method of Claim 1, wherein said on-chain batch data distribution to said numerous taskset participants is also partly based on said first and second taskset participants each having opted into said on-chain batch data distribution after receiving said eligibility notification signaling said on-chain batch data distribution and before said on-chain batch data distribution is triggered; and wherein said eligibility notification presents said first threshold associated with said on-chain first transfer modality as a default scalar quantity.

5. The method of claim 1, wherein said on-chain batch data distribution to said numerous taskset participants is also partly based on said first and second taskset participants each having opted into said on-chain batch data distribution after receiving said eligibility notification signaling said on-chain batch data distribution and before said on-chain batch data distribution is triggered; wherein said eligibility notification presents said first threshold associated with said on-chain first transfer modality as a default scalar quantity; wherein said first taskset participant accepts said default scalar quantity and said second taskset participant replaces said default scalar quantity with a larger value; and wherein said batch data distribution to said first and second taskset participants is performed using said default scalar quantity and said larger value respectively.

6. The method of claim 1, wherein said on-chain batch data distribution includes a transmission to an additional taskset participant as a component of said on-chain batch data distribution to said numerous taskset participants; and wherein said on-chain batch data distribution to said numerous taskset participants is

also partly based on said first and second taskset participants each having opted into said on-chain batch data distribution after receiving said eligibility notification signaling said on-chain batch data distribution and before said on-chain batch data distribution is triggered.

7. The method of claim 1, wherein said on-chain batch data distribution includes a transmission to an additional taskset participant as a component of said on-chain batch data distribution to said numerous taskset participants; wherein said on-chain batch data distribution to said numerous taskset participants is partly based on said off-chain batch evaluations of said aggregate performances of said first and second taskset participants each exceeding said first threshold associated with said on-chain first transfer modality and partly based on an off-chain batch evaluation of an aggregate performance of said additional taskset participant also exceeding said first threshold associated with said on-chain first transfer modality; and wherein said first, second and third taskset participants have all requested to participate in said on-chain batch data distribution but in which said data distribution system is only configured to send manually triggered information relating to said on-chain first transfer modality to said additional taskset participant.

8. The method of Claim 1, wherein said method implements another method comprising:

invoking transistor-based circuitry configured to notify said first taskset participant of an opportunity to receive a first resource by completing said first taskset;

invoking transistor-based circuitry configured to allow said first taskset participant to receive said first resource by completing said first taskset;

invoking transistor-based circuitry configured to notify said first taskset participant of having received said first resource in lieu of signaling any immediate eligibility for any in-kind dispensation as a conditional response partly based on said first taskset participant having completed said first taskset and partly based on an aggregated amount that includes said first resource not

exceeding said first threshold associated with said on-chain first transfer modality;

invoking transistor-based circuitry configured to notify said first taskset participant of an opportunity to receive a second resource by completing a second taskset;

invoking transistor-based circuitry configured to allow said first taskset participant to receive said second resource by completing said second taskset, wherein said first taskset participant is notified of having received an eligibility to receive an in-kind dispensation associated with said aggregate performance of said first taskset participant that includes first and second tasksets completed by said first taskset participant as a conditional response partly based on said first taskset participant having completed said first and second tasksets and partly based on said aggregate performance of said first taskset participant exceeding said first threshold associated with said on-chain first transfer modality, and wherein said second taskset is unlocked to said first taskset participant by said first taskset participant having completed said first taskset; and

implementing said in-kind dispensation associated with said aggregated amount that includes said first and second resources as a conditional response to a dispensation request from said first taskset participant, wherein said in-kind dispensation is a component of said on-chain batch data distribution.

9. A method of operating a data distribution system, said method comprising:

invoking transistor-based circuitry configured to obtain an off-chain batch evaluation of an aggregate performance of a first taskset participant that includes first and second tasksets completed by said first taskset participant;

invoking transistor-based circuitry configured to obtain an off-chain batch evaluation of an aggregate performance of a second taskset participant that includes first and second tasksets completed by said second taskset participant;

invoking transistor-based circuitry configured to signal a first eligibility to said first taskset participant as an automatic and conditional response partly based on said first taskset participant signaling a preference for an on-chain first transfer modality over one or more other transfer modalities and partly based on said off-chain batch evaluation of said aggregate performance of said first taskset participant exceeding a first threshold associated with said on-chain first transfer modality;

invoking transistor-based circuitry configured to signal a first eligibility to said second taskset participant an automatic and conditional response partly based on said second taskset participant signaling a preference for said on-chain first transfer modality over one or more other transfer modalities and partly based on said off-chain batch evaluation of said aggregate performance of said second taskset participant exceeding said first threshold associated with said on-chain first transfer modality; and

determining an on-chain batch data distribution to said first and second taskset participants as a conditional response partly based on said off-chain batch evaluations of said aggregate performances of said first and second taskset participants each exceeding said first threshold associated with said on-chain first transfer modality and partly based on said first and second taskset participants both having consented to participate in said on-chain batch data distribution; wherein said first taskset participant of has been notified of an opportunity to receive a first resource by completing said first taskset; wherein said first taskset includes viewing training materials online; wherein said first taskset participant has been allowed to receive said first resource by completing said first taskset; wherein said first taskset participant has been notified of having received said first resource in lieu of signaling any immediate eligibility for any in-kind dispensation as a conditional response partly based on said first taskset participant having completed said first taskset and partly based on an aggregated amount that includes said first resource not exceeding said first threshold associated with said on-chain first transfer modality; wherein said first taskset participant has been notified of an opportunity to receive said second resource by completing said second taskset; wherein said second taskset

include a skilled task relating to said training materials; wherein said first taskset participant has been allowed to receive said second resource by completing said second taskset; wherein said first taskset participant has been notified of having received an eligibility to receive an in-kind dispensation associated with said aggregate performance of said first taskset participant that includes said first and second tasksets completed by said first taskset participant as a conditional response partly based on said first taskset participant having completed said first and second tasksets and partly based on said aggregate performance exceeding said first threshold associated with said on-chain first transfer modality; wherein said second taskset including said skilled task relating to said training materials has been unlocked to said first taskset participant by said first taskset participant having completed said first taskset including viewing said training materials; wherein said in-kind dispensation associated with said aggregated amount that includes said first and second resources has been implemented as a conditional response to a dispensation request from said first taskset participant; and wherein said in-kind dispensation is a component of said on-chain batch data distribution; and

executing said on-chain batch data distribution to said numerous taskset participants including first special-purpose hardware implementing a first digital wallet configured as a first destination of said on-chain batch data distribution and second special-purpose hardware implementing a second digital wallet configured as a second destination of said on-chain batch data distribution, wherein said first digital wallet contains a first private key and wherein said on-chain batch data distribution includes crypto assets that express one or more indexes that can later be retrieved by said first taskset participant using said first private key.

10. The method of Claim 9, wherein said method implements another method comprising:

invoking transistor-based circuitry configured to notify said first taskset participant of an opportunity to receive a first resource by completing said first taskset;

invoking transistor-based circuitry configured to allow said first taskset participant to receive said first resource by completing said first taskset;

invoking transistor-based circuitry configured to notify said first taskset participant of having received said first resource in lieu of signaling any immediate eligibility for any in-kind dispensation as a conditional response partly based on said first taskset participant having completed said first taskset and partly based on an aggregated amount that includes said first resource not exceeding said first threshold associated with said on-chain first transfer modality;

invoking transistor-based circuitry configured to notify said first taskset participant of an opportunity to receive a second resource by completing a second taskset;

invoking transistor-based circuitry configured to allow said first taskset participant to receive said second resource by completing said second taskset, wherein said first taskset participant is notified of having received an eligibility to receive an in-kind dispensation associated with said aggregate performance of said first taskset participant that includes first and second tasksets completed by said first taskset participant as a conditional response partly based on said first taskset participant having completed said first and second tasksets and partly based on said aggregate performance of said first taskset participant exceeding said first threshold associated with said on-chain first transfer modality, and wherein said second taskset is unlocked to said first taskset participant by said first taskset participant having completed said first taskset; and

implementing said in-kind dispensation associated with said aggregated amount that includes said first and second resources as a conditional response to a dispensation request from said first taskset participant, wherein said in-kind dispensation is a component of said on-chain batch data distribution.

11. The method of Claim 9, further comprising:

initially setting preferences negatively for components of said on-chain batch data distribution of said first and second taskset participants respectively.

12. The method of Claim 9, wherein an eligibility notification signaling said first eligibility is received by each of said taskset participants before said taskset participants each consented to participate in said on-chain batch data distribution and wherein said taskset participants each consented to participate in said on-chain batch data distribution before said on-chain batch data distribution was triggered.

13. The method of Claim 9, wherein an eligibility notification signaling said first eligibility simultaneously to said first taskset participant presents both a user-actionable eligibility notification control allowing said eligibility to be toggled selectively and a user-actionable batch distribution control allowing participation in said on-chain batch data distribution to be toggled selectively.

14. The method of Claim 9, wherein an eligibility notification signaling said first eligibility presents a first user-actionable batch distribution control; and wherein at least said first and second taskset participants each manifest opting into said on-chain batch data distribution by actuating said user-actionable batch distribution control.

15. The method of Claim 9, wherein an eligibility notification signaling said first eligibility presents a first user-actionable batch distribution control; wherein at least said first and second taskset participants each manifest opting into said on-chain batch data distribution by actuating said user-actionable batch distribution control; and wherein said on-chain batch data distribution also includes a transmission to an additional taskset participant whose aggregate

performance exceeds said first threshold as a component of said conditional response partly based on said additional taskset participant having consented to participate in said on-chain batch data distribution whose implementation of said on-chain first transfer modality includes a setting having a default value by which said on-chain first transfer modality is set to include said additional taskset participant as a recipient in said on-chain batch data distribution.

16. The method of claim 9, wherein an eligibility notification signaling said first eligibility presents a first user-actionable batch distribution control; wherein at least said first and second taskset participants each manifest opting into said on-chain batch data distribution by actuating said user-actionable batch distribution control; wherein said on-chain batch data distribution also includes a transmission to an additional taskset participant whose aggregate performance exceeds said first threshold as a component of said conditional response partly based on said additional taskset participant having consented to participate in said on-chain batch data distribution whose implementation of said on-chain first transfer modality includes a setting having a default value by which said on-chain first transfer modality is set to include said additional taskset participant as a recipient in said on-chain batch data distribution; and wherein said on-chain batch data distribution includes said first and second taskset participants but not said additional taskset participant based on said additional taskset participant having overridden said default value before a commencement of said on-chain batch data distribution.

17. The method of Claim 9, wherein (at least) an eligibility notification signaling (at least) said first eligibility presents (at least) a first user-actionable batch distribution control and wherein (at least) both of said taskset participants each manifest opting (at least) into said on-chain batch data distribution by actuating (at least) said user-actionable batch distribution control.

18. A data distribution system comprising:

transistor-based circuitry configured to obtain an off-chain batch evaluation of an aggregate performance of a first taskset participant that includes first and second tasksets completed by said first taskset participant;

transistor-based circuitry configured to obtain an off-chain batch evaluation of an aggregate performance of a second taskset participant that includes first and second tasksets completed by said second taskset participant;

transistor-based circuitry configured to signal a first eligibility to said first taskset participant as an automatic and conditional response partly based on said first taskset participant signaling a preference for an on-chain first transfer modality over one or more other transfer modalities and partly based on said off-chain batch evaluation of said aggregate performance of said first taskset participant exceeding a first threshold associated with said on-chain first transfer modality;

transistor-based circuitry configured to signal a first eligibility to said second taskset participant an automatic and conditional response partly based on said second taskset participant signaling a preference for said on-chain first transfer modality over one or more other transfer modalities and partly based on said off-chain batch evaluation of said aggregate performance of said second taskset participant exceeding said first threshold associated with said on-chain first transfer modality; and

transistor-based circuitry configured to determine an on-chain batch data distribution to said first and second taskset participants as a conditional response partly based on said off-chain batch evaluations of said aggregate performances of said first and second taskset participants each exceeding said first threshold associated with said on-chain first transfer modality and partly based on said first and second taskset participants both having consented to participate in said on-chain batch data distribution; wherein said first taskset participant of has been notified of an opportunity to receive a first resource by completing said first taskset; wherein said first taskset includes viewing training materials online; wherein said first taskset participant has been allowed to receive said first resource by completing said first taskset; wherein said first taskset participant has been notified of having received said first resource in

lieu of signaling any immediate eligibility for any in-kind dispensation as a conditional response partly based on said first taskset participant having completed said first taskset and partly based on an aggregated amount that includes said first resource not exceeding said first threshold associated with said on-chain first transfer modality; wherein said first taskset participant has been notified of an opportunity to receive said second resource by completing said second taskset; wherein said second taskset include a skilled task relating to said training materials; wherein said first taskset participant has been allowed to receive said second resource by completing said second taskset; wherein said first taskset participant has been notified of having received an eligibility to receive an in-kind dispensation associated with said aggregate performance of said first taskset participant that includes said first and second tasksets completed by said first taskset participant as a conditional response partly based on said first taskset participant having completed said first and second tasksets and partly based on said aggregate performance exceeding said first threshold associated with said on-chain first transfer modality; wherein said second taskset including said skilled task relating to said training materials has been unlocked to said first taskset participant by said first taskset participant having completed said first taskset including viewing said training materials; wherein said in-kind dispensation associated with said aggregated amount that includes said first and second resources has been implemented as a conditional response to a dispensation request from said first taskset participant; and wherein said in-kind dispensation is a component of said on-chain batch data distribution; and

means for executing said on-chain batch data distribution to said numerous taskset participants including first special-purpose hardware implementing a first digital wallet configured as a first destination of said on-chain batch data distribution and second special-purpose hardware implementing a second digital wallet configured as a second destination of said on-chain batch data distribution, wherein said first digital wallet contains a first private key and wherein said on-chain batch data distribution includes crypto assets that express one or more indexes that can later be retrieved by said first taskset participant using said first private key.

19. The data distribution system of Claim 18, further comprising:

a physical article implementing a digital wallet that includes special-purpose hardware configured as a first destination of said on-chain batch data distribution, wherein said digital wallet is configured to contain a private key, and wherein said on-chain batch data distribution includes crypto assets that express one or more indexes that can later be retrieved by said first taskset participant using said private key.