TITLE OF INVENTION: EFFECTIVE ON-LIST AUTHENTICATION IN TASKSET SEQUENCING SYSTEMS AND METHODS

RELATED APPLICATIONS

[0001] This application claims the benefit of provisional U.S. Prov. App. No. 62/554,536 (entitled “Normalized Incentivization Systems and Methods to Facilitate Decentralized Task Management” and filed 5 September 2017); of U.S. App. No. 15/874,356 (entitled “Normalized Incentivization Systems and Methods to Facilitate Decentralized Task Management” and filed 18 January 2018); and of U.S. App. No. 15/933,281 (entitled “Taskset-Participant-Configurable Batch Content Transfer Systems and Methods” and filed 22 March 2018).

TECHNOLOGICAL FIELD

[0002] This disclosure relates primarily to business security and more particularly to secure protocols for marshaling a geographically distributed cohort to perform complex taskset sequences.

BACKGROUND

[0003] Various complex tasks may ideally be performed by crowdworkers or other distributed cohorts of people acting in concert. Numerous online implementations of programmatic taskset sequencing have emerged in response, such as for training, monitoring, or other preparatory or ongoing concerted activity. Many such implementations primarily concern training or other intrinsically motivated activity, while others include programmatic incentivization.

[0004] One example is U.S. Pat. 9737813, which discloses a semantic skills enhancement method. A subject views a task with audio, video, or other linguistic clues

that are capable of activating concepts related to one or more solution words without showing the written text of the words. If the subject provides an incorrect solution, one or more additional clues are provided. In some variants a game world may provide instructions for the task as well as incentives and penalties.

[0005] Another example is U.S. Pub. No. 2011/0313933, which discloses decision-theoretic control and optimization of crowd-sourced workflows for completing a directive that includes a utility function. A workflow comprising an ordered task set is mapped with a decision point before or after a task thereof such that each decision point comprises posting a call for workers, adjusting parameters of the task set, or submitting an artifact generated by a worker as output. After a training phase to ascertain worker capability parameters, such decision points are implemented with a decision selected by a user or optimized according to the utility function. In some variants each task has a difficulty parameter that varies directly with the quality parameters of artifacts previously generated, such that the difficulty parameter impacts how capability parameters of the worker are updated after completing the task.

[0006] Another example is U.S. Pub. No. 2014/0172767, which discloses optimizing a number of correct decisions made by a crowdsourcing system given a fixed budget. Tasks for multiple decisions are allocated to workers in a sequence. A task is allocated to a worker based on results already achieved for that task from other workers or on results already received for other tasks from that worker. Such allocation addresses the different levels of reliability of workers, optionally as a Bayesian Markov decision process. Given the information already received for each item and worker, an

estimate of the number of correct labels received is determined so that the system can be optimized iteratively.

[0007] Another example is U.S. Pub. No. 2017/0243239, which discloses methods and systems for directing users to a location. Embodiments include a user interface for receiving data regarding a task to be performed by a user and data regarding cryptocurrency or other rewards associated with the task.

[0008] While all of these implementations facilitate complex taskset sequencing to some degree, none provide effective on-list authentication or other campaign- or taskset-specific security features as described below.

BRIEF DESCRIPTION OF THE DRAWINGS

[0009] Fig. 1 depicts a system in which respective entities each employ one or more servers or client devices in which one or more improved technologies may be incorporated.

[0010] Fig. 2 depicts a network and device diagram illustrating exemplary client devices configured in which one or more improved technologies may be incorporated.

[0011] Fig. 3 depicts a server in which one or more improved technologies may be incorporated.

[0012] Fig. 4 depicts a blockchain node in which one or more improved technologies may be incorporated.

[0013] Fig. 5 depicts media-resident data objects in which one or more improved technologies may be incorporated.

[0014] Fig. 6 depicts physical forms or other suitability indicia that demonstrate an ability or inclination of a party/participant to perform a task in which one or more improved technologies may be incorporated.

[0015] Fig. 7 depicts a list of records each describing a taskset in which one or more improved technologies may be incorporated.

[0016] Fig. 8 depicts a system in which three client devices are located in a geographic region in which one or more improved technologies may be incorporated.

[0017] Fig. 9 depicts a particular scenario and progressive data flow in which one or more client devices and servers interact in which one or more improved technologies may be incorporated.

[0018] Fig. 10 depicts a participant sign up process flow in which one or more improved technologies may be incorporated.

[0019] Fig. 11 depicts an incentive earning flow in which one or more improved technologies may be incorporated.

[0020] Fig. 12 depicts another incentive earning flow in which one or more improved technologies may be incorporated.

[0021] Fig. 13 depicts a dispensation flow in which one or more improved technologies may be incorporated.

[0022] Fig. 14 depicts an affiliate enlistment flow in which one or more improved technologies may be incorporated.

[0023] Fig. 15 depicts an offer addition flow in which one or more improved technologies may be incorporated.

[0024] Fig. 16 depicts special-purpose transistor-based circuitry in which one or more improved technologies may be incorporated.

[0025] Fig. 17 depicts an incentivization flow in which one or more improved technologies may be incorporated.

[0026] Fig. 18 depicts another incentivization flow in which one or more improved technologies may be incorporated.

[0027] Fig. 19 depicts one or more nonvolatile data storage media configured to handle various data objects in which one or more improved technologies may be incorporated.

[0028] Fig. 20 depicts a particular scenario and progressive data flow in which one or more client devices and servers interact in which one or more improved technologies may be incorporated.

[0029] Fig. 21 depicts a handheld client device in use by a participant in which one or more improved technologies may be incorporated.

[0030] Fig. 22 depicts special-purpose transistor-based circuitry in which one or more improved technologies may be incorporated.

[0031] Fig. 23 depicts a data distribution flow in which one or more improved technologies may be incorporated.

DETAILED DESCRIPTION

[0032] The detailed description that follows is represented largely in terms of processes and symbolic representations of operations by computer components adapted from existing techniques as explained below. In some variants such components may include a processor, memory storage devices for the processor, and

connected display devices and input devices. Furthermore, some of these processes and operations may (optionally) interact with or otherwise utilize conventional computer components in a heterogeneous distributed computing environment, including remote file servers, computer servers and memory storage devices.

[0033] It is intended that the terminology used in the description presented below be interpreted in its broadest reasonable manner, even though it is being used in conjunction with a detailed description of certain example embodiments. Although certain terms may be emphasized below, any terminology intended to be interpreted in any restricted manner will be overtly and specifically defined as such.

[0034] The phrases “in one embodiment,” “in various embodiments,” “in some embodiments,” and the like are used repeatedly. Such phrases do not necessarily refer to the same embodiment. The terms “comprising,” “having,” and “including” are synonymous, unless the context dictates otherwise.

[0035] “A priori,” “above,” “aggregated,” “allowed,” “apparent,” “as,” “associated,” “automatic,” “based,” “batch,” “before,” “being,” “caused,” “changed,” “completed,” “conditional,” “configured,” “described,” “determined,” “disclosed,” “distributed,” “eligible,” “first,” “for,” “from,” “human,” “hybrid,” “identified,” “included,” “likewise,” “local,” “manifesting,” “many,” “matching,” “mixed,” “more,” “off-chain,” “off-list,” “offline,” “older,” “on-chain,” “on-list,” “online,” “prior,” “particular,” “recent,” “requested,” “related,” “respective,” “responsive,” “scalar,” “second,” “sequential,” “several,” “signaling,” “substantive,” “to,” “transmitting,” “true,” “unique,” “unlocked,” “updated,” “via,” “with,” or other such descriptors herein are used in their normal yes-or-no sense, not merely as terms of degree, unless context dictates otherwise. In light of the present disclosure

those skilled in the art will understand from context what is meant by “remote” and by other such positional descriptors used herein. Likewise they will understand what is meant by “partly based” or other such descriptions of dependent computational variables/signals.

[0036] “On-chain” refers to (permanent) inclusion in a blockchain, whether or not such content is public or transparent. “On-list” encompasses not only on-chain but also other content linked and effectively rendered immutable using cryptography (in a consensus-based data verification, e.g.). In an implementation that includes “on-list” content (a blockchain or tangle, e.g.) as described below, “off-list” refers to content elements (an in-app account ledger, e.g.) that have yet to be included “on-list.” A “batch” data distribution (broadcast, e.g.) is one in which data is directed to numerous recipients (i.e. dozens or more) within a limited time (i.e. less than 24 hours) after a triggering event (an administrator action or periodic/weekly trigger time, e.g.). A “taskset participant” may refer to hardware in use by human beings performing sponsor-defined tasks (running applications, e.g.) but does not include mining rigs or similar unsupervised support automation. Terms like “processor,” “center,” “unit,” “computer,” or other such descriptors herein are used in their normal sense, in reference to an inanimate structure. Such terms do not include any people, irrespective of their location or employment or other association with the thing described, unless context dictates otherwise. “For” is not used to articulate a mere intended purpose in phrases like “circuitry for” or “instruction for,” moreover, but is used normally, in descriptively identifying special purpose software or structures.

[0037] As used herein and consistent with common parlance, an “online” taskset refers to one or more tasks primarily performed by a party while online (i.e. via a computing device in communication with or through a network of devices). Such tasksets include creating online accounts remotely, receiving streaming content (ads or training materials, e.g.), transmitting content (digitally encoded remarks, e.g.) via electrical or optical communications linkages, or other such tasks performed via a network linkage. Likewise an “offline” taskset refers herein to one or more tasks primarily performed by a party while offline (i.e. not via a computing device in communication with a network of devices). Such tasksets include traveling in person, talking face-to-face, handling or manipulating real-world objects, taking medication, or other such tasks performed in person. A taskset may be “offline” even if it includes an online reporting component, however. And if the offline and online portions of a given taskset are similar in magnitude (each being 40% to 60% of the whole, e.g.) then that taskset is neither an “online” nor an “offline” taskset, but is rather a “hybrid” as described herein.

[0038] As used herein and consistent with common parlance, circuitry in situ may be “invoked” by initializing it or otherwise providing digital or other signals into it so as to trigger one or more executions of an operation by which the circuitry is identified. Each instance of circuitry identified as “transistor-based” herein is fully described and enabled by teachings herein so that one of ordinary skill in the art can make and use such circuitry in various inventive configurations without any undue experimentation.

[0039] Reference is now made in detail to the description of the embodiments as illustrated in the drawings. While embodiments are described in connection with the

drawings and related descriptions, there is no intent to limit the scope to the embodiments disclosed herein. On the contrary, the intent is to cover all alternatives, modifications and equivalents. In alternate embodiments, additional devices, or combinations of illustrated devices, may be added to, or combined, without limiting the scope to the embodiments disclosed herein.

[0040] Fig. 1 schematically illustrates a system 100 in which respective entities 110A-B interact with one another and with blockchain nodes 400A-K (mining rigs or similar distributed devices, e.g.) many of which are, at various times, able to implement a transaction 141 or confirm an asset transfer or other occurrence as described below (e.g. by confirmations 142). In some variants a sponsoring entity 110A comprises one or more node management servers 300A that interact with one or more client devices 200A thereof (e.g. via respective instances of linkage 144A). Likewise a service entity 110B comprises one or more node management servers 300B that interact with one or more client devices 200B thereof (e.g. via respective instances of linkage 144B). In some instances (e.g. in response to interactions via linkages 144C-D) the entities 110A-B may cooperate so that updates (e.g. indicia of dispensations, distributed ledger recordations, or other events) to values maintained at (one or more instances of) server 300B are received and so that adequately timely confirmations to those updates can occur in a decentralized fashion.

[0041] A mining rig or other blockchain node, as described herein, is not a general purpose computing device. In a proof-of-work architecture, for example, numerous proof-of-work blockchain nodes 400A-K may validate on-chain recordations (e.g. by correctly identifying which block was added last) so as to maintain or rebuild

consensus. Alternatively or additionally, (proof-of-stake or other) secure blockchain nodes 400 not configured as a mining rig may validate such changes, as further described below. In some instances (e.g. in response to interactions via linkages 144C-D, e.g.) such entities 110A-B may cooperate so that updates (indicia of offers, dispensations, or other events, e.g.) to values maintained at server 300B are received and so that adequately timely confirmations to those updates can occur in a decentralized fashion.

[0042] Fig. 2 illustrates several components of an exemplary client device 200 (like those of devices 200A-B, e.g.). As used herein, a plain reference numeral (like 200, e.g.) may refer generally to a member of a class of items (like client devices, e.g.) exemplified with a hybrid numeral (like 200B, e.g.) and it will be understood that every item identified with a hybrid numeral is also an exemplar of the class. In some embodiments, client device 200 may include many more components than those shown in Fig. 2. However, it is not necessary that all conventional components be shown in order to disclose an illustrative embodiment. As shown in Fig. 2, client device 200 includes a data network interface 206 (for connecting via the Internet or other networks to or within entities 110 of Fig. 1, e.g.).

[0043] Client device 200 may also include one or more instances of processing units 202, memory 204, user inputs 208, and display hardware 212 all interconnected along with the network interface 206 via a bus 216. Memory 204 generally comprises a random access memory (“RAM”), a read only memory (“ROM”), and a permanent mass storage device, such as a disk drive.

[0044] Memory 204 may likewise contain one or more instances of operating systems 210, web browsers 214, and local apps 224. These and other software components may be loaded from a non-transitory computer readable storage medium 218 into memory 204 of the client device 200 using a drive mechanism (not shown) associated with a non-transitory computer readable storage medium 218, such as a floppy disc, tape, DVD/CD-ROM drive, flash card, memory card, or the like. In some embodiments, software components may also be loaded via the network interface 206, rather than via a computer readable storage medium 218. Special-purpose circuitry 222 may, in some variants, include some or all of the event-sequencing logic described below (in a peer-to-peer implementation, e.g.) and one or more security features 260 (a fob or similar security apparatus, e.g.).

[0045] In some contexts security feature 260 may implement or otherwise interact with a removable or other digital wallet 266. Such wallets may (optionally) each include one or more instances of private keys 271, of sensor data 272, of cryptoassets 273, of provenance data 274, or of device-executable code snippets (smart contracts, e.g.) or the like as described below.

[0046] Fig. 3 illustrates several components of an exemplary server (like those of server 300, e.g.). As shown in Fig. 3, server 300 includes a data network interface 306 for connecting via the Internet or other networks (or both) to distributed devices (blockchain nodes 400A-K of Fig. 1, e.g.).

[0047] Server 300 may also include one or more instances of processing units 302, memory 304, user inputs 308, and display hardware 312 all interconnected along with the network interface 306 via a bus 316. Memory 304 generally comprises a

random access memory (“RAM”), a read only memory (“ROM”), and a permanent mass storage device, such as a disk drive.

[0048] Memory 304 may likewise contain an operating system 310, hosted website 320, and aggregation module 326. These and other software components may be loaded from a non-transitory computer readable storage medium 318 into memory 304 of the server 300 using a drive mechanism (not shown) associated with a non-transitory computer readable storage medium 318, such as a floppy disc, tape, DVD/CD-ROM drive, flash card, memory card, or the like. In some embodiments, software components may also be loaded via the network interface 306, rather than via a computer readable storage medium 318. Special-purpose circuitry 322 may, in some variants, include some or all of the event-sequencing logic described below.

[0049] Fig. 4 illustrates several components of an exemplary blockchain node 400. Blockchain node 400 may include one or more instances of processing units 402, memory 404, user inputs 408, and display hardware 412 all interconnected along with the network interface 406 via a bus 416. Memory 404 generally comprises a random access memory (“RAM”), a read only memory (“ROM”), and a permanent mass storage node, such as a disk drive.

[0050] Memory 404 may likewise contain one or more instances of operating systems 410, web browsers 414, and local apps 424. These and other software components may be loaded from a non-transitory computer readable storage medium 418 into memory 404 of the blockchain node 400 using a drive mechanism (not shown) associated with a non-transitory computer readable storage medium 418, such as a floppy disc, tape, DVD/CD-ROM drive, flash card, memory card, or the like. In some

embodiments, software components may also be loaded via the network interface 406, rather than via a computer readable storage medium 418. Special-purpose circuitry 422 may, in some variants, include some or all of the event-sequencing logic described below (e.g. in a peer-to-peer implementation) and one or more security features 460 (e.g. including one or more instances of alphanumeric user data, cryptographic security keys 471, or blocks 475 as described below). In some embodiments (an instance of) a blockchain node 400 may include many more components than those shown in Fig. 4, but it is not necessary that all conventional components be shown in order to disclose an illustrative embodiment.

[0051] Fig. 5 depicts one or more nonvolatile data storage media 500 configured to handle various data objects. These may include one or more instances of resource identification parameters 510 by which a party who performs one or more tasksets or an affiliate (campaign sponsor, e.g.) may specify one or more acceptable resources (as an individual item or category of items, e.g.) suitable for use as an incentive. In some instances such resources may be granular (generally requiring many days of labor or an equivalent expenditure to earn, e.g.). Such parameters may (optionally) include one or more instances of goods identification parameters 511, of geographic parameters 512, or of online resource parameters 513. Online resources may include a computing resource (processing capacity or access privileges, e.g.) or a cryptoasset (in denominations of “Bitcoins” or “Tokens,” e.g.), for example. Medium 500 may also include one or more ruleset sequences 542 or other tasksets 541A-B specified with relation to one or more instances of timelines 545, of waypoints 546, or of other task completion terms 547 (all specified by a sponsoring entity 110A when defining a

campaign, e.g.). Medium 500 may also include one or more instances of eligibilities 551, of balances 552, or of other (aspects or components of) notifications 550. Medium 500 may also include one or more instances of reserves 561, of valuations 562, or of other (aspects or components of) records 560. Medium 500 may also include one or more instances of thresholds 571, of transfer/conversion rates 572, or of other (aspects or components of) dispensations 570.

[0052] Fig. 6 depicts physical forms or other suitability indicia 600 that demonstrate an ability or inclination of a party to perform a task well and reliably. Such indicia may include one or more instances of licenses 671 or certification 672 (granted by a government within a jurisdiction for a limited period, e.g.); of ratings 673 (by peers, e.g.); of fulfillments 674 (of successful in-app transactions, e.g.); of other proficiencies (in multiple languages, e.g.); or of other such personal attributes 670 (awards or other accolades, e.g.) signifying suitability for facilitating a taskset completion. Such indicia may likewise include one or more instances of dispensers 681 (or other devices configured to monitor apparent health regimen compliance, e.g.); of testing systems 682 (or other specialty equipment able to perform scientific tasksets; of types 683 (of other specialty equipment, e.g.); of capacities 683 (indicative of surplus capacity at a facility at which tasksets are performed, e.g.); of branding 685 (trademarks or other indicia of corporate affiliation, e.g.); of equipment age 686; or of other such equipment attributes 680. Other such indicia may (optionally) designate one or more locations 691 (identified by a ZIP code, GPS coordinates, or service areas, e.g.) or supplies 692 available for performing the tasksets.

[0053] Fig. 7 depicts a list 700 of records 740A-F each describing a taskset 541. Each record may include one or more instances of an alphanumeric taskset identifier 741, a taskset description 742, a taskset type 744, a task completion incentive 745 expressed as units of in-app currency, and a completion status 746. In the records 740 depicted, for example, a taskset type 744 of “2” signifies an online taskset and a taskset type 744 of “6” signifies an offline taskset. Each record may also include one or more prerequisite taskset identifiers 747 that each identify a taskset 541 the completion of which unlocks the described taskset. Record 740D signals a “LIST” of prerequisite tasksets (implemented as a hyperlink to the prerequisite taskset list, e.g.) for use when a taskset sequence 542 requires or allows more than one mode of unlocking the subject taskset. The list 700 for record 740D, for example, may include record 740B or record 740C (or both), as configured by a sponsoring entity 110A.

[0054] Referring now to Fig. 5 in conjunction with Fig. 7, in some variants at least one task of a first taskset 541A is substantively related to at least one task of another taskset in the same sequence 542 (a) by virtue of the one task featuring a presentation of preparatory content that mentions a description 742 of a subsequent taskset, (b) by virtue of the one task being a test for ensuring competence in performing at least part of the second taskset, (c) by virtue of a latter task being a confirmation of the first task, (d) by virtue of a latter task being a broadcast of evidence of a completion of the first task, or (e) more than one of the above. In light of the present disclosure those skilled in the art will understand from context what is meant by “substantively related.” As such this term will not be construed to include arbitrary associations (of tasksets, e.g.) merely by

virtue of having been provided by an entity 110A in common, having similar incentivization, using similar phrases, or other such incidental commonalities.

[0055] Various distributions of related data objects are likewise contemplated. Fig. 8 depicts a system 800 in which three client devices 200C-E) are located in a geographic region 805 (a city or ZIP code, e.g.). Client device 200C is a mobile device in use by a participant 20A seeking to sell his vehicle 895. Client device 200E is a kiosk in use by a participant 20B seeking freelance work as a mechanic. As shown, client device 200E has a display 812 (i.e. an instance of display hardware 212), a camera 891, and a dispenser 893 configured to print out tickets 894 as further described below.

[0056] In one scenario a first participant 20B may be notified of an opportunity (previously defined sponsored by participant 20A, e.g.) to earn and receive a first incentive 745 (of 60 units of in-app currency, e.g.) by completing a first taskset (having a taskset description 742 of “VIEW SERVICE TUTORIAL A37” as shown in record 740C, e.g.). This can occur, for example, in a context in which participant 20A wants a “PROVIDE A VEHICLE EVALUATION” performed by which potential buyers can be assured that the vehicle 895 has no discoverable latent flaws; in which such assurance will not result unless the service provider has and demonstrates appropriate credentials 838A (appropriate state licensure and an online rating, e.g.); in which the first incentive 745 is large enough to attract potential service providers 20B to overcome these barriers to entry (acquiring skills and building an online presence, e.g.); and in which potential service providers 20B would not otherwise bother to participate on a broad enough scale to justify such infrastructure (systems and methods as described below, e.g.). To assist in establishing such infrastructure, various client devices 200 may

(optionally) be associated with one or more instances of account identifiers 831A-C (identifying a participant 20 using the device, e.g.); device identifiers 831A-C; accounts 833A-B (implementing a digital wallet 266 or similar mechanism to implement resource ownership, e.g.); balances 834 (of in-app currency, e.g.); messages 835A-C (providing notification as described herein, e.g.); prices 836A-B (as an incentive or other valuation described herein, e.g.); terms 837A-C (defining timing or location of performance, e.g.); credentials 838A-C (demonstrating trustworthiness, e.g.); or evaluations 839A-B.

[0057] Fig. 9 depicts a particular scenario and progressive data flow 900 in which one or more networked devices (operably coupled via linkages 144 or via the Internet as shown in Fig. 1, e.g.) interact. After receiving campaign inception parameters (including an incentive ruleset 540 and initial valuation 562, e.g.) from a sponsoring client device 200A operated by affiliate 10, the one or more servers 300 initiate a taskset broadcast 915 to numerous party/member devices 200. A few hours later, one of the devices 200 (operated by participant 20) signals a taskset completion 928A (having reached a waypoint pertaining to one or more tasksets including taskset 541A, e.g.) signaling a reward. Server 300 responds (either to the completion 928A directly or to a crowdsourced verification of such completion from some other nodes 400, e.g.) by transmitting an award notification 945 (of a small increment of in-app currency, e.g.).

[0058] A few more hours later, the device 200 signals a further taskset completion 928B (having reached a subsequent waypoint unlocked by having completed taskset 541A, e.g.). Upon detecting that a completion of the subsequent taskset 541B qualifies the user of device 200B for an eligibility 551 (by virtue of a balance 552 of in-app currency crossing a threshold 571, e.g.), server 300 responds by

transmitting an eligibility notification 955. In a context in which server 300 has received a dispensation authorization (implicit or explicit), server 300 then acquires or otherwise allocates the resource 970 and implements a resource dispensation 980 (either to the deserving user of device 200B directly or through a cryptoasset or other crowdsourced-verification-type transfer, e.g.).

[0059] Fig. 10 depicts a participant sign up process flow 1000 performed primarily by one or more processing units 202, 302 in response to actions of client device users. At operation 1010 a client device user (participant 20, e.g.) reaches an (app or browser) sign in screen. If a user selects Facebook® 1025 or if a user selects Google®, flow proceeds to operation 1050. Otherwise at operation 1065 the user's email/password are received and flow proceeds to operation 1070.

[0060] At operation 1050 if a social media account already exists then at operation 1055 a login is performed with the account. Otherwise an account is created with the user's account identifier or email address and flow proceeds to operation 1090.

[0061] At operation 1070 if an email account already exists then at operation 1075 a login is performed with the account. Otherwise an account is created with the user's email address and (after email verification at operation 1085 flow proceeds to operation 1090.

[0062] At operation 1090 a phone number verification is performed 1090 and at operation 1095 a profile is created, allowing the user to select a nickname.

[0063] Fig. 11 depicts an incentive earning flow 1100 performed primarily by one or more processing units 202, 302 in response to actions of client device users. At operation 1125 a taskset selection (manifested as a taskset identifier 741, e.g.) is

received from a client device 200 that has displayed a taskset list 700 (via which participant 20 signaled the taskset selection, e.g.). In response at operation 1135, an offer landing page is displayed via the client device 200, signaling a commencement of the user's performance of the selected taskset at operation 1150. Upon completion or in completion of the taskset at operation 1160, a proof of completion (corroboration, e.g.) is received such as by a completion registration being received from an affiliate portal at operation 1175.

[0064] Fig. 12 depicts another incentive earning flow 1200 performed primarily by one or more processing units 202, 302 in response to actions of client device users. At operation 1215 an activation of a user control or other triggering event (a click on a play button, e.g.) is detected. If at operation 1220 a user (participant 20, e.g.) is deemed ineligible to receive compensation for a taskset that includes watching an advertisement (based on user age or a history of prior online actions, e.g.), an error message is shown 1225 and flow 1200 concludes. Otherwise at operation 1230 a suitable video is selected (from an ad inventory, e.g.) and at operation 1235 it is displayed.

[0065] If at operation 1240 one or more video requirements (watching enough of the video as defined by a sponsoring entity 110A, e.g.) are not met then the video is resumed at operation 1245 until the one or more requirements are met (or an abort event is detected).

[0066] If the one or more requirements are met at operation 1240, the user is prompted to answer one or more verification questions at operation 1255. If an insufficient number or fraction of answers are deemed incorrect at operation 1260, an error message is shown at operation 1265 and flow 1200 concludes. Otherwise at

operation 1270 the incentive 745 is awarded and at operation 1280 a claims screen is presented (confirming the award and presenting, if appropriate, any dispensation eligibilities or just-unlocked tasksets, e.g.).

[0067] Fig. 13 depicts a dispensation flow 1300 performed primarily by one or more processing units 202, 302 in response to actions of client device users. At operation 1305 a dispensation type selection is received. For example such selection can include (as a component of participant sign up process flow 1000, e.g.) a designation of one or more user-preferred physical goods, one or more online resources (cryptocurrencies, e.g.), prize valuation parameters (a minimum and maximum signaling a range of suitable valuations, e.g.), or combinations of such parameters upon which subsequent eligibility notifications 955 will be based.

[0068] A dispensation request for one or more selected prizes is received at operation 1330 and a determination is made at operation 1340 whether enough in-app currency is available to implement the dispensation. If not, at operation 1345 an error message is shown. Otherwise a determination is made at operation 1350 whether the recipient (participant 20 using a computing device 200, e.g.) is ready to receive the dispensation (i.e. whether any required preparations are not yet complete). If not then at operation 1355 any incomplete tasks required for the dispensation are facilitated (by prompting for a registration of a digital wallet in preparation to receive an initial denomination of a cryptoasset, e.g.) and operation 1350 is repeated.

[0069] Once a determination is made that required preparations are complete and the dispensation can occur, at operation 1360 the user is prompted to confirm the dispensation. If the confirmation is not provided, at operation 1370 control is returned to

the claims screen (confirming an award of in-app currency or repeating operation 1305, e.g.). Otherwise the balance is adjusted at 1375 (adjusting a balance 834 of the client device 200, e.g.) to reflect the dispensation at operation 1375 and the dispensation is logged at operation 1380. Moreover where appropriate the order is confirmed at operation 1390 and a suitable advertisement is shown 1395 via the client device (promoting a next taskset of possible interest to the user, e.g.).

[0070] Fig. 14 depicts an affiliate enlistment flow 1400 performed primarily by one or more processing units 202, 302 in response to actions of client device users (affiliates 10, e.g.). At operation 1425 an account is created on an affiliate site. At operation 1435 affiliate account manager training materials are provided or otherwise facilitated. At operation 1445 affiliate onboarding is conducted. At operation 1465 one or more Universal Record Locator (URL) hoods and macros are verified. At operation 1475 one or more operating parameters (campaign valuations and taskset definitions, e.g.) are received. At operation 1485 affiliate offers (manifested as records 740, e.g.) are added to taskset incentive lists.

[0071] Fig. 15 depicts an offer addition flow 1500 performed primarily by one or more processing units 202, 302 in response to actions of client device users (affiliates 10 or other participants 20 who sponsor taskset completions, e.g.). At operation 1510 offer eligibilities (if any) are defined for each taskset 541. At operation 1520 tracking URL’s are (configured and) tested. And at operation 1530 one or more offers with metadata (defining taskset parameters and relationships, e.g.) are added (via an admin dashboard, e.g.).

[0072] Fig. 16 depicts special-purpose transistor-based circuitry 1600—optionally implemented as an Application-Specific Integrated Circuit (ASIC) or in a UI governance server, e.g.—in which some or all of the functional modules described below may be implemented. Transistor-based circuitry 1600 is an event-sequencing structure generally as described in U.S. Pat. Pub. No. 20150094046 but configured as described herein. Transistor-based circuitry 1600 includes one or more instances of notification modules 1631, for example, each including an electrical node set 1641 upon which informational data is represented digitally as a corresponding voltage configuration 1651.

[0073] In the interest of concision and according to standard usage in information management technologies, the functional attributes of modules described herein are set forth in natural language expressions. It will be understood by those skilled in the art that such expressions (functions or acts recited in English, e.g.) adequately describe structures identified below so that no undue experimentation will be required for their implementation. For example, any records or other informational data identified herein may easily be represented digitally as a voltage configuration on one or more electrical nodes (conductive pads of an integrated circuit, e.g.) of an event-sequencing structure without any undue experimentation. Each electrical node is highly conductive, having a corresponding nominal voltage level that is spatially uniform generally throughout the node (within a device or local system as described herein, e.g.) at relevant times (at clock transitions, e.g.). Such nodes (lines on an integrated circuit or circuit board, e.g.) may each comprise a forked or other signal path adjacent one or more transistors. Moreover many Boolean values (yes-or-no decisions, e.g.) may each be manifested as

either a “low” or “high” voltage, for example, according to a complementary metal-oxide-semiconductor (CMOS), emitter-coupled logic (ECL), or other common semiconductor configuration protocol. In some contexts, for example, one skilled in the art will recognize an “electrical node set” as used herein in reference to one or more electrically conductive nodes upon which a voltage configuration (of one voltage at each node, for example, with each voltage characterized as either high or low) manifests a yes/no decision or other digital data.

[0074] Transistor-based circuitry 1600 likewise includes one or more instances of detection modules 1632 each including an electrical node set 1642 upon which informational data is represented digitally as a corresponding voltage configuration 1652. Transistor-based circuitry 1600 likewise includes one or more instances of notification modules 1633 each including an electrical node set 1643 upon which informational data is represented digitally as a corresponding voltage configuration 1653. Transistor-based circuitry 1600 likewise includes one or more instances of notification modules 1634 each including an electrical node set 1644 upon which informational data is represented digitally as a corresponding voltage configuration 1654. Transistor-based circuitry 1600 likewise includes one or more instances of detection modules 1635 each including an electrical node set 1645 upon which informational data is represented digitally as a corresponding voltage configuration 1655. Transistor-based circuitry 1600 likewise includes one or more instances of dispensation modules 1636 each including an electrical node set 1646 upon which informational data is represented digitally as a corresponding voltage configuration 1656. In some variants, as described below in the clauses and claims, such a module

implements such functionality jointly (in conjunction with other modules or processing units 302 described herein, e.g.). Alternatively or additionally, in some variants such modules (or components thereof) may be distributed (so that some are implemented in special-purpose circuitry 322 of respective servers 300, e.g.).

[0075] Fig. 1700 illustrates an operational flow 1700 (implemented in software as a routine executed or coordinated by one or more instances of processing unit 302, e.g.) suitable for use with at least one embodiment, such as may be performed (in some variants) on a server 300 using special-purpose circuitry 322 (via a process flow management service thereof, e.g.). As will be recognized by those having ordinary skill in the art, not all events of information management are illustrated in Fig. 17. Rather, for clarity, only those steps reasonably relevant to describing the tabular data modification aspects of flow 1700 are shown and described. Those having ordinary skill in the art will also recognize the present embodiment is merely one exemplary embodiment and that variations on the present embodiment may be made without departing from the scope of the broader inventive concept set forth in the clauses and claims below.

[0076] Operation 1710 describes notifying a first party of an opportunity to earn a first incentive by completing a first online taskset (a notification module 1631 transmitting a taskset broadcast 915 or otherwise inviting participant 20B to receive an in-app currency or in-kind resource by completing a first online taskset 541, e.g.). This can occur, for example, in a context in which the online taskset includes viewing a tutorial video or passing a quiz (as shown in records 740B-C, e.g.), in which the invitation is expressed (in a broadcast message, e.g.) as a voltage configuration 1651 on an electrical node set 1641 of the notification module 1631, and in which the in-kind

asset is identified by a goods identification parameter 511 or other resource identification parameter 510.

[0077] Operation 1725 describes allowing the first party to earn the first incentive by completing the first online taskset (a detection module 1632 responding to an online reporting of participant 20B having completed the first online taskset 541, e.g.). This can occur, for example, in a context in which the detection module 1632 detects a successful completion of the taskset manifested by one or more correct answers being given (in a timed structured dialog question response implementing operation 1260, e.g.) by participant 20B via client device 200E and in which the successful completion is expressed as a Boolean-valued voltage configuration 1652 on an electrical node set 1642 of the detection module 1632. Alternatively or additionally, such completion may comprise being observed (via camera 891, e.g.) by entity 110A or corroborated via one or more other participant-provided client devices 200C as a component.

[0078] Operation 1740 describes notifying the first party of having received the first incentive in lieu of signaling any immediate eligibility for any in-kind dispensation as a conditional response partly based on the first party having completed the first online taskset and partly based on an aggregated amount that includes the first incentive being smaller than a first threshold (a notification module 1633 informing participant 20B of his account 833A having received 60 units of in-app currency without indicating any non-cash mode of dispensation having become available, e.g.). This can occur, for example, in a context in which the first incentive is merely incremental (insufficient to bring balance 834A above a dispensation threshold 571, e.g.); in which notification module 1633 is configured not to provide such notification except as a conditional,

contemporaneous response to balance 834A becoming large enough to allow a dispensation consistent with one or more preferred types of incentive previously designated as “preferred” by participant 20B, e.g.); in which the first incentive of (the present instance of) operation 1740 does not trigger any new dispensation eligibilities (of which participant 20B has yet to be notified, e.g.), and in which the comparison result of “being smaller” is expressed as a voltage configuration 1653 on an electrical node set 1643 of the notification module 1633.

[0079] Operation 1750 describes notifying the first party of an opportunity to earn a second incentive by completing a first offline taskset (a notification module 1634 inviting participant 20B to take advantage of a now-unlocked opportunity to earn an additional amount of in-app currency by completing a now-unlocked offline taskset 541, e.g.). This can occur, for example, in a context in which the now-unlocked offline taskset includes a taskset with a description 742 of “PROVIDE A VEHICLE EVALUATION,” in which the invitation is expressed as a voltage configuration 1654 on an electrical node set 1644 of the notification module 1634, in which the first offline taskset builds upon the first online taskset as a succession of waypoints (an instance of sequence 542 such that one of the prerequisite tasksets 541A precedes at least one of the now-unlocked offline tasksets 541B and directly or otherwise causes the latter to become unlocked, e.g.), and in which appropriately skilled parties could not otherwise be found promptly (when needed) within a remote region 805. In some variants, for example, a record 740D that defines the first offline taskset specifies one or more prerequisite tasksets 747 that include the “first” online taskset. In some such contexts, operation 1750 can allow qualified contractors (reliably impartial expert service providers, e.g.) in a region 805 to

be recruited or developed from afar (by an overseas participant 20 wanting to buy a reliable vehicle 895 “sight unseen” on behalf of a participant 20C who is his sister, e.g.) while incurring near-zero transportation and training costs.

[0080] Operation 1760 describes allowing the first party to earn the second incentive by completing the first offline taskset (a detection module 1635 determining that participant 20B is eligible for and has earned the second incentive and thereby become eligible to receive an in-kind dispensation 570 that he wanted, e.g.). This can occur, for example, in a context in which participant 20B has previously identified a class of dispensations that include the in-kind dispensation 570; in which the in-kind dispensation 570 is now affordable (at least partly) because the first and second incentives 745 are together at least equal to the first threshold 571 (as well as any in-app currency transaction costs incurred by the dispensation); in which notification module 1634 has notified participant 20B as a conditional response to the eligibility for the in-kind dispensation 570; in which the comparison result is expressed as a voltage configuration 1655 on an electrical node set 1645 of the notification module 1635; in which the in-kind dispensation occurs as a component of a batch data distribution as described below; and in which cost-effective business data security (record retention, e.g.) assured by the distribution might otherwise be vulnerable to falsification or private data leaks. In some variants, for example, the first online taskset may primarily include one or more training tasks (educational videos or successful demonstration of skills acquired online, e.g.). Alternatively or additionally, the first offline taskset may primarily include one or more skilled-labor tasks (i.e. non-routine physical or mental job functions requiring specialized know-how, training, experience, or certification) substantively

associated with the one or more training tasks (using skills acquired, enhanced, or verified during the first online taskset, e.g.).

[0081] Operation 1775 describes implementing the in-kind dispensation associated with the aggregated amount that includes the first and second incentives as a conditional response to a dispensation request from the first party (a dispensation module 1636 triggering the in-kind dispensation associated with the aggregated amount that includes at least the first and second incentives as a conditional response to a dispensation request from participant 20B, e.g.). This can occur, for example, in a context in which a final authorization is solicited and received from participant 20B shortly before the in-kind dispensation; in which the in-kind dispensation includes one or more tokens or other modes (memberships, instances, or hours of access, e.g.) of accessing an online resource; in which current cost or availability of the item(s) to be dispensed is thereafter confirmed; and in which a mode of compensation that specifies a form or destination of dispensation is expressed as a voltage configuration 1656 on an electrical node set 1646 of the dispensation module 1636. In some contexts, for example, dispensation module 1636 may perform operation 1775 by dispensing one or more tickets 894 (for admission or redemption as a component of the in-kind dispensation, e.g.) to participant 20B via client device 200E.

[0082] Fig. 18 illustrates an operational flow 1800 in which one or more technologies may be implemented (within or in conjunction with special-purpose circuitry 322, e.g.). Operation 1820 describes associating a campaign reserve 561 of in-app currency with a campaign sponsor (entity 110A, e.g.), wherein the campaign reserve has an initial valuation 562. Operation 1830 describes obtaining an incentive

ruleset 540 from the campaign sponsor specifying how the in-app currency can be earned from the campaign reserve by performing one or more incentive-eligible tasksets 541 (according to a timeline 545 and other required terms 547, e.g.).

[0083] Operation 1845 describes notifying a population (of members or other participants, e.g.) that they can earn a resource (identifying a target cryptoasset, e.g.) by performing the incentive-eligible tasksets 541 according to the sponsor's incentive ruleset 540 without promising them how much of the commodity they can earn by performing tasksets according to the sponsor's incentive ruleset. Operation 1855 describes establishing one or more payout or exchange rates 572 (between the in-app currency and the commodity, e.g.) at least partly based upon the initial valuation 562 after one or more participants of the population have earned respective allocations of the in-app currency from the campaign reserve by performing at least some of the incentive-eligible tasksets 541 according to the sponsor's incentive ruleset 540.

[0084] Operation 1870 describes transferring commodity dispensations respectively to members of the population by implementing the first exchange rate from the in-app currency to the commodity (in response to a request or other authorization, e.g.). This may occur, for example, in a context in which a utility token or cryptocurrency denomination is provided as an incentive and in which no systematic payout in a particular target commodity would otherwise be feasible (because of the small values earned in each of the tasksets 541A-B, e.g.). Among gamers, philanthropists, or other enthusiastic user communities, for example, such dispensations (of smart contract execution tokens or other blockchain data, e.g.) may provide a cost-effective

incentivization even without quantifying how much of the commodity can be earned by each taskset completion.

[0085] In some variants of the foregoing, as further described below, a task-category-specific reputation level or other qualification may control which participants/users are notified of or otherwise eligible to perform tasksets. Alternatively or additionally, such task-category-specific qualifications (skills, e.g.) may improve as an automatic and conditional response to a successful completion of tasksets (of educational or other training certification, e.g.). In some variants, for example, a taskset thereby unlocked may include one or more freelance product development tasks (crowdsourced QA testing or machine learning facilitation, e.g.) performed via one or more mobile devices 200B-Y.

[0086] Likewise in some variants of the foregoing, as further described below, a task-category-specific qualification of a user may reflect a (predicted or actual) user-specific purchase volume in a product or service category (sportswear, e.g.) related to an advertisement. This can occur, for example, in a context in which the tasksets 541 include allowing the advertisement to be presented via the mobile device 200B or otherwise opting in to the advertisement and in which the advertisement would not otherwise be effective.

[0087] In some variants of the foregoing, as further described below, a task-category-specific reputation level or other qualification may control which parties/users are notified of or otherwise eligible to perform tasksets. Alternatively or additionally, such task-category-specific qualifications (skills, e.g.) may improve as an automatic and conditional response to a successful completion of tasksets (of educational or other

training certification, e.g.). In some variants, for example, a taskset thereby unlocked may include one or more freelance product development tasks (crowdsourced QA testing or machine learning facilitation, e.g.) performed via one or more mobile devices 200B-Y.

[0088] Likewise in some variants of the foregoing, as further described below, a task-category-specific qualification of a user may reflect a (predicted or actual) user-specific purchase volume in a product or service category (sportswear, e.g.) related to an advertisement. This can occur, for example, in a context in which the tasksets 541 include allowing the advertisement to be presented via the mobile device 200B or otherwise opting in to the advertisement and in which the advertisement would not otherwise be effective.

[0089] Fig. 19 depicts one or more nonvolatile data storage media 1900 configured to handle various data objects in which one or more improved technologies may be incorporated. These may include one or more instances of transfer types 1970A-C each corresponding to one or more corresponding modalities 1971A-C. Each such modality as shown may include one or more instances of corresponding thresholds 1972A-C, parameters 1973A-C, and indexes 1975A-C. Each such threshold will be governed by the requirements of a shared platform (protocol and campaign parameters, e.g.) and in some instances by preferences of a sponsoring entity as described herein. Such indexes (describing a complexity or other quantification of a token, e.g.) may, in some variants, include one or more (instances of) frequencies 1976A-C, of energies 1977A-C, of blocksizes 1978A-C, or of urgencies 1979A-C. For a modality 1971 including energy tokens, for example, an appropriate index 1975 may be

expressed in kilowatt hours. For a modality 1971 including computer-related resource tokens (for processing or transmission, e.g.), also, an appropriate index 1975 may be expressed as “high” or “low” urgency 1979 or as a scalar (a rate or a number of bytes, e.g.). , In light of teachings herein those skilled in the art will be able to designate suitable values for all such parameters without any undue experimentation.

[0090] Fig. 20 depicts a particular scenario and progressive data flow 2000 in which one or more client devices 200 and servers 300 (operably coupled via linkages 154 or via the Internet as shown in Fig. 1, e.g.) interact. Additional participants 2020 perform tasksets as described above using additional (instances of) client devices 200 initially to receive registrations 2010 (upon initial engagement, e.g.) and send permissions 2016 that govern later participation. In light of the participant base and many other factors, an affiliate 10 sets terms 2014 (of a campaign of tasksets as described herein, e.g.) and server accordingly solicits one or more qualifying participants 2020A (one meeting geographic and other preliminary eligibility criteria set forth in the terms 2014, e.g.). It will be understood that entities who perform tasksets (called “participants” herein) each have one or more client devices 200 with a digital wallet (as a removable security feature 260, e.g.) or other special purpose circuitry 222 described herein.

[0091] A new participant 2020A joins established participants 2020B-C and receives and acts upon a taskset definition 2018 (including an alphanumeric taskset description 742 and other parameters exemplified in records 740A-F of Fig. 7, e.g.). Participant 2020A thereafter reports a corresponding taskset completion 2028A. Server 300 responds with an off-chain acknowledgment 2032 (optionally as an instance of

operation 1740, e.g.), one that does not signal any immediate eligibility for any in-kind dispensation (insofar that the aggregated balance 552 that includes the incentive remains below threshold 571, e.g.). After one or more such less-consequential acknowledgements 2032, participant 2020A elects a permission modification 2036 to allow one or more additional/substitute distribution modalities 1971B. After several additional taskset completions 2028B-D are reported to the one or more servers 300, a batch evaluation 2081 determines that an aggregate performance 2080 by one or more participants 2020 is sufficient to warrant an eligibility notification 2055 as an automatic and conditional response to recipient participants 2020A becoming eligible to participate in one or more modalities 1971B of upcoming batch data distributions. In response, many such participants 2020A (in a population of hundreds or more, e.g.) submit a batch transfer request 2080 or otherwise signal a willingness to participate in the upcoming batch data distribution 2082. In some variants, this implements simultaneous transfers 2092 to eligible participants who have signaled such willingness roughly contemporaneously with a report 2075 of such distribution to a sponsoring affiliate 10. In the case of blockchain (miners, e.g.) and similar crowdsource validations, moreover, batch data distribution 2082 may include transfers to numerous block validation devices 2091 (blockchain mining rigs, e.g.). In some variants such transfers may include blockchain content (physical object provenance or other event-indicative records strewn through a series of blocks in which each block includes a cryptographic hash of older data, e.g.). Alternatively or additionally, some such content may include one or more snippets of device-executable code (a smart contract that can later be executed once activated by a suitable cryptoasset, e.g.).

[0092] Fig. 21 depicts a handheld client device 200 in use by a participant. Display hardware 212 presents one or more (instances of) account settings 2161 (having a default value 2162 or participant-set value, e.g.); of user-actionable eligibility notification controls 2163 (for suspending or causing inclusion in a future eligibility notification, e.g.); of preferences 2164; of scores 2165 (for completing a taskset, e.g.); or of user-actionable batch distribution controls 2166 (for suspending or causing inclusion in a batch distribution, e.g.). Such items may be presented to or received from users in relation to any of Figs. 11-15, for example.

[0093] Fig. 22 depicts special-purpose transistor-based circuitry 2200—optionally implemented as an ASIC or in a UI governance server, e.g.—in which some or all of the functional modules described below may be implemented. Transistor-based circuitry 2200 includes one or more instances of arithmetic modules 2231, for example, each including an electrical node set 2241 upon which informational data is represented digitally as a corresponding voltage configuration 2251. Transistor-based circuitry 2200 likewise includes one or more instances of arithmetic modules 2232 each including an electrical node set 2242 upon which informational data is represented digitally as a corresponding voltage configuration 2252. Transistor-based circuitry 2200 likewise includes one or more instances of (conditional) notification modules 2233 each including an electrical node set 2243 upon which informational data is represented digitally as a corresponding voltage configuration 2253. Transistor-based circuitry 2200 likewise includes one or more instances of notification modules 2234 each including an electrical node set 2244 upon which informational data is represented digitally as a corresponding voltage configuration 2254. Transistor-based circuitry 2200 likewise includes one or

more instances of detection modules 2235 each including an electrical node set 2245 upon which informational data is represented digitally as a corresponding voltage configuration 2255. Transistor-based circuitry 2200 likewise includes one or more instances of (conditional) invocation modules 2236 each including an electrical node set 2246 upon which informational data is represented digitally as a corresponding voltage configuration 2256. In some variants, as described below in the clauses and claims, such a module implements such functionality jointly (in conjunction with other modules or processing units 302 described herein, e.g.). Alternatively or additionally, in some variants such modules (or components thereof) may be distributed (so that some are implemented in special-purpose circuitry 322 of respective servers 300, e.g.) or as described above with reference to Fig. 16.

[0094] Fig. 2300 illustrates an operational flow 2300 suitable for use with at least one embodiment, such as may be performed (in some variants) on a server 300 using special-purpose circuitry 322 depicting several participants in various stages (of participant signup process flow 1000, e.g.). As will be recognized by those having ordinary skill in the art, not all events of information management are illustrated in Fig. 23. Rather, for clarity, only those steps reasonably relevant to describing the tabular data modification aspects of flow 2300 are shown and described. Those having ordinary skill in the art will also recognize the present embodiment is merely one exemplary embodiment and that variations on the present embodiment may be made without departing from the scope of the broader inventive concept set forth in the clauses and claims below.

[0095] Operation 2310 describes obtaining an off-chain batch evaluation of an aggregate performance of a first participant that includes first and second tasksets completed by the first participant (one or more arithmetic modules 2231 computing an account balance of an in-app currency based upon task completion incentives 745 earned by the first participant, e.g.). This can occur, for example, in a context in which a first participant 2020A reports several taskset completions 928, 2028 each having an incentive 745 or other performance score 2165 (dependent upon completion speed and other performance or valuation metrics, e.g.).

[0096] Operation 2325 describes obtaining an off-chain batch evaluation of an aggregate performance of a second participant that includes first and second tasksets completed by the second participant (one or more arithmetic modules 2232 updating an account balance of an in-app currency based upon task completion incentives 745 earned by the second participant, e.g.). This can occur, for example, in a context in which second participant 2020B reports several tasksets each associated with one or more instances of email addresses, (anonymous or other) wallet addresses, account numbers, public keys, organization or user names, or other such participant identifiers (or a combination thereof) expressed as a voltage configuration 2252 on node set 2242. Alternatively or additionally, a central aggregation module 326 of server 300 may implement such arithmetic modules 2231, 2232 for each participant that are then downloaded as each participant's current aggregate performance (account balance, e.g.).

[0097] Operation 2340 describes signaling a first eligibility to the first participant as an automatic and conditional response partly based on the first participant signaling

a preference for an on-chain first transfer modality and partly based on the off-chain batch evaluation of the aggregate performance of the first participant exceeding a first threshold associated with the on-chain first transfer modality (one or more conditional notification modules 2233 causing an eligibility notification 2055 referring to the on-chain first transfer modality 1971B defined in a permission modification 2036 to be transmitted, e.g.). This can occur, for example, in a context in which a Boolean voltage configuration 2253 toggles (from low to high voltage, e.g.) to reflect the automatic and conditional response, in which the threshold 1972B being reached is one of the criteria required for the Boolean voltage configuration 2253 to toggle, in which the preference for the on-chain first transfer modality was made on a menu that presents the modality as one option among several transfer modalities, and in which the toggle is manifested by a user-actionable batch distribution control 2163 (with text like “ACCEPT TRANSFER,” e.g.) becoming enabled in association with an upcoming on-chain batch data distribution 2082. In some contexts the eligibility notification 2055 may also be conditioned upon the next scheduled on-chain batch data distribution being not too remote (less than a maximum of 1 to 6 days in the future, e.g.), upon the next scheduled on-chain batch data distribution being not too imminent (at least 2 to 20 minutes in the future, e.g.), or upon other such notification criteria (defined in the preferences 2164 of the first participant or in the terms of the modality 1971B defined by a sponsoring entity 110A, e.g.) are met. Alternatively or additionally, in some variants the terms 2014 of a campaign may require that the eligibility notification 2055 also be conditioned upon the first participant 2020A having a high enough priority (as a function of task volume or queue position, e.g.).

[0098] Operation 2350 describes signaling a first eligibility to the second participant as an automatic and conditional response partly based on the second participant signaling a preference for the on-chain first transfer modality and partly based on the off-chain batch evaluation of the aggregate performance of the second participant exceeding the first threshold (one or more conditional notification modules 2234 causing a transmission manifesting a new eligibility 551 of the second participant 2020B defined in earlier notification permissions 2016 or in a later permission modification 2036, e.g.). This can occur, for example, in a context in which a Boolean voltage configuration 2254 toggles (from high to low voltage, e.g.) to reflect the automatic and conditional response and in which the threshold 1972B being reached is one of the criteria required for the voltage configuration 2254 pertaining to the second participant to toggle. In some contexts the eligibility notification 2055 may also occur only if the next scheduled on-chain batch data distribution is not too imminent or too remote, if the last taskset completion 2028B is of a particular taskset type 744, if the eligibility notification 2055 is appropriate for the time zone of a most recent location of the second participant (as reported by GPS data or an apparent IP address, e.g.), if a next scheduled on-chain batch data distribution is not too imminent or remote, or if other such notification criteria (defined in terms 2014, e.g.) are met. In some contexts, for example, such thresholds 1972 or other criteria may be provided by one or more affiliates 10 in records 740 that define the tasksets to be completed.

[0099] Operation 2360 describes triggering an on-chain batch data distribution to the first and second participants as a conditional response based on the off-chain batch evaluations of the aggregate performances of the first and second participants each

exceeding the first threshold (one or more conditional invocation modules 2236 performing or otherwise causing an on-chain batch data distribution 2082 of blockchain content to multiple participants 2020 including the first and second as a conditional response partly based on the off-chain batch evaluation of the aggregate performance 2080 of each participant participating in the on-chain batch data distribution 2082 exceeding the first threshold 1972B associated with the on-chain first transfer modality 1971B, e.g.). This can occur, for example, in a context in which such participants 2020 have each consented to such notifications, in which each participant has requested to participate in the on-chain batch data distribution 2082 also (by opting in following an eligibility notification 2055, e.g.), and in which transfers from the data distribution system (of blockchain tokens, e.g.) would otherwise suffer more frequent on-chain transfer delays (due to falsified transactions or other problems that delay or prevent a network consensus correctly reflecting data distribution 2082, e.g.) or would not otherwise allow a data distribution to reflect the most favorable transfer modality (in terms of availability or speed, e.g.) for which each participant 2020 qualifies. Alternatively or additionally, some modalities may initially set participant preferences affirmatively for eligibility notifications 2055 and on-chain batch data distributions 2082 but allow participants 2020 to opt out of such eligibility notifications 2055 or such on-chain batch data distribution 2082 (or both). User-actionable eligibility notification control 2163 and user-actionable batch distribution control 2166 may respectively present labels like “OPT OUT OF NOTIFICATION” and “OPT OUT OF DISTRIBUTION” in each eligibility notification 2055, for example, that an opted-in participant receives. If a participant is opted out of distribution, moreover, each eligibility notification 2055 may instead present

a user-actionable batch distribution control 2166 with a label like “OPT INTO DISTRIBUTION.”

[00100] Referring again to Fig. 16, in some variants a notification module 1631 may be configured to notify a first party of an opportunity to earn a first incentive by completing a first taskset (offering participant 20A a bounty of in-app currency for listing his vehicle 895 online). In some variants notification module 1633 can likewise be configured to notify the first party of having received that bounty even without any immediately apparent way to spend it. If such an action unlocks another opportunity to earn an additional amount of in-app currency (by recruiting and engaging a qualified third participant 20B to assure potential buyers that the vehicle 895 is reliable, e.g.), however, in some variants notification module 1634 can likewise be inform him as such. In some contexts, moreover, a taskset that includes actually transferring title to the vehicle 895 may encompass the value of the vehicle, so that the vehicle is effectively bartered or purchased with in-app currency and so that no actual currency is necessarily associated with the transfer.

[00101] In light of teachings herein, numerous existing techniques may be applied for configuring special-purpose circuitry or other structures effective for configuring, broadcasting, and otherwise managing incentives, dispensations, and other tasks as described herein without undue experimentation. See, e.g., U.S. Pat. No. 9967334 (“Computing device configuration and management using a secure decentralized transaction ledger”); U.S. Pat. No. 9747586 (“System and method for issuance of electronic currency substantiated by a reserve of assets”); U.S. Pat. No. 9737813 (“Cognitive training method for semantic skills enhancement”); U.S. Pat. No. 9672499

(“Data analytic and security mechanism for implementing a hot wallet service”); U.S. Pat. No. 9646029 (“Methods and apparatus for a distributed database within a network”); U.S. Pat. No. 9595034 (“System and method for monitoring third party access to a restricted item”); U.S. Pat. No. 9576313 (“Recommendation systems and methods using interest correlation”); U.S. Pat. No. 9569771 (“Method and system for storage and retrieval of blockchain blocks using Galois fields”); U.S. Pat. No. 9569439 (“Context-sensitive query enrichment”); U.S. Pub. No. 20170243239 (“Incentivized navigation”); U.S. Pub. No. 20170132199 (“Unconventional virtual assistant interactions”); U.S. Pub. No. 20160260095 (“Containerized Computational Task Execution Management Using a Secure Distributed Transaction Ledger”); U.S. Pat. Pub. No. 20140214845 (“Product classification into product type families”); U.S. Pub. No. 20140200980 (“System and method for mediating transactions among a plurality of social commerce businesses”); U.S. Pat. Pub. No. 20140172767 (“Budget optimal crowdsourcing”); U.S. Pub. No. 20130346254 (“Project intermediary device and project intermediary method”); U.S. Pub. No. 20130061288 (“Method for controlling trust and confidentiality in daily transactions of the digital environment”); U.S. Pub. No. 20120095908 (“Distributed Computing for Engaging Software Services”); U.S. Pub. No. 20120020476 (“Method for Performing a Cryptographic Task in an Electronic Hardware Component”); U.S. Pat. Pub. No. 20110313933 (“Decision-theoretic control of crowd-sourced workflows”); and U.S. Pub. No. 20100332336 (“System and method for electronic wallet conversion”). Although various operational flows are presented in a sequence(s), it should be understood that the various operations may be performed in other orders than those which are illustrated, or may be performed concurrently.

Examples of such alternate orderings may include overlapping, interleaved, interrupted, reordered, incremental, preparatory, supplemental, simultaneous, reverse, or other variant orderings, unless context dictates otherwise. Furthermore, terms like “responsive to,” “related to,” or other past-tense adjectives are generally not intended to exclude such variants, unless context dictates otherwise.

[00102] While various system, method, article of manufacture, or other embodiments or aspects have been disclosed above, also, other combinations of embodiments or aspects will be apparent to those skilled in the art in view of the above disclosure. The various embodiments and aspects disclosed above are for purposes of illustration and are not intended to be limiting, with the true scope and spirit being indicated in the final claim set that follows.

[00103] In the numbered clauses below, specific combinations of aspects and embodiments are articulated in a shorthand form such that (1) according to respective embodiments, for each instance in which a “component” or other such identifiers appear to be introduced (with “a” or “an,” e.g.) more than once in a given chain of clauses, such designations may either identify the same entity or distinct entities; and (2) what might be called “dependent” clauses below may or may not incorporate, in respective embodiments, the features of “independent” clauses to which they refer or other features described above.

CLAUSES

1. An incentivization system comprising:

transistor-based circuitry (one or more notification modules 1631, e.g.) configured to notify a first taskset participant 20 of an opportunity to earn a first incentive by completing a first taskset 541A;

transistor-based circuitry (one or more detection modules 1632, e.g.) configured to allow the first taskset participant 20 to earn the first incentive by completing the first taskset 541A;

transistor-based circuitry (one or more notification modules 1633, e.g.) configured to notify the first taskset participant 20 of having received the first incentive in lieu of signaling any immediate eligibility for any in-kind dispensation (a share of stock or a cryptoasset, e.g.) as a conditional response partly based on the first taskset participant 20 having completed the first taskset 541A and partly based on an aggregated amount that includes the first incentive being smaller than a first threshold 571;

transistor-based circuitry (one or more notification modules 1634, e.g.) configured to notify the first taskset participant 20 of an opportunity to earn a second incentive by completing a second taskset 541B;

transistor-based circuitry (one or more detection modules 1635, e.g.) configured to allow the first taskset participant 20 to earn the second incentive by completing the second taskset 541B, wherein the first taskset participant 20 is notified of having earned an eligibility to receive an in-kind dispensation associated with an aggregated amount that includes the first and second incentives as an automatic and conditional response

partly based on the first taskset participant 20 having completed the first and second taskset 541 and partly based on the aggregated amount that includes the first and second incentives being at least equal to the first threshold 571 and wherein the second taskset 541B is unlocked to the first taskset participant 20 by the first taskset participant 20 having completed the first taskset 541A; and

transistor-based circuitry (one or more dispensation modules 1636 in conjunction with a dispenser, e.g.) configured to implement the in-kind dispensation associated with the aggregated amount that includes the first and second incentives as a conditional response to a dispensation request from the first taskset participant 20.

2. The system of System Clause 1, wherein the transistor-based circuitry (one or more dispensation modules 1636 in conjunction with dispenser 893, e.g.) configured to implement the in-kind dispensation associated with the aggregated amount that includes the first and second incentives as a conditional response to a dispensation request from the first taskset participant 20 comprises:

one or more dispensation modules 1636 in conjunction with a dispenser 893, wherein the dispenser is configured to expel the in-kind dispensation as a physical article (a ticket, e.g.).

3. The system of System Clause 1, wherein the transistor-based circuitry (one or more dispensation modules 1636 in conjunction with dispenser 893, e.g.) configured to implement the in-kind dispensation associated with the aggregated amount that includes the first and second incentives as a conditional response to a dispensation request from the first taskset participant 20 comprises:

one or more dispensation modules 1636 in conjunction with a dispenser 893.

4. The system of System Clause 1, wherein all of the above-described modules of transistor-based circuitry 1600 are implemented on a single application-specific integrated circuit (ASIC).

5. The system of System Clause 1, wherein the transistor-based circuitry 1600, 2200 is distributed across two or more mutually remote facilities.

6. The system of System Clause 1, wherein at least one task of the first taskset 541A is substantively related to at least one task of the second taskset.

7. The system of ANY of the above system clauses, wherein at least a first task of the first taskset 541A is substantively related to at least a second task of the second taskset by virtue of the first task being a special-purpose training exercise tailored to the second task.

8. The system of ANY of the above system clauses, wherein at least a first task of the first taskset 541A is substantively related to at least a second task of the second taskset by virtue of the first task being a test for competence in performing the second task.

9. The system of ANY of the above system clauses, wherein at least a first task of the first taskset 541A is substantively related to at least a second task of the second taskset by virtue of the second task being a monitoring or other subsequent confirmation of the first task.

10. The system of ANY of the above system clauses, wherein at least a first task of the first taskset 541A is substantively related to at least a second task of the second taskset by virtue of the second task being a broadcast of an evaluation or other evidence of a completion of the first task.

11. The system of ANY of the above clauses, further comprising:

transistor-based circuitry configured to obtain an off-list batch evaluation 2081 of an aggregate performance 2080 (a task completion count or other sum of taskset-performance-indicative scores 2165, e.g.) of a first taskset participant 20 that includes (at least) first and second tasksets (defined in one or more taskset broadcasts 915 or otherwise by taskset definitions 2018, e.g.) completed by the first taskset participant (as described above with reference to operation 2310, e.g.), wherein the off-list batch evaluations 2081 and the on-list batch data distribution 2082 both reduce a vulnerability of the data distribution system to one or more on-list transfer failures (recurrent or other systematic attacks or other phenomena that delay or prevent a network consensus correctly reflecting the data distribution 2082, e.g.) and thereby constitute a network improvement (i.e. in relation to an existing state of the art).

12. The system of ANY of the above clauses, wherein the transistor-based circuitry 1600, 2200 is also configured to perform one or more methods described below.

13. A method of operating a data distribution system (using one or more data distribution servers 300, e.g.), the method comprising:

invoking transistor-based circuitry configured to obtain an off-list batch evaluation 2081 of an aggregate performance 2080 (a task completion count or other sum of taskset-performance-indicative scores 2165, e.g.) of a first taskset participant 2020A that includes (at least) first and second tasksets (defined in one or more taskset broadcasts 915 or otherwise by taskset definitions 2018, e.g.) completed by the first taskset participant 2020A (as described above with reference to operation 2310, e.g.);

invoking transistor-based circuitry configured to obtain an off-list batch evaluation 2081 of an aggregate performance 2080 of a second taskset participant 2020A that includes (at least) first and second tasksets completed by the second taskset participant 2020B (as described above with reference to operation 2325, e.g.);

invoking transistor-based circuitry configured to signal a first eligibility 551 to the first taskset participant 2020A (via an eligibility notification 955, 2055, e.g.) as an automatic and conditional response partly based on the first taskset participant signaling a preference for an on-list first transfer modality 1971B (having a blocksize 1978B smaller than a blocksize 1978A of the less-favored modality 1971A, e.g. – or a greater frequency 1976B than a frequency 1976A of the less-favored modality 1971A) over one or more other transfer modalities 1972A (having a standard blocksize 1978A or frequency 1976A (or both), e.g.) and partly based on the off-list batch evaluation 2081 of the aggregate performance 2080 of the first taskset participant (batch evaluation 2081, e.g.) exceeding a first threshold 1972B associated with the on-list first transfer modality 1971B (as described above with reference to operation 2340, e.g.);

invoking transistor-based circuitry configured to signal a first eligibility 551 to the second taskset participant 2020B (by conditionally presenting or enabling a user-actionable eligibility notification control 2163 so as to signify the second taskset participant 2020B receiving a new eligibility, e.g.) an automatic and conditional response partly based on the second taskset participant 2020B signaling (having earlier signaled with permissions 2016 given upon registration 2010, e.g.) a preference 2164 for the on-list first transfer modality 1971B over one or more other transfer modalities 1972A, 1972C (in the initial permissions 2016 or in a permission modification 2036, e.g.)

and partly based on the off-list batch evaluation 2081 of the aggregate performance 2080 of the first taskset participant (batch evaluation 2081, e.g.) exceeding the first threshold 1972B associated with the on-list first transfer modality (as described above with reference to operation 2350, e.g.); and

invoking transistor-based circuitry configured to trigger an on-list batch data distribution 2082 to (a digital wallet 266 or other physical asset comprising) the first and second taskset participants 2020A-B as a conditional response partly based on the off-list batch evaluation of the aggregate performance of the first and second taskset participants each exceeding the first threshold associated with the on-list first transfer modality and partly based on the first and second taskset participants 2020A-B both having consented to participate in the on-list batch data distribution 2082 (as described above with reference to operation 2360, e.g.).

14. The method of Clause 13, comprising:

initially setting preferences 2164 affirmatively (upon an initial registration 2010 or a selection of modality 1971A-C, e.g.) for eligibility notifications 2055 of the first and second taskset participants 2020 respectively.

15. The method of Clause 13, comprising:

initially setting preferences 2164 negatively (so as not to authorize the taskset participant’s inclusion, e.g.) for components of the on-list batch data distributions 2082 of the first and second taskset participants 2020 respectively.

16. The method of Clause 13, comprising:

initially setting preferences 2164 affirmatively for eligibility notifications 2055 but not for components of the on-list batch data distributions 2082 of the first and second taskset participants 2020A-B respectively; and

allowing the first and second taskset participants 2020 each to opt out of such eligibility notifications 2055.

17. The method of Clause 13, comprising:

initially setting preferences 2164 affirmatively for eligibility notifications 2055 but not for components of the on-list batch data distributions 2082 of the first and second taskset participants 2020A-C respectively; and

allowing the first and second taskset participants 2020 each to opt out of such eligibility notifications 2055 by invoking a user-actionable eligibility notification control 2163 configured to stop a delivery of future eligibility notifications 2055 later occurring by default, wherein the user-actionable eligibility notification control 2163 was delivered to the taskset participants as a component of one of the eligibility notifications 2055.

18. The method of Clause 13, comprising:

initially setting preferences 2164 affirmatively for eligibility notifications 2055 but not for components of the on-list batch data distributions 2082 of the first and second taskset participants 2020A-B respectively; and

allowing the first and second taskset participants 2020 each to opt into an on-list batch data distribution 2082.

19. The method of Clause 13, comprising:

initially setting preferences 2164 affirmatively for eligibility notifications 2055 but not for components of the on-list batch data distributions 2082 of the first and second taskset participants 2020 respectively; and

allowing the first and second taskset participants 2020 each to opt into the on-list batch data distribution 2082 by invoking a user-actionable batch distribution control 2166 configured to stop a delivery of on-list batch data distributions 2082 later occurring by default, wherein the user-actionable batch distribution control 2166 was delivered to the taskset participants as a component of one of the eligibility notifications 2055.

20. The method of Clause 13, wherein the on-list batch data distribution 2082 also includes a transmission to a third taskset participant 2020C; and wherein the conditional response is also partly based on all of the taskset participants each having opted into the on-list batch data distribution 2082 after receiving an eligibility notification 955, 2055 announcing the first eligibility 551 and before the on-list batch data distribution 2082 is triggered.

21. The method of ANY of the above method clauses, wherein the on-chain batch data distribution at least to the first and second taskset participants includes a transmission to a mining rig.

22. The method of ANY of the above method clauses, wherein the on-list batch data distribution 2082 (if applicable) also includes a transmission to a third taskset participant 2020C; wherein the conditional response is also partly based on all of the taskset participants each having opted into the on-list batch data distribution 2082 after receiving an eligibility notification 955, 2055 announcing the first eligibility 551 and before the on-list batch data distribution 2082 is triggered; and wherein the eligibility

notification 955, 2055 announcing the first eligibility 551 presents a first user-actionable batch distribution control 2166 (touchscreen button or menu option, e.g.).

23. The method of ANY of the above method clauses, wherein the on-chain batch data distribution includes at least one in-kind dispensation.

24. The method of ANY of the above method clauses, further comprising:

configuring the eligibility notification 955, 2055 at least partly based upon a dispensation type selection identifying one or more in-kind online resources.

25. The method of ANY of the above method clauses, further comprising:

configuring the eligibility notification 955, 2055 at least partly upon a dispensation type selection identifying a range of prize valuations.

26. The method of ANY of the above method clauses, further comprising:

configuring the eligibility notification 955, 2055 at least partly upon a dispensation type selection identifying one or more in-kind online resources including at least one cryptocurrency.

27. The method of ANY of the above method clauses, further comprising:

configuring the eligibility notification 955, 2055 at least partly based upon a dispensation type selection identifying one or more in-kind online resources including at least one cryptocurrency; and

facilitating a registration of a digital wallet 266 in preparation to receive an initial denomination of the at least one cryptocurrency.

28. The method of ANY of the above method clauses, further comprising:

configuring the eligibility notification 955, 2055 at least partly based upon a dispensation type selection identifying one or more taskset participant-preferred physical goods.

29. The method of ANY of the above method clauses, further comprising:

creating the on-list first transfer modality 1971 (at least) in association with both an on-list transfer type 1970 and the first threshold 1972.

30. The method of ANY of the above method clauses, wherein the on-list batch data distribution 2082 includes a transmission to a third taskset participant 2020C as a component of the conditional response; and wherein the conditional response is also partly based on the first, second and third taskset participants each having opted into the on-list batch data distribution 2082 after receiving an eligibility notification 955, 2055 announcing the on-list batch data distribution 2082 and before the on-list batch data distribution 2082 is triggered.

31. The method of ANY of the above method clauses, wherein the on-list batch data distribution 2082 includes a transmission to a third taskset participant 2020C as a component of the conditional response; wherein the conditional response is also partly based on the first, second and third taskset participants each having opted into the on-list batch data distribution 2082 after receiving an eligibility notification 955, 2055 announcing the on-list batch data distribution 2082 and before the on-list batch data distribution 2082 is triggered; and wherein the eligibility notification 955, 2055 presents the first threshold 1972B associated with the on-list first transfer modality 1970B as a default scalar quantity (as an urgency 1979 or other user-adjustable parameter 1973B, e.g.).

32. The method of ANY of the above method clauses, wherein the on-list batch data distribution 2082 includes a transmission to a third taskset participant 2020C as a component of the conditional response; wherein the conditional response is also partly based on the first, second and third taskset participants each having opted into the on-list batch data distribution 2082 after receiving an eligibility notification 955, 2055 announcing the on-list batch data distribution 2082 and before the on-list batch data distribution 2082 is triggered; wherein the eligibility notification 955, 2055 presents the first threshold 1972B associated with the on-list first transfer modality 1970B as a default scalar quantity (as an urgency 1979 or other user-adjustable parameter 1973B, e.g.); and wherein the first taskset participant 2020A accepts the default scalar quantity and the second taskset participant 2020B replaces the default scalar quantity with a larger value (up to the off-list batch evaluation 2081 of the aggregate performance 2080 of the second taskset participant 2020C, e.g.).

33. The method of ANY of the above method clauses, wherein the on-list batch data distribution 2082 includes a transmission to a third taskset participant 2020C as a component of the conditional response; wherein the conditional response is also partly based on the first, second and third taskset participants each having opted into the on-list batch data distribution 2082 after receiving an eligibility notification 955, 2055 announcing the on-list batch data distribution 2082 and before the on-list batch data distribution 2082 is triggered; wherein the eligibility notification 955, 2055 presents the first threshold 1972B associated with the on-list first transfer modality 1970B as a default scalar quantity (as an urgency 1979 or other user-adjustable parameter 1973B, e.g.); wherein the first taskset participant 2020A accepts the default scalar quantity and

the second taskset participant 2020B replaces the default scalar quantity with a larger value (up to the off-list batch evaluation 2081 of the aggregate performance 2080 of the second taskset participant 2020C, e.g.); and wherein the batch data distribution 2082 to the first and second taskset participants is performed using the default scalar quantity and the larger value respectively.

34. The method of ANY of the above method clauses, wherein the on-list batch data distribution 2082 includes a transmission to a third taskset participant 2020C as a component of the conditional response; and wherein the conditional response is also partly based on the first, second and third taskset participants each having opted into the on-list batch data distribution 2082 after receiving an eligibility notification 955, 2055 announcing the on-list batch data distribution 2082 and before the on-list batch data distribution 2082 is triggered.

35. The method of ANY of the above method clauses, wherein the on-list batch data distribution 2082 includes a transmission to a third taskset participant 2020C as a component of the conditional response and wherein the conditional response is partly based on the off-list batch evaluations of the aggregate performances 2080 of the first and second taskset participants 2020A-B each exceeding the first threshold associated with the on-list first transfer modality and partly based on an off-list batch evaluation 2080 of an aggregate performance of the third taskset participant also exceeding the first threshold associated with the on-list first transfer modality.

36. The method of ANY of the above method clauses, wherein the on-list batch data distribution 2082 includes a transmission to a third taskset participant 2020C as a component of the conditional response; wherein the conditional response is partly

based on the off-list batch evaluations of the aggregate performances 2080 of the first and second taskset participants 2020A-B each exceeding the first threshold associated with the on-list first transfer modality and partly based on an off-list batch evaluation 2080 of an aggregate performance of the third taskset participant also exceeding the first threshold associated with the on-list first transfer modality; and wherein the first, second and third taskset participants have all requested to participate in the on-list batch data distribution 2082 but in which the data distribution system is only ever configured to send manually triggered information relating to the on-list first transfer modality 1971B to the third taskset participant.

37. The method of ANY of the above method clauses, wherein the on-list batch data distribution 2082 includes a transmission to one or more block validation devices 2091 (blockchain node 400, e.g.) configured to use a proof-of-stake validation consensus protocol.

38. The method of ANY of the above method clauses, wherein the on-list batch data distribution 2082 includes a transmission to one or more block validation devices (blockchain node 400, e.g.) configured to a proof-of-activity validation consensus protocol.

39. The method of ANY of the above method clauses, wherein the invoking transistor-based circuitry configured to trigger the on-list batch data distribution 2082 to the first and second taskset participants 2020A-B as the conditional response partly based on the off-list batch evaluation of the aggregate performance of the first and second taskset participants each exceeding the first threshold associated with the on-list first transfer modality and partly based on the first and second taskset participants

2020A-B both having consented to participate in the on-list batch data distribution 2082 comprises:

uploading a device-executable batch configuration file to one or more servers 300; and

triggering the on-list batch data distribution 2082 to the first and second taskset participants 2020A-B as the conditional response partly based on the off-list batch evaluation of the aggregate performance of the first and second taskset participants each exceeding the first threshold associated with the on-list first transfer modality and partly based on the first and second taskset participants 2020A-B both having consented to participate in the on-list batch data distribution 2082 by invoking an execution of the batch configuration file.

40. The method of ANY of the above method clauses, wherein the on-list batch data distribution 2082 (if applicable) also includes a transmission to a third taskset participant 2020C; wherein the conditional response is also partly based on all of the taskset participants each having opted into the on-list batch data distribution 2082 after receiving an eligibility notification 955, 2055 announcing the first eligibility 551 and before the on-list batch data distribution 2082 is triggered; wherein the eligibility notification 955, 2055 announcing the first eligibility 551 presents a first user-actionable batch distribution control 2166; and wherein all of the taskset participants each manifest opting into the on-list batch data distribution 2082 by actuating the user-actionable batch distribution control 2166.

41. The method of ANY of the above method clauses, wherein the on-list batch data distribution 2082 also includes a transmission to an additional taskset participant

2020 whose implementation of the on-list first transfer modality 1971B includes a setting 2161 (among taskset participant-configurable preferences, e.g.) having a default value 2162 by which the on-list first transfer modality 1971B is set to include the additional taskset participant 2020 as a recipient in the on-list batch data distribution 2082.

42. The method of ANY of the above method clauses, wherein the on-list batch data distribution 2082 incorporates a modality 1971 (at least partly) based on a directed acyclic graph.

43. The method of ANY of the above method clauses, wherein the on-list batch data distribution 2082 incorporates a blockchain modality 1971 in which proof-of-work timestamping is provided in each block.

44. The method of ANY of the above method clauses, wherein the on-list batch data distribution 2082 incorporates a modality 1971 that implements a distributed ledger.

45. The method of ANY of the above method clauses, wherein the off-list batch evaluations 2081 and the on-list batch data distribution 2082 both reduce a vulnerability of the data distribution system to one or more on-list transfer failures (recurrent or other systematic attacks or other phenomena that delay or prevent a network consensus correctly reflecting the data distribution 2082, e.g.) and thereby constitute a network improvement (i.e. in relation to an existing state of the art).

46. The method of ANY of the above method clauses, wherein the first taskset participant 20 is a taskset participant 2020 who has completed two or more tasksets.

47. A data distribution system comprising:

transistor-based circuitry (one or more arithmetic modules 2231, e.g.) configured to obtain an off-list batch evaluation 2081 of an aggregate performance 2080 (a task completion count or other sum of taskset-performance-indicative scores 2165, e.g.) of a first taskset participant 2020A that includes (at least) first and second tasksets (defined in one or more taskset broadcasts 915 or otherwise by taskset definitions 2018, e.g.) completed by the first taskset participant 2020A;

transistor-based circuitry (one or more arithmetic modules 2232 in conjunction with a receiver, e.g.) configured to obtain an off-list batch evaluation 2081 of an aggregate performance 2080 of a second taskset participant 2020A that includes (at least) first and second tasksets completed by the second taskset participant 2020B;

transistor-based circuitry (one or more conditional notification modules 2233, e.g.) configured to signal a first eligibility 551 to the first taskset participant 2020A (via an eligibility notification 955, 2055, e.g.) as an automatic and conditional response partly based on the first taskset participant signaling a preference for an on-list first transfer modality 1971B (having a blocksize 1978B smaller than a blocksize 1978A of the less-favored modality 1971A, e.g. – or a greater frequency 1976B than a frequency 1976A of the less-favored modality 1971A) over one or more other transfer modalities 1972A (an off-list second transfer modality 1971A, e.g.) and partly based on the off-list batch evaluation 2081 of the aggregate performance 2080 of the first taskset participant (batch evaluation 2081, e.g.) exceeding a first threshold 1972B associated with the on-list first transfer modality 1971B;

transistor-based circuitry (one or more conditional notification modules 2234, e.g.) configured to signal a first eligibility 551 to the second taskset participant 2020B

(by conditionally presenting or enabling a user-actionable eligibility notification control 2163 so as to signify the second taskset participant 2020B receiving a new eligibility, e.g.) an automatic and conditional response partly based on the second taskset participant 2020B signaling (having earlier signaled with permissions 2016 given upon registration 2010, e.g.) a preference 2164 for the on-list first transfer modality 1971B over one or more other transfer modalities 1972A, 1972C (in the initial permissions 2016 or in a permission modification 2036, e.g.) and partly based on the off-list batch evaluation 2081 of the aggregate performance 2080 of the first taskset participant (batch evaluation 2081, e.g.) exceeding the first threshold 1972B associated with the on-list first transfer modality; and

transistor-based circuitry (a detection module 2235 in conjunction with a conditional invocation module 2236, e.g.) configured to trigger an on-list batch data distribution 2082 to (at least) the first and second taskset participants 2020A-B as a conditional response partly based on the off-list batch evaluations of the aggregate performance of the first and second taskset participants each exceeding the first threshold associated with the on-list first transfer modality and partly based on the first and second taskset participants 2020A-B both having consented to participate in the on-list batch data distribution 2082.

48. The system of Clause 47, wherein the transistor-based circuitry configured to trigger an on-list batch data distribution 2082 to the first and second taskset participants 2020A-B as a conditional response partly based on the off-list batch evaluation of the aggregate performance of the first and second taskset participants each exceeding the first threshold associated with the on-list first transfer modality and partly based on the

first and second taskset participants 2020A-B both having consented to participate in the on-list batch data distribution 2082 comprises:

a dispenser 893 of the kiosk, wherein the dispenser is configured to implement (a component of) the on-list batch data distribution 2082 as a physical article, and wherein the physical article is a digital wallet 266.

49. The system of ANY of the above system clauses, further comprising:

a physical article implementing a digital wallet 266 configured as a destination (one of many, e.g.) of the on-list batch data distribution 2082, wherein the digital wallet 266 is configured to contain a private key 271 by which a component of the on-list batch data distribution 2082 may be extracted.

50. The system of ANY of the above system clauses, further comprising:

a physical article implementing a digital wallet 266 configured as a destination of the on-list batch data distribution 2082, wherein the on-list batch data distribution 2082 includes crypto assets 273 that express one or more indexes 1975 (see Fig. 19) and that can later be retrieved by an owner of the digital wallet 266.

51. The system of ANY of the above system clauses, further comprising:

a physical article implementing a digital wallet 266 configured as a destination of the on-list batch data distribution 2082, wherein the on-list batch data distribution 2082 includes sensor data 272 (medical records or other measurements, e.g.) that can later be retrieved by an owner of the digital wallet 266.

52. The system of ANY of the above system clauses, further comprising:

a physical article implementing a digital wallet 266 configured as a destination of the on-list batch data distribution 2082, wherein the on-list batch data distribution 2082

includes crypto assets 273 (digital tokens or cryptocurrency, e.g.) that can later be retrieved by an owner of the digital wallet 266.

53. The system of ANY of the above system clauses, further comprising:

a physical article implementing a digital wallet 266 configured as a destination of the on-list batch data distribution 2082, wherein the on-list batch data distribution 2082 includes crypto assets 273 that express multiple frequencies 1976 and that can later be retrieved by an owner of the digital wallet 266.

54. The system of ANY of the above system clauses, further comprising:

a physical article implementing a digital wallet 266 configured as a destination of the on-list batch data distribution 2082, wherein the on-list batch data distribution 2082 includes crypto assets 273 that express multiple amounts of energy 1977 and that can later be retrieved by an owner of the digital wallet 266.

55. The system of ANY of the above system clauses, further comprising:

a physical article implementing a digital wallet 266 configured as a destination of the on-list batch data distribution 2082, wherein the on-list batch data distribution 2082 includes crypto assets 273 that express multiple blocksizes 1978 and that can later be retrieved by an owner of the digital wallet 266.

56. The system of ANY of the above system clauses, further comprising:

a physical article implementing a digital wallet 266 configured as a destination of the on-list batch data distribution 2082, wherein the on-list batch data distribution 2082 includes crypto assets 273 that express multiple levels of urgency 1979 (low or medium or high, e.g.) and that can later be retrieved by an owner of the digital wallet 266.

57. The system of ANY of the above system clauses, further comprising:

a physical article implementing a digital wallet 266 configured as a destination of the on-list batch data distribution 2082, wherein the on-list batch data distribution 2082 includes crypto assets 273 that express provenance data 274 of articles of manufacture (permanently documenting a safety-indicative provenance of tangible products vulnerable to counterfeiting such as comestibles or vehicle components, e.g.) and that can later be retrieved by an owner of the digital wallet 266.

58. The system of ANY of the above system clauses, wherein the transistor-based circuitry 1600, 2200 is also configured to perform one or more methods described below.

59. An incentivization method comprising:

invoking transistor-based circuitry (one or more notification modules 1631, e.g.) configured to notify a first taskset participant 20 of an opportunity to earn a first incentive by completing a first taskset 541A;

invoking transistor-based circuitry (one or more detection modules 1632, e.g.) configured to allow the first taskset participant 20 to earn the first incentive by completing the first taskset 541A;

invoking transistor-based circuitry (one or more notification modules 1633, e.g.) configured to notify the first taskset participant 20 of having received the first incentive in lieu of signaling any immediate eligibility for any in-kind dispensation (a share of stock or a cryptoasset, e.g.) as a conditional response partly based on the first taskset participant 20 having completed the first taskset 541A and partly based on an aggregated amount that includes the first incentive being smaller than a first threshold 571;

invoking transistor-based circuitry (one or more notification modules 1634, e.g.) configured to notify the first taskset participant 20 of an opportunity to earn a second incentive by completing a second taskset 541B;

invoking transistor-based circuitry (one or more detection modules 1635, e.g.) configured to allow the first taskset participant 20 to earn the second incentive by completing the second taskset 541B, wherein the first taskset participant 20 is notified of having earned an eligibility to receive an in-kind dispensation associated with an aggregated amount that includes the first and second incentives as an automatic and conditional response partly based on the first taskset participant 20 having completed the first and second tasksets 541 and partly based on the aggregated amount that includes the first and second incentives being at least equal to the first threshold 571, and wherein the second taskset 541B is unlocked to the first taskset participant 20 by the first taskset participant 20 having completed the first taskset 541A; and

implementing the in-kind dispensation associated with the aggregated amount that includes the first and second incentives as a conditional response to a dispensation request from the first taskset participant 20.

60. The method of ANY of the above method clauses, wherein an on-list batch data distribution 2082 to (various destinations including) first and second taskset participants 2020A-B as a conditional response partly based on an off-list batch evaluation of an aggregate performance of the first and second taskset participants each exceeding the first threshold associated with an on-list first transfer modality and partly based on the first and second taskset participants 2020A-B both having consented to participate in the on-list batch data distribution 2082 is configured so that

one or more application-specific integrated circuits (ASICs) aboard a client device (implementing special-purpose circuitry 422 aboard a blockchain node 400, e.g.) not associated with any taskset participant (participates in or otherwise) allows a confirmation of the on-list batch data distribution 2082 by (creating or otherwise) verifying a block 475 partly based on the on-list first transfer modality 1971B and partly based on the off-list batch evaluation 2081.

61. The method of ANY of the above method clauses, wherein an on-list batch data distribution 2082 to (various destinations including) first and second taskset participants 2020A-B as a conditional response partly based on the off-list batch evaluation of the aggregate performance of the first and second taskset participants each exceeding the first threshold associated with an on-list first transfer modality and partly based on the first and second taskset participants 2020A-B both having consented to participate in the on-list batch data distribution 2082 is configured so that one or more application-specific integrated circuits (ASICs) aboard a client device not (owned or controlled by or otherwise) associated with any taskset participant (validates or otherwise) allows a confirmation of the on-list batch data distribution 2082 by verifying a block 475 partly based on the on-list first transfer modality 1971B and partly based on one or more private keys 471 generated aboard the client device.

62. The method of ANY of the above method clauses, wherein an on-list batch data distribution 2082 to (various destinations including) first and second taskset participants 2020A-B as a conditional response partly based on an off-list batch evaluation of an aggregate performance of first and second taskset participants each exceeding the first threshold associated with an on-list first transfer modality and partly

based on the first and second taskset participants 2020A-B both having consented to participate in the on-list batch data distribution 2082 is configured so that one or more application-specific integrated circuits (ASICs) aboard a client device (implementing a blockchain node 400, e.g.) not associated with any taskset participant (certifies or otherwise) allows a confirmation of the on-list batch data distribution 2082 by creating a block 475 partly based on the on-list first transfer modality 1971B and (signed by or otherwise) partly based on one or more private keys 471 generated aboard the client device.

63. The method of ANY of the above method clauses, wherein an on-list batch data distribution 2082 to (various destinations including) first and second taskset participants 2020A-B as a conditional response partly based on an off-list batch evaluation of the aggregate performance of the first and second taskset participants each exceeding the first threshold associated with an on-list first transfer modality and partly based on the first and second taskset participants 2020A-B both having consented to participate in the on-list batch data distribution 2082 is configured so that one or more application-specific integrated circuits (ASICs) aboard a client device not associated with any taskset participant (certifies or otherwise) allows a confirmation of the on-list batch data distribution 2082 by creating a block 475 partly based on the on-list first transfer modality 1971B and (signed by or otherwise) partly based on one or more private keys 471 generated aboard the client device as a deterministic function of a password or other alphanumeric data entered via a user input 408 of the client device.

64. The method of ANY of the above method clauses, wherein an on-list batch data distribution 2082 to (various destinations including) first and second taskset

participants 2020A-B as a conditional response partly based on an off-list batch evaluation of the aggregate performance of the first and second taskset participants each exceeding the first threshold associated with an on-list first transfer modality and partly based on the first and second taskset participants 2020A-B both having consented to participate in the on-list batch data distribution 2082 is configured so that one or more application-specific integrated circuits (ASICs) aboard a client device not associated with any taskset participant (certifies or otherwise) allows a confirmation of the on-list batch data distribution 2082 by creating a block 475 partly based on the on-list first transfer modality 1971B and (signed by or otherwise) partly based on one or more private keys 471 generated aboard the client device partly based on alphanumeric data entered via a user input 408 of the client device and partly based on a digital hardware identifier (a watermark, serial number, or other such component-identifying key 471, e.g.) aboard the client device.

65. The method of ANY of the above method clauses, wherein the invoking transistor-based circuitry configured to allow the first taskset participant 20 to earn the second incentive by completing the second taskset 541B (if applicable) comprises:

notifying the first taskset participant 20 of having earned the eligibility to receive the in-kind dispensation associated with the aggregated amount that includes the first and second incentives as the automatic and conditional response partly based on the first taskset participant 20 having completed the first and second tasksets 541 and partly based on the aggregated amount that includes the first and second incentives being at least equal to the first threshold 571; and

receiving proof of completion of the second taskset, wherein the proof of completion includes (at least) a completion registration (a message 835 confirming the completion received from an affiliate portal or other instrumentality of a third party entity 110A, e.g.).

66. The method of ANY of the above method clauses, wherein the first threshold 571 (if applicable) is based on one or more resource type identifiers selected by the first party.

67. The method of ANY of the above method clauses, wherein the first taskset 541A comprises watching an online video.

68. The method of ANY of the above method clauses, wherein the second taskset 541B essentially consists of delivering material (supplies 691, e.g.).

69. The method of ANY of the above method clauses, wherein the second taskset 541B comprises a component of a healthcare regimen (taking medications provided via a portable dispenser 681, e.g.).

70. The method of ANY of the above method clauses, wherein the second taskset 541B comprises establishing one or more credentials of the first taskset participant 20 (earning a license 671 or certification 672, e.g.).

71. The method of ANY of the above method clauses, wherein the first taskset 541A comprises the first party answering one or more online questions correctly (demonstrating the existence of a state-issued license 671 or demonstrating a proficiency 675 by taking an online quiz, e.g.).

72. The method of ANY of the above method clauses, wherein at least one of the first or second taskset 541A-B comprises establishing one or more credentials

of the first taskset participant 20 (earning a state-issued license 671, demonstrating the existence of a state-issued license 671, or demonstrating a proficiency 675 by taking an online quiz, e.g.).

73. The method of ANY of the above method clauses, wherein the implementing the in-kind dispensation associated with the aggregated amount that includes the first and second incentives as the conditional response to the dispensation request from the first party comprises:

implementing the in-kind dispensation in an automated batch process simultaneously delivering the in-kind dispensation to numerous recipients (i.e. dozens, e.g.), wherein the first party is one of the numerous recipients.

74. The method of ANY of the above method clauses, wherein the implementing the in-kind dispensation associated with the aggregated amount that includes the first and second incentives as the conditional response to the dispensation request from the first party comprises:

implementing the in-kind dispensation in a broadcast of an online resource (streaming or other digital information sent simultaneously to numerous recipient devices, e.g.).

75. The method of ANY of the above method clauses, wherein the first taskset participant 20 receives only a single unit of a cryptoasset (one Bitcoin, e.g.) in the in-kind dispensation.

76. The method of ANY of the above method clauses, further comprising:

implementing a taskset participant sign up process flow as depicted in Fig. 10.

77. The method of ANY of the above method clauses, further comprising:

implementing an incentive earning flow as depicted in Fig. 11.

78. The method of ANY of the above method clauses, further comprising: implementing an incentive earning flow as depicted in Fig. 12.

79. The method of ANY of the above method clauses, further comprising: implementing a dispensation flow as depicted in Fig. 13.

80. The method of ANY of the above method clauses, further comprising: implementing an affiliate enlistment flow as depicted in Fig. 14.

81. The method of ANY of the above method clauses, further comprising: implementing an offer addition flow as depicted in Fig. 15.

82. The method of ANY of the above method clauses, further comprising: mitigating cryptoasset volatility as depicted in Fig. 18.

With respect to the numbered claims expressed below, those skilled in the art will appreciate that recited operations therein may generally be performed in any order. Also, although various operational flows are presented in sequence(s), it should be understood that the various operations may be performed in other orders than those which are illustrated, or may be performed concurrently. Examples of such alternate orderings may include overlapping, interleaved, interrupted, reordered, incremental, preparatory, supplemental, simultaneous, reverse, or other variant orderings, unless context dictates otherwise. Furthermore, terms like “responsive to,” “related to,” or other past-tense adjectives are generally not intended to exclude such variants, unless context dictates otherwise.

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.