

[Explanation of the Invention]

[Name of the Invention]

Method and Device for Monetization by Gold-based Cryptocurrency and Using Gold

[Technology Field]

This invention relates to gold-based cryptocurrency and gold-based revenue generation methods and devices; and more particularly, to gold-based cryptocurrency and gold-based revenue generation methods and devices that allow cryptocurrency services to be stably traded in financial markets such as cryptocurrency exchanges.

[The Background Technique of Invention]

Recently, interest in Bitcoin, a type of cryptocurrency that can be paid in-kind, has been highlighted by governments, private business interests, and international journalistic outlets.

Bitcoin is a digital cryptographic currency that was created by Satoshi Nakamoto in 2009, and consists of a structure in which there is no central device body for issuing and managing the currency.

Instead, Bitcoin transactions are made by a peer-to-peer, network-based, distributed database, and transactions are typically performed using public key encryption algorithms.

Digital cryptocurrencies that can be paid in-kind include Bitcoin, Litecoin, Darkcoin, Namecoin, Dogecoin, and Ripple. Their common characteristics are stored in electronic wallets, and books can be sequentially connected and shared on the blockchain network according to hash transformation.

Individual blocks connected to such a blockchain may be sequentially connected according to hash conversion and may be configured in the form of data packets including a plurality of information. For example, the information contained in the block may be the transaction details in which the participants traded money. The hash value, difficulty, and nonce of the previous block, and each block contains the hash value of the previous block, which can form a blockchain containing the transfer details generated in chronological order.

When such a blockchain network is formed, one transaction book may be shared through nodes connected to the network, and the transaction book may be preserved by a blockchain verified and formed by an unspecified number of nodes. Since these transaction books are continuously shared verified and preserved by all node terminals connected to the network, forgery of the transaction books is prevented by a majority of nodes that want to maintain the transaction system.

In addition, the target of hacking into the blockchain network must be a transaction system consisting of multiple nodes, not a specific terminal, and the transaction system itself destroys the transaction system, so the hacking itself can be prevented in advance.

However, cryptocurrency based on such a blockchain is very difficult to lead to active use in the actual economy due to its value instability and delay in approval time caused by limitations in the blockchain network system.

In addition, due to its instability and anonymity, there are cases where the use is legally restricted at the national level. In particular, in order to solve the fundamental cause of value instability, a "Stable Coin" method has also been proposed in which, cryptocurrency formed by a blockchain network is secured to a specific, legal currency or other cryptocurrency, resulting in its value equal to that of legal currency.

However, the collateral stabilization methods proposed so far require other currencies to be secured again, which results in the same volatility as value volatility of another currency. This, in turn, only transfers and guarantees value volatility, and the actual problem of cryptocurrency value volatility has not been solved.

In addition, excessive stabilization lowers the need for profitability or currency transactions for holdings, resulting in a decrease in the number of holders, resulting in a decrease in usability.

In other words, the fundamental problem of not achieving price stabilization and discovery of the intrinsic value of cryptocurrency itself, the creation of value through transactions, and the improvement of usability in actual, economic life is still in the process of being resolved.

[Previous Technical Literature]

[Patent Literature]

Korean Patent Publication No. 10-2245990 (2021.04.23).

Korean Patent Publication No. 10-2020-0048527 (2020.05.08.)

Korean Patent Publication No. 10-2020-0048547 (2020.05.08.)

Korean Patent Publication No. 10-2020-0048552 (2020.08)

[Contents of the Invention]

[Task to be Solved]

An embodiment of this invention aims to provide a gold-based cryptocurrency that allows the service of cryptocurrency to be stably traded in the market based on gold, and a method and device for generating profits using gold.

[A Solution to the Problem]

The method of generating profits using gold-based cryptocurrency and gold, according to the embodiment of this invention, includes storing an application that provides a blockchain-based cryptocurrency service in connection with gold; and sharing the cryptocurrency service with a plurality of terminal devices that form the blockchain.

The revenue-generating method may further include increasing the cumulative amount of gold, based on the type of affiliated company related to the issuance of the cryptocurrency or the revenue of intangible assets. The step of exchanging the gold above may be calculated as the user's holding amount of cryptocurrency (total value of accumulated gold / total value of distributed cryptocurrency) × and exchanged for the gold above.

The method of generating profits may include allowing gold held by an individual or institution to be shared with a community of an organization or a cooperative, and increasing the cumulative amount of gold as revenue from sharing the community.

When the individual or institution requests the community to return the gold, the gold may be returned by reflecting the current market price of the gold. When requesting the transaction of gold held by the individual or institution, a number to be assigned after verification of the purity and weight of gold may be generated at a designated branch and processed on the blockchain.

In addition, a gold-based cryptocurrency and gold-based profit generating device includes a storage unit that stores an application that provides a blockchain-based cryptocurrency service in connection with gold, and a control unit that shares the cryptocurrency service based on accumulated gold.

The control unit may increase the accumulated amount of gold based on the type of related company related to the issuance of the cryptocurrency or the return of intangible assets.

The control unit may calculate (total value of accumulated gold / total value of distributed cryptocurrency) × the amount of cryptocurrency held by the user and exchange it for the gold.

The control unit may share and increase gold held by an individual or institution to a community of an organization or a cooperative.

When the accumulated amount of gold is requested from the individual or the institution to return the gold to the community as revenue from sharing the community, the control unit may reflect the current market price of the gold to return the gold.

When requesting a transaction of gold held by the individual or the institution, the control unit may generate a number to be given by verifying the purity and weight of gold at a designated branch and processing the number on the blockchain.

[The Effects of Invention]

According to an embodiment of the present invention, it is possible to stabilize the transaction of the cryptocurrency market by linking the transaction price of the cryptocurrency.

In addition, the embodiment of this invention may provide the effect of asset growth by allowing the exchange of gold as much as the amount of cryptocurrency (holding) held by users.

[Simple Explanation of the Drawing]

FIG. 1 is a diagram illustrating a gold-linked, blockchain-based, cryptocurrency transaction system.

FIG. 2A is a diagram illustrating a business ecosystem system of the London Coin Foundation.

FIG. 2B is a graph for explaining the accumulated cryptocurrency value of gold.

FIG. 3 is a block diagram illustrating a gold-based cryptocurrency and a detailed structure of a profit generating apparatus using gold according to an embodiment of the present invention, and

FIG. 4 is a flowchart illustrating a process of driving a gold-based cryptocurrency and a profit generating apparatus using gold according to an embodiment of the present invention.

[Details to Implement the Invention]

Hereinafter, embodiments of the present invention will be described in detail with reference to the drawings.

FIG. 1 is a diagram illustrating a blockchain-based cryptocurrency transaction system linked to gold, FIG. 2A is a diagram illustrating a business ecosystem of the London Coin Foundation, and

FIG. 2B is a graph illustrating the accumulated value of gold cryptocurrency.

As illustrated in FIG. 1, the based cryptocurrency transaction system (hereinafter, the gold-linked blockchain cryptocurrency transaction system(90) includes a plurality of transaction terminal devices, and includes some or all of the user terminal device(100), the agency terminal device(110), the communication network(120), the crypto-related terminal device(130), and the physical exchange terminal device(150).

Here, "including some or all" means that some components such as the real exchange terminal device(150) are omitted to form the cryptocurrency transaction system(90) or some or all of the components constituting the application service device(140) may be integrated into the network(120) (e.g., wireless exchange device) and includes all of the invention.

The user terminal device(100) includes various types of terminal devices each possessed by a plurality of users for using a non-smoking cryptocurrency service according to an

embodiment of the present invention.

The user terminal device(100) may include a PC-based terminal device such as a desktop computer or a laptop computer, and includes a tablet PC, a wearable device worn on a wrist, and a mobile-based terminal device such as a smartphone. Of course, it may include devices such as smart TVs.

The user terminal device(100) may be released by mounting a program (e.g., an application) for providing a service according to an embodiment of the present invention when being released from a production line of a manufacturer that produces a product.

Unless this is the case, the user terminal apparatus(100) may access the application service apparatus 140 of FIG. 1 to download an app for using a service according to an embodiment of the present invention and use a blockchain-based cryptocurrency service to which gold is linked.

Users can exchange cryptocurrency held according to cryptocurrency transactions for gold in an authorized place, and generate profits by providing gold held. Although one user terminal device(100) is illustrated in FIG. 1 for convenience of explanation, it is desirable that a plurality of users actually access a blockchain-based cryptocurrency service and operate.

Simply installing the app makes it possible for many users to share their transaction books and check the transaction information in real time through the app in transactions such as cryptocurrency using the P2P method.

In blockchain technology, blocks contain confirmed transactions for a certain period of time. A block containing transaction details is formed online. The subject that determines the transaction details is the user. This block is sent to all participants in the network. Participants check the validity of the transaction. Only approved blocks are connected to the existing blockchain and remittances are made.

It's not a credit base. Blockchain is a network that is configured with a system, allowing third parties to exchange values between trading parties without guaranteeing transactions.

Cryptocurrencies such as Bitcoin do not have a specific manager or owner. This is because it operates in a P2P method. P2P refers to transactions between individuals. It is a service that allows users to access other user computers through the internet to exchange files and share them. Bitcoin is distributed and stored on multiple user computers, not by individuals or companies.

A bundle of transaction details made every 10 minutes by Bitcoin is "block."

In other words, blockchain is a transaction book that stores Bitcoin's transaction records. It is easy to understand as a database (DB). It is also called "public transaction books" or "distributed ledgers" in the sense of disclosing and distributing transaction books.

In an embodiment of the present invention, London Coin, a fourth-generation cryptocurrency, may be used as Bitcoin.

London Coin has a transaction speed equivalent to 250,000 TPS, eliminating transaction delays occurring in existing cryptocurrencies. In addition, technology using aBFT (Push & Pull) algorithm that solves the increase in mining costs and the lack of slow speed and scalability is used.

The London Coin Core can be formed on an off-source basis that does not require permission in conjunction with Mosaic Networks.

The user terminal device(100) may include a terminal device of an individual or institution that individually holds gold in addition to a user who trades cryptocurrency. Individuals or institutions can share gold in the form of community (e.g., organizations, cooperatives, etc.) and generate profits by providing gold. For example, if an individual holding gold wants to receive the gold back, the gold is returned by calculating the current market price of the gold. Individuals or institutions, for example, are verified for the purity and weight of gold held by individuals or institutions at designated branches audited by accounting firms such as PricewaterhouseCoopers (PwC), a London-based multinational accounting consulting firm, and store them. And based on this number, individuals or institutions can generate profits by sharing gold held individually in the form of communities such as organizations and cooperatives.

The institutional terminal device(110) includes a terminal device of a designated branch in an embodiment of the present invention. Since the institutional terminal device(110) is not significantly different from the type of the user terminal device(100), the contents thereof will be replaced. Institutional terminal device(110) verifies the purity or weight of gold held by an individual or institution and assigns a number based on blockchain-based data so that gold transactions can be made. In fact, financial institutions hold gold, give numbers, and acquire transaction taxes through this.

The provided gold is provided as physicalphysical gold when the new buyer wishes and can be offset by insurance against the non-provider. For example, when gold is provided to the community, insurance guarantees are submitted at the same time (e.g., Seoul Credit Guarantee, etc.).

The communication network(120) includes both wired and wireless communication networks. For example, wired and wireless internet networks may be used or linked as the communication network(120). Here, the wired network includes an internet network such as a cable network or a public telephone network (PSTN), and the wireless communication network includes CDMA, WCDMA, GSM, Evolved Packet Core (EPC), Long Term Evolution (LTE), and WiBro network. Of course, the communication network(120) according to an embodiment of the present invention is not limited thereto, and may be used, for example, in a cloud computing network, a 5G network, and the like under a cloud computing environment.

For example, when the communication network(120) is a wired communication network, an access point in the communication network(120) may access an exchange station of a telephone station, etc., but in the case of a wireless communication network, data may be processed by accessing SGSN or Gateway GPRS Support Node (GSN) operated by a carrier.

The communication network(120) may include an access point. Here, the access point includes a small base station such as femto or pico base station that is frequently installed in the building. The femto or pico base station is classified according to up to how many units of the user terminal device(100) or the institutional terminal device(110) may be connected according to the classification of the small base station. Of course, the access point may include a short-range communication module for performing short-range communication such as Zigbee and Wi-Fi with the user terminal device(100) or the institutional terminal device(110). The access point may use TCP/IP or Real-Time Streaming Protocol (RTSP) for wireless communication.

Here, in addition to Wi-Fi, short-range communication may be performed in various standards such as Bluetooth, Zigbee, infrared, Ultra High Frequency (UHF), and Radio Frequency (RF) and Ultra High Frequency (UWB).

Accordingly, the access point may extract the location of the data packet, designate the best communication path for the extracted location, and deliver the data packet to the next device, for example, the cryptocurrency association terminal device(130) or the application service device(140). Access points can share multiple lines in a typical network environment, including routers, repeaters, and repeaters.

The terminal device(130) of a cryptocurrency related company may include a terminal device of a company that participates in the issuance of a cryptocurrency or the like, and issues or develops a LondonCoin as a cryptocurrency. In the case of the terminal device(130) of a cryptocurrency related company, it is possible to participate in a transaction of

cryptocurrency or a transaction of cryptocurrency linked to gold based on a P2P-type blockchain. For example, the affiliated company of the cryptocurrency affiliate terminal device(130) according to an embodiment of this invention may be the London Coin Foundation, and the value of cryptocurrency provides services based on accumulated gold, and provides individual gold in the form of community to generate profits. Of course, these services can be performed according to the execution of the app.

For example, London Coin will hold a 10% stake in London-based British company ABM System, as virtual currency London Coin transfers its business rights to London Coin System, a corporation in London, England.

Therefore, ABM System is an investment company that received investment from London Coin. London Coin can be seen as a coin developed by a developer of the Babble Core algorithm. In an embodiment of the present invention, since London Coin is a cryptocurrency and may refer to a specific company at the same time, it will not be particularly limited thereto.

As shown in FIG. 2A, the accumulated gold is based on the return of tangible or intangible assets, such as a third-party investment company or patent held by the London Coin Foundation. However, when investing, the designated ratio (e.g. 29%) is maximized so that it is not included in the consolidated financial statements with other corporations. Accumulated gold is not used for other purposes, but is shared only with the profits of linked cryptocurrency holders.

Therefore, as shown in FIG. 2B, the total amount of gold held continues to increase, and thus it is possible for users of the user terminal device(100) to multiply the total amount of gold held (or value) by their own (cryptocurrency) holdings.

If this is reorganized into an equation, it can be expressed as Equation 1.

Through this, cryptocurrency can be stably distributed in the market.

[Equation 1]

User's gold exchange = (total gold reserves ÷ total distribution cryptocurrency) × cryptocurrency holdings

For example, if a user wants to exchange his or her cryptocurrency for gold, he or she will exchange it for 14K or 24K physical gold coins, and exchange it at a certain rate in a designated and recognized place. The gold exchange may be performed in connection with the real exchange terminal device(150) of FIG. 1.

In addition, the terminal device(130) of a cryptocurrency affiliated company can generate profits for gold provided by an individual or institution and continuously increase the total gold reserves by utilizing the profits obtained through gold transactions to repurchase gold. The operation may be performed in connection with the institutional terminal device(110). This has been fully explained earlier, so I will replace it with its contents.

However, to summarize, when an individual or institution provides gold, the purity and weight of the holdings are verified at a designated branch, and it is traded by assigning a number based on blockchain-based data. In fact, gold is sold or purchased with the above number instead of gold, and 1% of transaction tax is received to generate profits from community reserves, which is to repurchase gold again to increase gold reserves. The provided gold is provided as physical gold if desired by the new buyer and is offset by insurance against the non-provider. Here, insurance can be guarantee insurance. The gold provided to the community is held by an individual or institution and provides physical gold only when new buyers want it.

The application service device(140) may refer to a server or the like that provides an app according to an embodiment of the present invention. For example, the user terminal device(100) may access an application service device(140) such as Google's Play Store and download and execute an app for providing a gold-linked cryptocurrency service according to an embodiment of the present invention through an online platform. According to the execution of the app, whenever a transaction occurs, information on the transaction ledger is periodically updated, and the transaction is made with the approval of the nodes.

In this process, the application service apparatus(140) according to an embodiment of the present invention may not participate in the blockchain configuration as well as all through an agreement process, and thus the configuration of any one configuration of the present invention will not be particularly limited.

The real exchange station terminal device(150) includes a terminal device installed in a designated and authorized place where a user exchanges his or her cryptocurrency for gold when he or she wants to exchange it for gold.

The real exchange station terminal device(150) may be an institution such as a bank, but is not particularly limited thereto. When exchanging gold, it is exchanged at a certain rate, and it can be seen that the certain ratio is based on Equation 1 above.

As a result of the above configuration, the embodiment of this invention may stabilize transactions in the cryptocurrency market by linking the transaction market of cryptocurrency, and may provide the effect of asset growth by exchanging as much gold as the cryptocurrency held by users.

For example, services using cryptocurrency can be performed in various ways. A certain amount of cryptocurrency (e.g., London Coin, etc.) is issued in connection with gold, and gold reserves continue to increase as profits are generated, and gold reserves increase, so the value of cryptocurrency relative to gold reserves naturally increases. Increasing the amount of gold held means an increase in the value of assets, so if the amount of cryptocurrency held is large, it can be exchanged for gold.

FIG. 3 is a block diagram illustrating a detailed structure of a gold-based cryptocurrency and a profit generating apparatus using gold according to an embodiment of the present invention.

As illustrated in FIG. 3, the cryptocurrency transaction device(290) using gold-based cryptocurrency and gold refers to at least one of the user terminal device(100), the institutional terminal device(110), the application service device(140), and the physical exchange device(150), and includes some or all of the communication interface unit(300), control unit(310), and storage unit(330).

Here, "including some or all" means that some components such as storage(330) are omitted to form a cryptocurrency transaction device, or that some components such as gold-linked cryptocurrency unit(320) may be integrated into other components such as control unit(310), and will be described as including all.

The communication interface unit(300) communicates with a plurality of terminal devices or nodes configured based on a blockchain, for example, the user terminal device(100) of FIG. 1, the institutional terminal device 110, the terminal device(130) of a crypto-related company, and the real exchange terminal device(150), respectively. In the process of performing communication, the communication interface unit(300) may perform operations such as

modulation/modulation, muxing/demuxing, encoding/decoding, and the like, which are obvious to those skilled in the art, and thus further description will be omitted.

For example, when the communication interface unit(300) is included in the terminal device(130) of a cryptocurrency related company, the communication interface unit(300) may request a transaction with other devices configured to update information related to the amount of gold held according to the accumulated amount of gold.

This is, of course, performed under the control of the control unit(310), and the communication interface unit(300) may be involved in such an operation. For example, under the control of the controller(310), the communication interface(300) may simultaneously perform transaction requests to other devices.

The control unit(310) is responsible for overall control operations of the communication interface unit(300), the gold-linked cryptocurrency unit(320), and the storage unit(330) of FIG. 3. For example, control unit(310) may provide a request to modify the data of the ledger through a transaction, but conversely, if other devices have a request to modify the data of the ledger by the transaction, they may participate in approval or agreement to provide the information to the device requesting the transaction. To this end, the controller(310) may control the communication interface unit(300) and the gold-linked cryptocurrency unit(320).

The controller(310) performs various operations according to an embodiment of the present invention in connection with the gold-linked cryptocurrency unit(320).

For example, the controller(310) provides a cryptocurrency service by executing a program, such as an application, mounted on the gold-linked cryptocurrency unit(320). Here, cryptocurrency services may vary, and for example, various companies in the market may provide rewards, or existing points, to customers who purchase their corporate products in the form of cryptocurrency.

The use of cryptocurrency can be used in various places, for example, a cryptocurrency generating company can provide services in the form of issuing a certain portion of its assets. And by linking gold to the corresponding cryptocurrency, stable transactions are made.

Accordingly, the control unit(310) continuously accumulates gold in connection with the gold-linked cryptocurrency unit(320) to increase the value of the previously issued cryptocurrency, thereby stabilizing the cryptocurrency service.

For example, the gold-linked cryptocurrency unit(320) accumulates accumulated gold, that is, its information, based on the returns of tangible or intangible assets such as third-party investment companies or patents held by the London Coin Foundation. As gold accumulates, information on it can be shared with various devices, and a blockchain-based cryptocurrency

system can operate in the process.

The gold-linked cryptocurrency unit(320) provides services by linking gold to cryptocurrency services. In other words, the gold-linked cryptocurrency unit(320) operates based on gold in which the value of cryptocurrency is accumulated, in other words, increases the value of cryptocurrency according to the accumulation of gold. Therefore, users who hold cryptocurrency can use cryptocurrency for service transactions, but since it guarantees gold, it is possible to exchange it for gold as much as the amount of cryptocurrency they hold at any time.

The gold-linked cryptocurrency unit(320) may operate in two ways in a method of accumulating gold. One, as mentioned above, is to increase the cumulative amount of gold according to the asset growth of the affiliates issuing cryptocurrency. On the other hand, the cumulative amount is increased by trading gold held by individuals or institutions and purchasing gold with the resulting profits (e.g. transaction tax, etc.).

Information related to such a transaction, that is, data, is processed, and it can be seen that various devices of FIG. 1 share blockchain-based information with each other. For example, the user of the user terminal device(100) of FIG. 1 may exchange the cryptocurrency held by the user for gold at a specific point in time. To this end, you can request a gold exchange after running an app installed inside. In this case, the gold-linked cryptocurrency unit(320) may calculate the amount of gold exchanged so that gold corresponding to the cryptocurrency held by the user can be exchanged.

And when the user requests the exchange of gold, the data is shared with the plurality of devices of FIG. 1 based on the blockchain, and for example, the real exchange terminal device(150) of FIG. 1 may provide gold to the user who requests the exchange of gold based on the data. Of course, such exchanged gold can be provided by visiting business offices such as banks, and can be provided through various channels such as delivery.

Meanwhile, the gold-linked cryptocurrency unit(320) may trade gold held by individuals or institutions in organizations or cooperatives, and accordingly, individuals or institutions may take certain profits. For example, if a specific individual requests the use of a gold ring, he or she may have a profit from the use of the gold ring.

In addition, the issuer of cryptocurrency receives some of the profits in the name of fees and uses these profits to purchase gold. Individuals or institutions may receive gold rings at the market price at the time when they wish to receive the gold rings they requested to be used. In

addition, even when selling to a user or buyer, sales may be made at the market price at the time.

The storage(330) stores various types of information or data processed under the control of the control unit(310). Here, the information is intended to refer to a simple control command, but in practice, the two terms are used interchangeably and will not be particularly limited to the concept of such terms.

For example, the storage unit(330) may store data on the transaction ledger related to the transaction of the cryptocurrency, and may provide the corresponding data under the control of the control unit(310) when requested by the gold-linked cryptocurrency unit(320). Of course, since the gold-linked cryptocurrency unit(320) may store ledger data in a software-type registry, it will not be particularly limited to the above.

In addition to the above description, the communication interface unit(300), the control unit(310), the gold-linked cryptocurrency unit(320), and the storage unit(330) of FIG. 3 may perform various operations, and other details have been sufficiently described above. The communication interface unit(300), the control unit(310), the gold-linked cryptocurrency unit(320), and the storage unit(330) of FIG. 3 according to an embodiment of the present invention include hardware modules physically separated from each other, but each module may store software for performing the above operation.

However, since the software is a set of software modules, and each module can be formed of hardware, it will not be particularly limited to the configuration of software or hardware. For example, the storage(330) may be a storage or memory that is hardware. However, since it is possible to repository information in software, it will not be particularly limited to the above.

Meanwhile, according to another embodiment of the present invention, the controller(310) may include a CPU and a memory, and may be formed in a one-point manner. The CPU may include a control circuit, an operation unit ALU, an instruction analysis unit, and a registry, and the memory may include a RAM. The control circuit is about the control operation. And the operation unit performs the operation of binary bit information.

In addition, the instruction analysis unit may perform an operation of converting advanced language into machine language, including interpreters or compilers, or machine language into advanced language, and the registry may be involved in software data storage.

According to the above configuration, for example, a program stored in the gold-linked cryptocurrency unit(320) may be copied, loaded into a memory, or RAM, and executed to

rapidly increase the data operation processing speed.

FIG. 4 is a flowchart illustrating a process of driving a gold-based cryptocurrency and a profit generating apparatus using gold according to an embodiment of the present invention.

For convenience of explanation, referring to FIG. 4 together with FIG. 3,

The gold-based cryptocurrency according to an embodiment of this invention and the profit generating device(290) using gold, for example, the cryptocurrency trading device stores an application that provides a blockchain-based cryptocurrency service in connection with gold (S400).

In addition, the gold-based cryptocurrency and gold-based profit generating device(290) shares cryptocurrency services with multiple terminal devices that form a blockchain, such as user terminal device(100), and calculates the value of cryptocurrency based on accumulated gold to exchange it for gold at a designated place (S410).

For example, in user device(100), if a user runs an app about how much the cryptocurrency he or she owns is worth of gold, he or she can show the information on the screen, and if the user requests gold exchange, the data can modify the ledger of other blockchain-based devices and trading books.

In addition to the above description, the gold-based cryptocurrency and profit generating device(290) using gold according to an embodiment of the present invention may perform various operations, and other details have been sufficiently described above, and thus will be replaced with those.

On the other hand, just because all components constituting the embodiment of this invention have been described as operating in combination or in combination with one, this invention is not necessarily limited to such embodiment. That is, within the scope of the object of the present invention, all of the components may be selectively combined and operated.

In addition, although each of the components may be implemented in one independent hardware, some or all of the components may be selectively combined as a computer program having a program module that performs some or all functions combined in one or more hardware. It could become a reality.

The codes and code segments constituting the computer program may be easily inferred by those skilled in the art of the present invention. The computer program is stored in a

computer-readable non-transitory computer readable medium and read and executed by a computer, thereby implementing an embodiment of the present invention.

Here, the non-transitory readable recording medium refers to a medium that stores data for a short moment, such as a register, cache, and memory, but stores data semi-permanently and can be read by a device.

Specifically, the above-described programs may be stored and provided in a non-transitory readable recording medium such as a CD, a DVD, a hard disk, a Blu-ray disk, a USB, a memory card, a ROM, or the like.

Although the preferred embodiments of the present invention have been illustrated and described above, the present invention is not limited to the specific embodiments, and various modifications may be implemented by those skilled in the art without departing from the gist of the present invention.

[Explanation of the code]

100: User terminal device.

110: Institutional device.

120: Communication network.

130: Cryptocurrency affiliated company's terminal device.

140: Application service device.

150: The terminal at the exchange device.

300: Communication interface team.

310: Control unit.

320: Gold-linked cryptocurrency club.

330: Storage.

[Request Range]

[Claim 1]

A gold-based cryptocurrency and gold-based method of generating revenue, including storing an application that provides a blockchain-based cryptocurrency service in connection with gold, sharing the cryptocurrency service with multiple terminal devices forming the blockchain, and calculating the value of cryptocurrency based on accumulated gold.

[Claim 2]

In paragraph 1,

A method of generating revenue using gold-based cryptocurrency and gold, further including a step of increasing the cumulative amount of gold based on the type of affiliated company or the revenue of intangible assets related to the issuance of the cryptocurrency.

[Claim 3]

In paragraph 1,

In the step of exchanging gold, $(\text{total value of accumulated gold} / \text{total value of distributed cryptocurrency}) \times$ a method of generating revenue using gold-based cryptocurrency and gold that is calculated as the user's cryptocurrency holdings.

[Claim 4]

In paragraph 1,

A method of generating revenue using gold-based cryptocurrency and gold, including allowing gold held by an individual or institution to be shared with the community of an organization or cooperative, and increasing the cumulative amount of gold from the community.

[Claim 5]

In paragraph 4,

A gold-based cryptocurrency in which the gold is returned by reflecting the current market price of the gold when the individual or institution requests the return of gold to the community, and a method of generating profits using gold.

[Claim 6]

In paragraph 4,

A gold-based cryptocurrency and a method of generating profits using gold and a gold-based cryptocurrency that generates a number given by verifying the purity and weight of gold at a designated branch when requesting a transaction of gold held by the individual or institution.

[Claim 7]

A gold-based cryptocurrency and gold-based profit generating device including a storage unit that stores applications that provide blockchain-based cryptocurrency services in connection with gold and a control unit that shares the cryptocurrency services based on accumulated gold.

[Claim 8]

In paragraph 7,

The control unit is a gold-based cryptocurrency and a profit generating device using gold that increases the cumulative amount of gold based on the type of affiliated company or the revenue of intangible assets related to the issuance of the cryptocurrency.

[Claim 9]

In paragraph 7,

The control unit is a gold-based cryptocurrency and gold-based profit generating device calculated by the user's holding amount of cryptocurrency (total value of accumulated gold / total value of distributed cryptocurrency) × exchanged for gold.

[Claim 10]

In paragraph 7, a gold-based cryptocurrency and gold-based profit generating device that allows the control unit to share gold held by an individual or institution and increases the accumulated amount of gold through the communication of the community.

[Claim 11]

In paragraph 10,

The control unit is a gold-based cryptocurrency that reflects the current market price of the gold and a profit generating device using gold when the individual or institution requests the return of gold to the community.

[Claim 12]

In paragraph 10,

The control unit generates a gold-based cryptocurrency and a gold-based profit generating device that generates a number given by verifying the purity and weight of gold at a designated branch when requesting a transaction of gold held by the individual or institution.

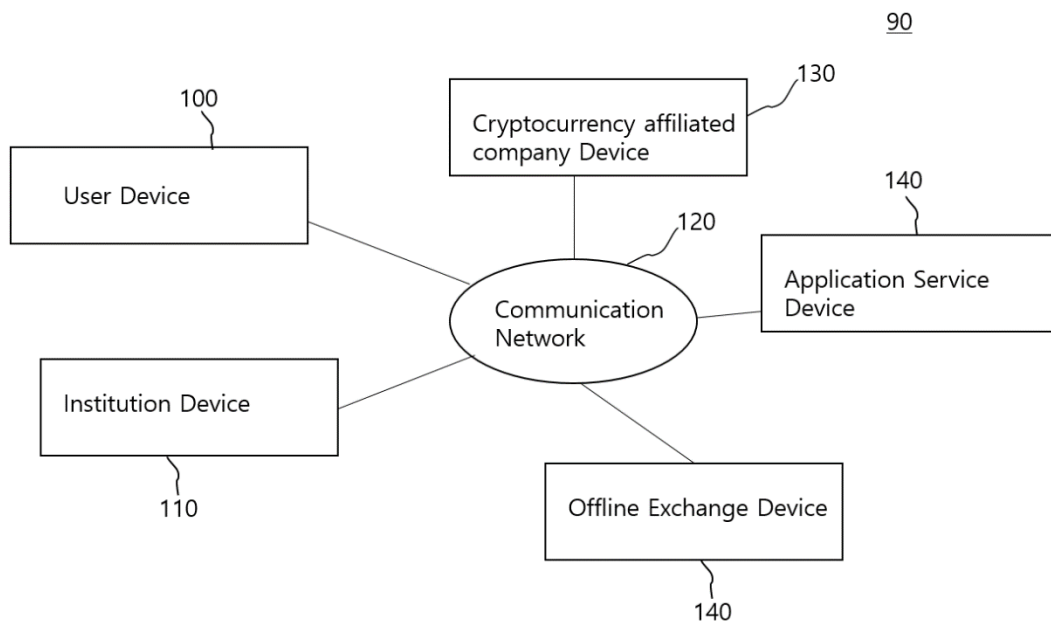
[Summary]

[Summary]

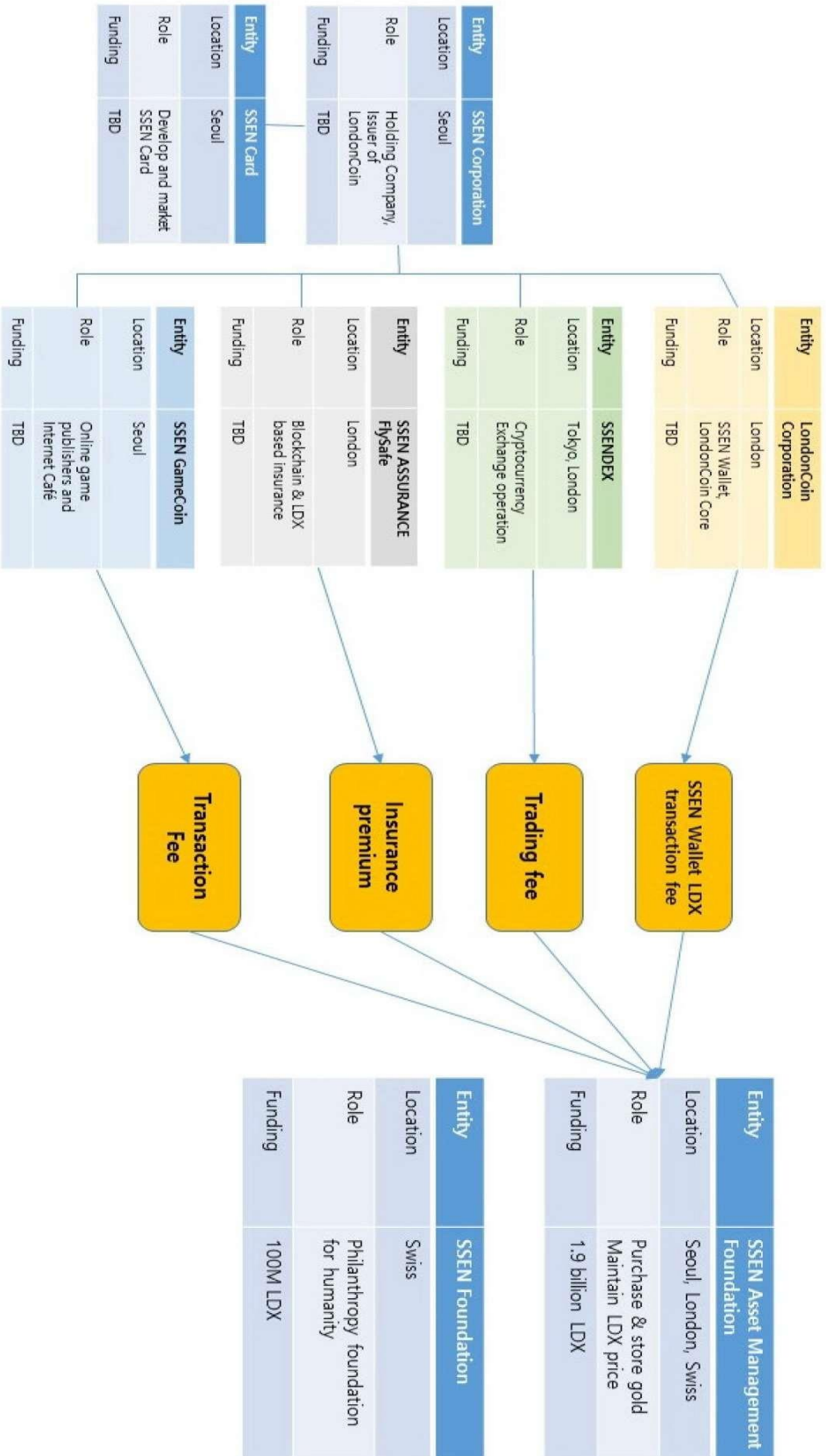
This invention is about gold-based cryptocurrency and gold-based revenue generation methods and devices, and gold-based cryptocurrency and gold-based cryptocurrency services are stored in connection with gold, and cryptocurrency is exchanged in a designated place.

[Drawings]

[Drawing 1]

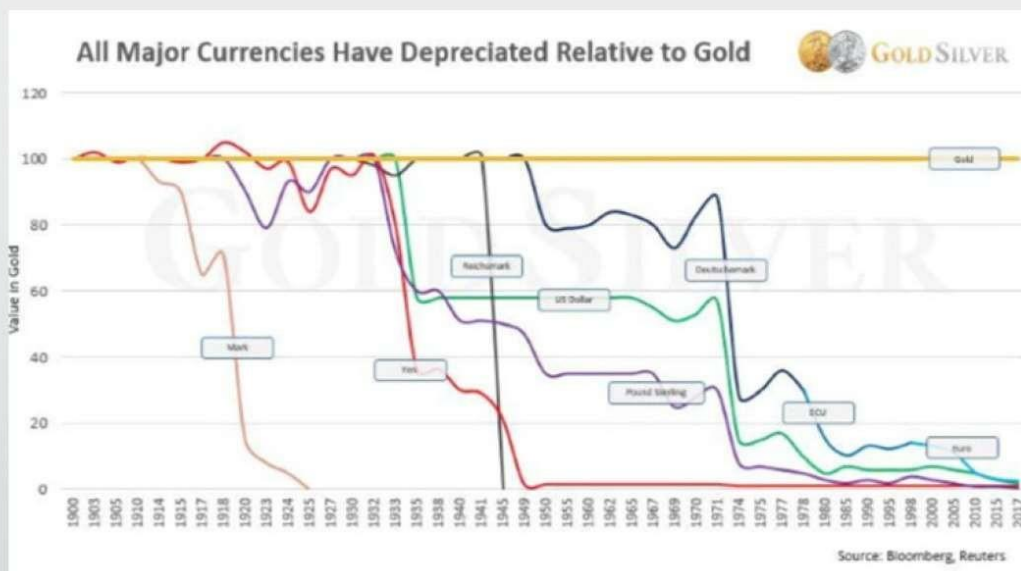
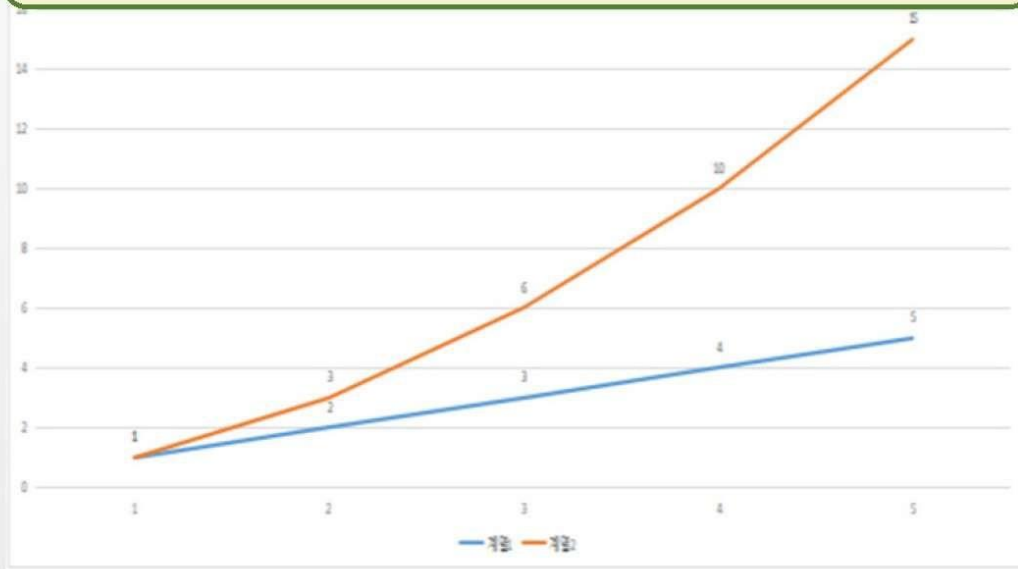


[Drawing 2]

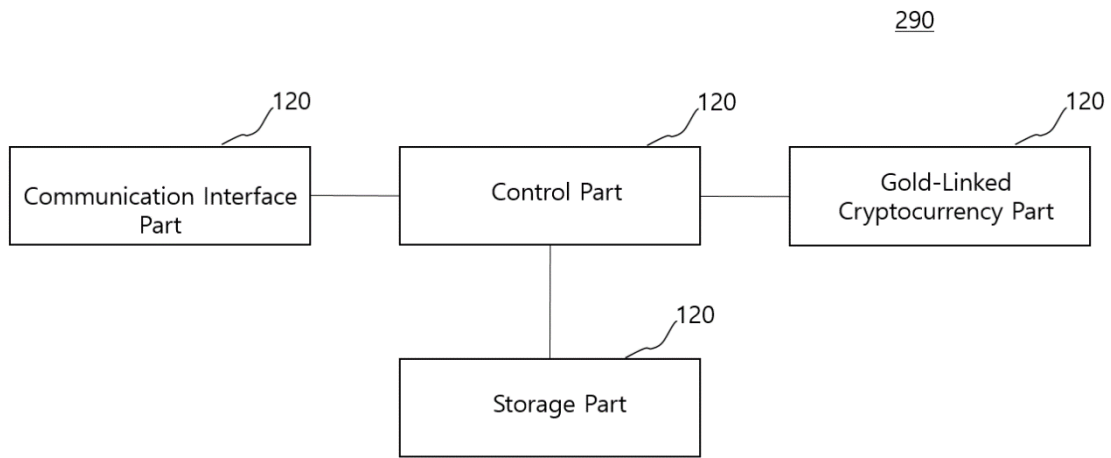


[Drawing 2b]

Power of Gold Accumulation



[Drawing 3]



[Drawing 4]

