

## CLAIMS

1. A method of monitoring, the method comprising:
  - monitoring, by a processor, at least one of a plurality nodes of at least one of a plurality of digital distributed ledger systems;
  - receiving, by the processor, a filtering expression from a user equipment (UE), the filtering expression comprising search parameters for identifying future transactions on the at least one of a plurality of digital distributed ledger systems;
  - detecting, by the processor, a plurality of transactions on the at least one of a plurality of digital distributed ledger systems at the at least one of a plurality of nodes;
  - determining, by the processor, that at least one of the plurality of transactions on the at least one of a plurality of digital distributed ledger systems at the at least one of a plurality of nodes has a correspondence with the filtering expression; and
  - storing, by the processor, the at least one of the plurality of transactions.
2. The method according to claim 1, wherein one or more of the at least one of a plurality of digital distributed ledger systems comprises a blockchain maintained by the plurality of node.
3. The method according to claim 1, wherein the monitoring comprises monitoring multiple nodes of the plurality of nodes.
4. The method according to claim 1, the method further comprising determining that the at least one of a plurality of digital distributed ledger systems has reached consensus regarding the at least one of the plurality of transactions prior to the transmitting.
5. The method according to claim 1, the method further comprising determining that the at least one of a plurality of digital distributed ledger systems has not reached consensus regarding the at least one of the plurality of transactions prior to the transmitting.
6. The method according to claim 1, wherein the filtering expression is one of a list of predetermined filtering expressions.

7. The method according to claim 1, wherein the filtering expression is not a predetermined filtering expression.
8. The method according to claim 1, the method further comprising transmitting, by the processor, a first data to at least one of a plurality of UEs, the first data comprising at least one alert to notify a user of the UE of the at least one of the plurality of transactions, wherein the alert is at least one of an application programming interface call, a chat room message, an application notification, an external system update, an application programming interface link, an email, a text message, a phone call, and an instant message.
9. The method according to claim 1, wherein the filtering expression is a parameter filtering expression operable to identify transactions based on at least one of users involved in transactions, sender of payment, receiver of payment, currency payor, location of nodes used in the transaction, a location of transaction within the at least one of a plurality of digital distributed ledger systems, and a field represented in a blockchain transaction.
10. The method according to claim 1, the method further comprising retrieving, by the processor, a plurality of historical transactions on the at least one of a plurality of digital distributed ledger systems; determining, by the processor, that at least one of the plurality of historical transactions has a correspondence with the filtering expression; and in response to receiving a request to transmit, transmitting, by the processor, a second data to at least one of a plurality of UEs, the second data comprising second alert to notify a user of the UE of the at least one of the plurality of historical transactions.
11. The method according to claim 8, wherein the first data comprises at least one of a filter identifier, a list of transactions, and a link to transactions.
12. An apparatus comprising at least one processor and at least one memory storing computer program instructions executable by the at least one processor, wherein the at least one memory with the computer program instructions and the at least one processor are configured to cause the apparatus to at least:

monitoring, by a processor, at least one of a plurality nodes of a at least one of a plurality of digital distributed ledger systems;

receive a filtering expression from a user equipment (UE), the filtering expression comprising search parameters for identifying future transactions on the at least one of a plurality of digital distributed ledger systems;

detect a plurality of transactions on the at least one of a plurality of digital distributed ledger systems at the at least one of a plurality of nodes;

determine that at least one of the plurality of transactions on the at least one of a plurality of digital distributed ledger systems at the at least one of a plurality of nodes has a correspondence with the filtering expression; and

transmit a first data to the UE, the first data comprising at least one alert to notify a user of the UE of the at least one of the plurality of transactions.

13. The apparatus according to claim 12, wherein the at least one of a plurality of digital distributed ledger systems comprises a blockchain maintained by the plurality of node.

14. The apparatus according to claim 12, wherein the monitoring comprises monitoring multiple nodes of the plurality of nodes.

15. The apparatus according to claim 12, the apparatus being further caused to determine that the at least one of a plurality of digital distributed ledger systems has reached consensus regarding the at least one of the plurality of transactions prior to the transmitting.

16. The apparatus according to claim 12, wherein the filtering expression is one of a list of predetermined filtering expressions.

17. The apparatus according to claim 12, wherein the filtering expression is not a predetermined filtering expression.

18. The apparatus according to claim 12, wherein the alert is at least one of an application programming interface call, an application programming interface link, an email, a text message, a phone call, and an instant message.

19. The apparatus according to claim 12, the apparatus is further caused to retrieve a plurality of historical transactions on the at least one of a plurality of digital distributed ledger systems; determine that at least one of the plurality of historical transactions has a correspondence with the filtering expression; and in response to receiving a request to transmit, transmit a second data to at least one of a plurality of UEs, the second data comprising second alert to notify a user of the UE of the at least one of the plurality of historical transactions.

20. A non-transitory computer-readable medium tangibly storing computer program instructions which when executed by a processor, cause the processor to at least:

monitor at least one of a plurality nodes of a at least one of a plurality of digital distributed ledger systems;

receive a filtering expression from a user equipment (UE), the filtering expression comprising search parameters for identifying future transactions on the at least one of a plurality of digital distributed ledger systems;

detect a plurality of transactions on the at least one of a plurality of digital distributed ledger systems at the at least one of a plurality of nodes;

determine that at least one of the plurality of transactions on the at least one of a plurality of digital distributed ledger systems at the at least one of a plurality of nodes has a correspondence with the filtering expression; and

transmit a first data to the UE, the first data comprising at least one alert to notify a user of the UE of the at least one of the plurality of transactions.

21. The non-transitory computer-readable medium according to claim 20, wherein the monitoring comprises monitoring multiple nodes of the plurality of nodes.

22. The non-transitory computer-readable medium according to claim 20, wherein the filtering expression is one of a list of predetermined filtering expressions.
23. The non-transitory computer-readable medium according to claim 20, wherein the filtering expression is not a predetermined filtering expression.
24. The non-transitory computer-readable medium according to claim 20, wherein the alert is at least one of an application programming interface call, an application programming interface link, an email, a text message, a phone call, and an instant message.
25. The non-transitory computer-readable medium according to claim 20, the process is further caused to determine that the at least one of a plurality of digital distributed ledger systems has reached consensus regarding the at least one of the plurality of transactions prior to the transmitting.
26. The non-transitory computer-readable medium according to claim 20, the processor is further caused to retrieve a plurality of historical transactions on the at least one of a plurality of digital distributed ledger systems; determine that at least one of the plurality of historical transactions has a correspondence with the filtering expression; and in response to receiving a request to transmit, transmit a second data to at least one of a plurality of UEs, the second data comprising second alert to notify a user of the UE of the at least one of the plurality of historical transactions.
27. A method comprising:
- receiving, by the processor, a filtering expression from a user equipment (UE), the filtering expression comprising search parameters for identifying future transactions on the digital distributed ledger system;
  - determining, by the processor, that at least one of the plurality of transactions from a blockchain datastore has a correspondence with the filtering expression; and

transmitting, by the processor, the at least one of the plurality of transactions to the UE.

28. The method according to claim 27, wherein the plurality of transaction from the blockchain datastore is based on transactions from a blockchain.
29. The method according to claim 27, wherein the transmitting occurs in response to receiving a request from the UE for the at least one of the plurality of transactions.
30. The method according to claim 27, the method further comprising transmitting, by the processor, a first data to at least one of a plurality of UEs, the first data comprising at least one alert to notify a user of the UE of the at least one of the plurality of transactions.
31. The method according to claim 27, wherein the transmitting occurs in response to the at least one of the plurality of transactions meeting a predetermined threshold, and wherein the predetermined threshold is at least one of (i) a predetermined time between transmitting, and (ii) the at least one of the plurality of transactions meeting a predetermined number of transactions.
32. The method according to claim 27, wherein the transmitting is performed in response to receiving, by the processor, a request from the UE to transmit.