

Claim

1. A blockchain-based big data processing system comprising:
 - a blockchain consisting of at least five interconnected nodes, each node comprising a first blockchain large database (200) for storing a first data entered by the node;
 - a safety input module (300) for registering a second data entered by a user;
 - a data transmission module (400) for transmitting the second data to other nodes (100);
 - a data receiving module (500) for receiving the second data sent by other nodes (100);
 - a second blockchain large database (600) for storing a third data;
 - a control module (700) for determining whether the second data is consistent with the first data, and if so, the first data in the first block chain large database (200) is generated to generate a first link corresponding to the second data; if not, converting the second data into the third data and storing the second data into the second block chain large database (600); and if a first preset threshold number of identical the third data is stored in the second block chain large database (600), converting the third data into the first data to be stored in the first block chain large database (200).

2. The blockchain-based big data processing system of claim 1, wherein the control module (700) of each node (100) determines that one of the first block chain large database (200) or the second block chain large database (600) of more than half of the nodes within the block chain is stored with the first link or the third data corresponding to the second data, the data transmission module (400) of the node (100) sends the second data within the first block chain large database (200) or the second block chain large database (600) of the nodes that is not stored with the first link or the third data corresponding to the second data.

3. The blockchain-based big data processing system of claim 1, wherein the control module (700) of each node (100) determines that one of the first block chain large database (200) or the second block chain large database (600) of more than half of the nodes within the block chain is stored with the first link or the third data corresponding to the second data, the data transmission module (400) of the node (100) sends either the first link or the third data within the first block chain large database (200) or the second block chain large database (600) of the node (100) that is not stored with the first link or the third data corresponding to the second data.

4. The blockchain-based big data processing system of claim 3, wherein the first link comprises at least one or more of: transmitting node information, sending time information, and finally modifying information.

5. The blockchain-based big data processing system of claim 4, wherein the control module (700) generates a first preset threshold D according to the number A of the nodes (100), the number B of the first data in the first block chain large database (200), and the number C of

the third data in the second block chain large database (600), the number A, the number B and the number C are in units; the first preset threshold D holds an integer.

6. The blockchain-based big data processing system of claim 5, wherein the control module (700) determines a number E of the second data, which is the same as the first data, inputted by the safety input module (300) in a first preset geographic position range according to a first preset time of a node (100) of a registered user, wherein, if the number E is above a second preset threshold value F, then the control module (700) converts the third data of the node (100) into the first data and is stored in the first block chain large database (200).

7. The blockchain-based big data processing system of claim 6, wherein the control module (700) is connected with a third large database, the third large database stores a pressing level of the pressing button (320) when the second data input by the registered user is stored in the third large database,

wherein the safety input module (300) is used for acquiring the pressing level when the second data input by the user is registered, and

wherein when the number of matches of the pressing level of the registered user pressing button (320) and the pressing level stored in the third large database exceeds a third preset threshold value, then, the safety input module (300) switches to a non-input state.

8. The blockchain-based big data processing system of claim 7, wherein the safety input module (300) comprises a keyboard support (310), at least one button (320) and a communication module(390), the button (320) is arranged on the keyboard support (310), the button (320) comprises a key cap (321), a first rod body (322), a slider (323), a first guide rail (324), a housing (325), a first slide plate (329), a first triangular block (330), a U-shaped spring (331), a bending plate (332), a second guide rail (333), a first electromagnet (334), a second electromagnet (335), and a pressure detector(336); the lower surface of the key cap (321) is fixed to the top of the first rod body (322), the bottom of the first rod body (322) is fixed to the upper surface of a sliding block (323), the side surface of the sliding block (323) moves up and down along the first guide rail (324), and the side surface of the sliding block (323) moves up and down along the first guide rail (324), the first guide rail (324) is fixed to the inner surface of the housing (325), the bottom of the housing (325) is fixed to the keyboard tray (310), the lower surface of the sliding block (323) is fixed to the upper end of the second rod body (326), and the lower surface of the sliding block (323) is fixed to the upper end of the second rod body (326), the lower end of the second rod body (326) can be overlapped with the upper end of a microswitch (328), a first spring is arranged outside the microswitch (328) and the second rod body (326), the upper end of the first spring (327) is fixed to the lower surface of the slider (323), the lower end of the first spring (327) is fixed to the lower surface of the housing (325), the side surface of the sliding block (323) away from the first guide rail (324) is fixed to the upper end of a first sliding plate

(329), and the upper end of the sliding block (323) is fixed to the upper end of the first sliding plate (329), the first slide plate (329) is disposed radially outward, a first triangular block is fixed to the outer surface of the first sliding plate (329), a pressure detector is fixed in the housing (325), the upper end of the pressure detector (336) is fixed to one end of the U-shaped spring (331), and the other end of the U-shaped spring (331) is fixed to one end of the bending plate (332) near the surface of the first triangular block (330), the bent end of the bending plate (332) can be clamped with the outermost end of the first triangular block (330), the first electromagnet is fixed to one end, close to the first triangular block (330), of the U-shaped spring (331), the second electromagnet is fixed to one end, away from the first triangular block (330), of the U-shaped spring (331); the communication module (390) is connected with the control module (700), the microswitch (328), the pressure detector (336), a power supply module of the first electromagnet (334) and a power supply module of the second electromagnet (335); when the control module (700) controls the safety input module (300) to switch to the non-input state, the control module (700) controls a current direction of the power supply module of the first electromagnet (334) and the power supply module of the second electromagnet (335) through the communication module (390) so that the first electromagnet (334) and the second electromagnet (335) repel each other.

9. A method for processing a block chain based on the blockchain-based big data processing system according to claim 1, comprising the steps of:

S100, storing the first data input by a node (100) in a first block chain large database (200);

S200, the second block chain large database (600) stores the third data;

S300, the registered user logs in a registration account;

S400, the second data input by the registered user is registered;

S500, determining whether the second data is consistent with the first data, and if so, the first data in the first block chain large database (200) is generated to generate the first link corresponding to the second data; If not, converting the second data into the third data and storing the second data into a second block chain large database (600);

S600, if the first preset threshold number of identical the third data is stored in the second block chain large database (600), converting the third data into the first data to be stored in the first block chain large database (200).