

CLAIMS

1. A transaction method, wherein the method is applied to a management server, and the method comprises:

receiving a virtual currency transfer request from a first device, the virtual currency transfer
5 request comprising a first amount of a to-be-transferred virtual currency and an identifier of a second device; and

transferring, in response to the virtual currency transfer request, the virtual currency of the first amount belonging to the first device to the second device corresponding to the identifier of the second device,

10 wherein the virtual currency is used to be exchanged for a legal currency.

2. The method of claim 1, wherein the method further comprises:

receiving a virtual currency exchange request from the second device, the virtual currency exchange request comprising a second amount of a to-be-exchanged virtual currency; and

15 exchanging for the legal currency corresponding to the virtual currency of the second amount to a target device, wherein the target device is a device that provides legal currency support.

3. The method of claim 2, wherein the method further comprises:

destroying the virtual currency of the second amount.

4. The method of claim 1, wherein the method further comprises:

20 receiving a legal currency exchange request, the legal currency exchange request comprising a third amount of a to-be-exchanged legal currency; and

exchanging for a virtual currency corresponding to the legal currency of the third amount to a target device, wherein the target device is a device that provides legal currency support.

5. The method of claim 1, wherein the transferring the virtual currency of the first amount
25 belonging to the first device to the second device corresponding to the identifier of the second device comprises:

verifying a virtual currency transfer permission of the first device; and

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transferring, if the virtual currency transfer permission succeeds in the verification, the virtual currency of the first amount belonging to the first device to the second device corresponding to the identifier of the second device.

6. The method of any one of claims 1 to 5, wherein the method further comprises:

5 allocating data uploaded by the first device and/or the second device to a target node in a blockchain.

7. The method of claim 6, further comprising storing, by the management server and in the target node, the first amount of the virtual currency transferred in accordance with the virtual currency transfer request.

10 8. A transaction apparatus, wherein the apparatus is applied to a management server, and the apparatus comprises:

a first receiving module configured to receive a virtual currency transfer request from a first device, the virtual currency transfer request comprising a first amount of a to-be-transferred virtual currency and an identifier of a second device; and

15 a transfer module configured to transfer, in response to the virtual currency transfer request, the virtual currency of the first amount belonging to the first device to the second device corresponding to the identifier of the second device,

wherein the virtual currency is used to be exchanged for a legal currency.

9. The apparatus of claim 8, wherein the apparatus further comprises:

20 a second receiving module configured to receive a virtual currency exchange request from the second device, the virtual currency exchange request comprising a second amount of a to-be-exchanged virtual currency; and

a first exchange module configured to exchange for the legal currency corresponding to the virtual currency of the second amount to a target device, wherein the target device is a device that
25 provides legal currency support.

10. A device, wherein the device comprises a memory and a processor;

the memory is configured to store a computer program; and

the processor is configured to perform the transaction method of any one of claims 1 to 8 according to the computer program.

11. A transaction system, wherein the system comprises the first device, the second device, and the management server of any one of claims 1 to 8, and the target device of any one of
- 5 claims 2 to 4.