Summary Of The Invention

The Problem To Be Solved By The Invention

[0006]

Casinos are also required to introduce automatic exchange devices for gaming chip and cash currency that can be operated without human intervention. Since conventional exchange devices cannot identify the person wishing exchange P activity, and it has a problem that cannot obtain information on the exchange activity performed by a customer who is suspected of receiving a large amount of gaming chips as by fraudulent activity.

[0007]

Embodiments of ~~T~~the present invention ~~has been invented in view of the circumstances, and~~seek to provide~~s~~ a gaming chip and cash currency exchange device equipped with a function recognizing for the person wishing exchange P activity.

Means For Solving The Problem

[0008]

~~In order to solve the above problem, o~~One aspect of the present invention ~~is~~ provides an exchange device for gaming chip and cash currency, wherein the gaming chip has a color or indication on ~~the~~ an outer surface that represents a value, the exchange device comprising:

a cash currency insertion opening;

a cash currency reading section configured to acquire authenticity information and currency information of the cash currency inserted from the cash currency insertion opening;

an inserted cash currency amount display section configured to display an amount of the cash currency acquired by the cash currency reading section;

a gaming chip storage section configured to store the gaming chip by type;

a gaming chip dispensing section configured to dispense the gaming chip corresponding to the amount of cash currency acquired by the cash currency reading section from the gaming chip storage section; and

a take-out section on which the dispensed gaming chip is placed,

wherein the gaming chip has an embedded wireless tag storing chip information,

the exchange device further comprising:

a wireless tag reading section configured to read the wireless tag of the gaming chip placed on the take-out section to obtain the chip information of the gaming chip;

a determining section configured to determine whether or not there is an abnormality in the chip information of the gaming chip obtained from the wireless tag reading section; and

a control section configured to enable the gaming chip at the take-out section to be taken out when the determining section determines that there is no abnormality,

wherein the take-out section is further provided with an openable door, and

wherein the door is closed while the determining section is determining, and the door is opened when the determining section determines that there is no abnormality.

currency, the user management section may be configured to allow a predetermined exchange ratio to be set for each user under a predetermined condition.

[0016]

Further, the exchange device for gaming chip and cash currency may further comprise:

a cash currency storage section configured to store the cash currency by type; and

a cash currency holding section configured to temporarily hold the cash currency inserted from the insertion opening,

the cash currency holding section may have a function to move the inserted cash currency into the cash currency storage section by type when the exchange is executed.

[0017]

Further, in the exchange device for gaming chip and cash currency, the gaming chip dispensing section may have a function to pay out the gaming chips individually or in batches.

[0018]

~~Further, in the exchange device for gaming chip and cash currency, the gaming chip may have an embedded wireless tag storing chip information,~~

~~the exchange device may further comprise:~~

~~a wireless tag reading section configured to read the wireless tag of the gaming chip placed on the take-out section to obtain the chip information of the gaming chip;~~

~~a determining section configured to determine whether or not there is an abnormality in the chip information of the gaming chip obtained from the wireless tag reading section; and~~

~~a control section configured to enable the gaming chip at the take-out section to be taken out when the determining section determines that there is no abnormality.~~

[0019]

~~Further, in the exchange device for gaming chip and cash currency, the take-out section may be further provided with an openable door,~~

~~the door may be closed while the determining section is~~

~~determining, and the door may be opened when the determining section determines that there is no abnormality.~~

[0020]

Further, the exchange device for gaming chip and cash currency as may further comprise an appearance inspection section which inspects an appearance of the gaming chip placed on the take-out section.

[0021]

Further, the exchange device for gaming chip and cash currency may further comprise an appearance inspection section which inspects an appearance of the gaming chip placed on the take-out section,

the appearance inspection section may be configured to optically ascertain number or value of the gaming chips placed on the take-out section, and

the determining section may compare and determine the chip information of the gaming chip obtained from the wireless tag reading section and number or value of the gaming chips obtained from the appearance inspection section, and if both of them match, the determining section may determine that the gaming chip placed in the take-out section is free of defects.

[0022]

Further, in the exchange device for gaming chip and cash currency, the gaming chip may have a multi-layered structure in which a plurality of plastic layers of different colors are stacked, with a colored layer at least in the middle, and a white layer or a light colored layer on both sides of the colored layer in the middle to form a striped pattern on the sides in the direction of stacking, so that the type of gaming chip can be identified by the colored layer,

the appearance inspection section may be configured to ascertain the number or value of the gaming chip by the colored layer.

[0023]

Another aspect of the present invention provides a device for exchanging gaming chips and cash currency, ~~in another embodiment of the invention is configured as follows:~~

wherein the gaming chip incorporates a wireless tag storing currency information and has a color or indication of value on ~~the~~ an outside surface,

the device ~~comprises~~comprising:

an insertion opening through which the gaming chip can pass;

a wireless tag reading section configured to read the wireless tag of the gaming chip inserted through the insertion opening and obtains the currency information on the gaming chip;

a determining section configured to determine whether or not the currency information of the gaming chip obtained from the wireless tag reading section is abnormal;

an inserted amount display section configured to display the amount of the gaming chip that is determined by the determining section to be free of abnormalities;

a cash currency storage section configured to store the cash currency by type; and

a cash currency dispensing section configured to dispense cash currency from the cash currency storage section corresponding to the amount of the gaming chips that the determining section determines to be free of abnormalities,

further comprising an appearance inspection section configured to inspect an appearance of the gaming chip inserted through the insertion opening,

wherein the appearance inspection section has a function to optically ascertain a number or value of gaming chips inserted through the insertion opening, and

wherein the determining section is configured to compare and determine the currency information of the gaming chip obtained from the wireless tag reading section and the number or value of the gaming chip obtained from the appearance inspection section, and if both of them match, the gaming chip is determined to be free of abnormalities.

[0024]

Further, the device for exchanging gaming chips for cash currency may further comprise a user recognition section configured to recognize a person wishing exchange.

[0025]

Further, in the device for exchanging gaming chips for cash currency, the user recognition section may have a function to capture an image of a person wishing exchange using a camera at the time of executing the exchange and to extract and identify an image of the face of the person wishing exchange from the image captured by the camera.

[0026]

Further, the device for exchanging gaming chips for cash currency may further comprise a user ID information input section to which ID information of the person wishing exchange is input,

the user recognition section may have a function to identify a person wishing exchange from information on the person wishing exchange obtained by the user ID information input section.

[0027]

Further, in the device for exchanging gaming chips for cash currency, the user ID information input section may be configured to obtain the information on the person wishing exchange by means of a member's card.

[0028]

Further, the device for exchanging gaming chips for cash currency may further comprise a user management section configured to store in a database information on number of times or amount of cash currency to be exchanged during a predetermined period of time for a specific user recognized by the user ID recognition section.

[0029]

Further, in the device for exchanging gaming chips for cash currency, the user management section may be configured to grant points or status to a user under a predetermined condition, and is capable of outputting the same.

[0030]

Further, in the device for exchanging gaming chips for cash currency, the user management section may be configured to allow a predetermined exchange ratio to be set for each user under a predetermined condition.

[0031]

Further, the device for exchanging gaming chips for cash currency may further comprise:

a gaming chip storage section configured to store the gaming chips by type; and

a gaming chip holding section configured to temporarily hold the gaming chip inserted through the insertion opening,

the gaming chip holding section may have a function to move the inserted gaming chips to the gaming chip storage section by type when executing the exchange.

[0032]

~~Further, the device for exchanging gaming chips for cash currency may further comprise an appearance inspection section configured to inspect an appearance of the gaming chip inserted through the insertion opening.~~

[0033]

~~Further, in the device for exchanging gaming chips for cash currency, the appearance inspection section may have a function to optically ascertain the number or value of gaming chips inserted through the insertion opening,~~

~~the determining section may be configured to compare and determine the chip information of the gaming chip obtained from the wireless tag reading section and the number or value of the gaming chip obtained from the appearance inspection section, and if both of them match, the gaming chip may be determined to be free of abnormalities.~~

[0034]

Further, in the device for exchanging gaming chips for cash currency, the gaming chip may have a multi-layered structure in which a plurality of plastic layers of different colors are stacked, with a colored layer at least in the middle, and a white layer or a light colored layer on both sides of the colored layer in the middle to form a striped pattern on the sides in the direction of stacking, so that the type of gaming chip can be identified by the colored layer,

the appearance inspection section may be configured to ascertain the number or value of the gaming chips by the colored layer.

[0035]

Another aspect of the present invention provides an exchange device for a gaming chip and cash currency, ~~in another embodiment of the present invention is configured as follows:~~

wherein the gaming chip incorporates a wireless tag storing currency information and has a color or indication of value on ~~the~~ an outside surface,

the exchange device ~~comprises~~comprising:

an insertion opening through which the cash currency or the gaming chip can pass;

a cash currency reading section configured to acquire authenticity information and currency information of the cash currency inserted from the insertion opening;

a wireless tag reading section configured to read the wireless tag of the gaming chip inserted through the insertion opening and obtains currency information on the gaming chip;

a determining section configured to determine whether or not the currency information of the gaming chip obtained from the wireless tag reading section is abnormal;

an inserted amount display section configured to display ~~the~~ an amount of cash currency obtained by the cash currency reading section or ~~the~~ an amount of ~~the~~ gaming chips that is determined by the determining section to be free of abnormalities;

a gaming chip storage section configured to store the gaming chips by type;

a cash currency storage section configured to store the cash currency by type;

a gaming chip dispensing section configured to dispense the gaming chips corresponding to the amount of cash currency acquired by the cash currency reading section from the gaming chip storage section;

a take-out section on which the disbursed gaming chips are placed; and

a cash currency dispensing section configured to dispense the cash currency from the cash currency storage section corresponding to the amount of gaming chips that the determining section determines to be free of abnormalities,

further comprising an appearance inspection section configured to inspect an appearance of the gaming chip inserted through the insertion opening,

wherein the appearance inspection section has a function to optically ascertain a number or value of gaming chips inserted through the insertion opening, and

wherein the determining section is configured to compare and determine the currency information of the gaming chip obtained from the wireless tag reading section and the number or value of the gaming chip obtained from the appearance inspection section, and if both of them match, the gaming chip is determined to be free of abnormalities.

Effect Of The Invention

[0036]

According to the exchange device for gaming chip and cash currency in embodiments of the present invention, it is possible to identify a user who has carried out a gaming chip and cash currency exchange using the device.

Brief Description Of The Drawings

[0037]

FIG. 1 is an oblique view of stacked gaming chips in an embodiment of the present invention;

FIG. 2 is a diagram illustrating an overall configuration of an exchange device for gaming chips and cash currency in a first embodiment of the present invention;

Claims:

~~1. An exchange device for gaming chip and cash currency, wherein the gaming chip has a color or indication on the outer surface that represents a value, the exchange device comprising:~~

~~a cash currency insertion opening;~~

~~a cash currency reading section configured to acquire authenticity information and currency information of the cash currency inserted from the cash currency insertion opening;~~

~~an inserted cash currency amount display section configured to display an amount of the cash currency acquired by the cash currency reading section;~~

~~a gaming chip storage section configured to store the gaming chip by type;~~

~~a gaming chip dispensing section configured to dispense the gaming chip corresponding to the amount of cash currency acquired by the cash currency reading section from the gaming chip storage section; and~~

~~a take-out section on which the dispensed gaming chip is placed.~~

~~2. The exchange device for gaming chip and cash currency as claimed in claim 1, further comprising a user recognition section configured to recognize a person wishing exchange.~~

~~3. The exchange device for gaming chip and cash currency as claimed in claim 2, wherein the user recognition section has a function to capture an image of a person wishing exchange using a camera at a time of executing the exchange and to extract and identify an image of the face of the person wishing exchange from the image captured by the camera.~~

~~4. The exchange device for gaming chip and cash currency as claimed in claim 2 or 3, further comprising a user ID information input section to which inputs ID information of the person wishing exchange,~~

~~wherein the user recognition section has a function to identify the person wishing exchange from the information on the person wishing exchange obtained by the user ID information input section.~~

~~5. The exchange device for gaming chip and cash currency as claimed~~

~~in claim 4, wherein the user ID information input section is configured to obtain the information on the person wishing exchange by means of a member's card.~~

~~6. The exchange device for gaming chip and cash currency as claimed in any one of claims 2 to 5, further comprising a user management section which stores in a database information on number of times or amount of cash currency exchanged during a predetermined period of time for a specific user recognized by the user ID recognition section.~~

~~7. The exchange device for gaming chip and cash currency as claimed in claim 6, wherein the user management section is configured to grant points or status to the user under a predetermined condition, and is capable of outputting the same.~~

~~8. The exchange device for gaming chip and cash currency as claimed in claim 6 or 7, wherein the user management section is configured to allow a predetermined exchange ratio to be set for each user under a predetermined condition.~~

~~9. The exchange device for gaming chip and cash currency as claimed in any one of claims 1 to 8, further comprising:~~

~~a cash currency storage section configured to store the cash currency by type; and~~

~~a cash currency holding section configured to temporarily hold the cash currency inserted from the insertion opening,~~

~~wherein the cash currency holding section has a function to move the inserted cash currency into the cash currency storage section by type when the exchange is executed.~~

~~10. The exchange device for gaming chip and cash currency as claimed in any one of claims 1 to 9, wherein the gaming chip dispensing section has a function to pay out the gaming chips individually or in batches.~~

~~11. The exchange device for gaming chip and cash currency as claimed in any one of claims 1 to 10, wherein the gaming chip has an embedded wireless tag storing chip information,~~

~~the exchange device further comprising:~~

~~a wireless tag reading section configured to read the wireless tag of the gaming chip placed on the take-out section to obtain the chip information of the gaming chip;~~

~~a determining section configured to determine whether or not there is an abnormality in the chip information of the gaming chip obtained from the wireless tag reading section; and~~

~~a control section configured to enable the gaming chip at the take-out section to be taken out when the determining section determines that there is no abnormality.~~

~~12. The exchange device for gaming chip and cash currency as claimed in claim 11, wherein the take-out section is further provided with an openable door,~~

~~wherein the door is closed while the determining section is determining, and the door is opened when the determining section determines that there is no abnormality.~~

~~13. The exchange device for gaming chip and cash currency as claimed in any one of claims 1 to 12, further comprising an appearance inspection section which inspects an appearance of the gaming chip placed on the take-out section.~~

~~14. The exchange device for gaming chip and cash currency as claimed in claim 11, further comprising an appearance inspection section which inspects an appearance of the gaming chip placed on the take-out section,~~

~~wherein the appearance inspection section is configured to optically ascertain number or value of the gaming chips placed on the take-out section, and~~

~~wherein the determining section compares and determines the chip information of the gaming chip obtained from the wireless tag reading section and number or value of the gaming chips obtained from the appearance inspection section, and if both of them match, the determining section determines that the gaming chip placed in the take-out section is free of defects.~~

~~15. The exchange device for gaming chip and cash currency as claimed~~

~~in claim 14, wherein the gaming chip has a multi-layered structure in which a plurality of plastic layers of different colors are stacked, with a colored layer at least in the middle, and a white layer or a light colored layer on both sides of the colored layer in the middle to form a striped pattern on the sides in the direction of stacking, so that the type of gaming chip can be identified by the colored layer,~~

~~wherein the appearance inspection section is configured to ascertain the number or value of the gaming chip by the colored layer.~~

~~16. A device for exchanging gaming chips for cash currency, wherein the gaming chip incorporates a wireless tag storing currency information and has a color or indication of value on the outside surface, the device comprising:~~

~~an insertion opening through which the gaming chip can pass;~~

~~a wireless tag reading section configured to read the wireless tag of the gaming chip inserted through the insertion opening and obtains the currency information on the gaming chip;~~

~~a determining section configured to determine whether or not the currency information of the gaming chip obtained from the wireless tag reading section is abnormal;~~

~~an inserted amount display section configured to display the amount of the gaming chip that is determined by the determining section to be free of abnormalities;~~

~~a cash currency storage section configured to store the cash currency by type; and~~

~~a cash currency dispensing section configured to dispense cash currency from the cash currency storage section corresponding to the amount of the gaming chips that the determining section determines to be free of abnormalities.~~

~~17. The device for exchanging gaming chips for cash currency as claimed in claim 16, further comprising a user recognition section configured to recognize a person wishing exchange.~~

~~18. The device for exchanging gaming chips for cash currency as claimed in claim 17, wherein the user recognition section has a function to capture an image of a person wishing exchange using a camera at the time~~

~~of executing the exchange and to extract and identify an image of the face of the person wishing exchange from the image captured by the camera.~~

~~19. The device for exchanging gaming chips for cash currency as claimed in claim 17 or 18, further comprising a user ID information input section to which ID information of the person wishing exchange is input,~~

~~wherein the user recognition section has a function to identify a person wishing exchange from information on the person wishing exchange obtained by the user ID information input section.~~

~~20. The device for exchanging gaming chips for cash currency as claimed in claim 19, wherein the user ID information input section is configured to obtain the information on the person wishing exchange by means of a member's card.~~

~~21. The device for exchanging gaming chips for cash currency as claimed in any one of claims 17 to 20, further comprising a user management section configured to store in a database information on number of times or amount of cash currency to be exchanged during a predetermined period of time for a specific user recognized by the user ID recognition section.~~

~~22. The device for exchanging gaming chips for cash currency as claimed in claim 21, wherein the user management section is configured to grant points or status to a user under a predetermined condition, and is capable of outputting the same.~~

~~23. The device for exchanging gaming chips for cash currency as claimed in claim 21 or 22, wherein the user management section is configured to allow a predetermined exchange ratio to be set for each user under a predetermined condition.~~

~~24. The device for exchanging gaming chips for cash currency as claimed in any one of claims 16 to 23, further comprising:~~

~~a gaming chip storage section configured to store the gaming chips by type; and~~

~~a gaming chip holding section configured to temporarily hold the gaming chip inserted through the insertion opening,~~

~~wherein the gaming chip holding section has a function to move the inserted gaming chips to the gaming chip storage section by type when executing the exchange.~~

~~25. The device for exchanging gaming chips for cash currency as claimed in any one of claims 16 to 24, further comprising an appearance inspection section configured to inspect an appearance of the gaming chip inserted through the insertion opening.~~

~~26. The device for exchanging gaming chips for cash currency as claimed in claim 25, wherein the appearance inspection section has a function to optically ascertain the number or value of gaming chips inserted through the insertion opening,~~

~~wherein the determining section is configured to compare and determine the chip information of the gaming chip obtained from the wireless tag reading section and the number or value of the gaming chip obtained from the appearance inspection section, and if both of them match, the gaming chip is determined to be free of abnormalities.~~

~~27. The device for exchanging gaming chips for cash currency as claimed in claim 26, wherein the gaming chip has a multi-layered structure in which a plurality of plastic layers of different colors are stacked, with a colored layer at least in the middle, and a white layer or a light colored layer on both sides of the colored layer in the middle to form a striped pattern on the sides in the direction of stacking, so that the type of gaming chip can be identified by the colored layer,~~

~~wherein the appearance inspection section is configured to ascertain the number or value of the gaming chips by the colored layer.~~

~~28. An exchange device for a gaming chip and cash currency, wherein the gaming chip incorporates a wireless tag storing currency information and has a color or indication of value on the outside surface, the exchange device comprising:~~

~~an insertion opening through which the cash currency or the gaming chip can pass;~~

~~a cash currency reading section configured to acquire authenticity information and currency information of the cash currency inserted from~~

~~the insertion opening;~~

~~a wireless tag reading section configured to read the wireless tag of the gaming chip inserted through the insertion opening and obtains currency information on the gaming chip;~~

~~a determining section configured to determine whether or not the currency information of the gaming chip obtained from the wireless tag reading section is abnormal;~~

~~an inserted amount display section configured to display the amount of cash currency obtained by the cash currency reading section or the amount of the gaming chip that is determined by the determining section to be free of abnormalities;~~

~~a gaming chip storage section configured to store the gaming chips by type;~~

~~a cash currency storage section configured to store the cash currency by type;~~

~~a gaming chip dispensing section configured to dispense the gaming chips corresponding to the amount of cash currency acquired by the cash currency reading section from the gaming chip storage section;~~

~~a take-out section on which the disbursed gaming chips are placed;~~ ~~and~~

~~a cash currency dispensing section configured to dispense the cash currency from the cash currency storage section corresponding to the amount of gaming chips that the determining section determines to be free of abnormalities.~~

1. An exchange device for gaming chip and cash currency, wherein the gaming chip has a color or indication on an outer surface that represents a value, the exchange device comprising:

a cash currency insertion opening;

a cash currency reading section configured to acquire authenticity information and currency information of the cash currency inserted from the cash currency insertion opening;

an inserted cash currency amount display section configured to display an amount of the cash currency acquired by the cash currency reading section;

a gaming chip storage section configured to store the gaming chip by type;

a gaming chip dispensing section configured to dispense the gaming

chip corresponding to the amount of cash currency acquired by the cash currency reading section from the gaming chip storage section; and

a take-out section on which the dispensed gaming chip is placed,

wherein the gaming chip has an embedded wireless tag storing chip information,

the exchange device further comprising:

a wireless tag reading section configured to read the wireless tag of the gaming chip placed on the take-out section to obtain the chip information of the gaming chip;

a determining section configured to determine whether or not there is an abnormality in the chip information of the gaming chip obtained from the wireless tag reading section; and

a control section configured to enable the gaming chip at the take-out section to be taken out when the determining section determines that there is no abnormality,

wherein the take-out section is further provided with an openable door, and

wherein the door is closed while the determining section is determining, and the door is opened when the determining section determines that there is no abnormality.

2. The exchange device for gaming chip and cash currency as claimed in claim 1, further comprising a user recognition section configured to recognize a person wishing exchange.

3. The exchange device for gaming chip and cash currency as claimed in claim 2, wherein the user recognition section has a function to capture an image of a person wishing exchange using a camera at a time of executing an exchange and to extract and identify an image of a face of the person wishing exchange from the image captured by the camera.

4. The exchange device for gaming chip and cash currency as claimed in claim 2 or 3, further comprising a user ID information input section to which inputs ID information of the person wishing exchange is input,

wherein the user recognition section has a function to identify the person wishing exchange from the ID information on the person wishing exchange obtained by the user ID information input section.

5. The exchange device for gaming chip and cash currency as claimed in claim 4, wherein the user ID information input section is configured to obtain the ID information on the person wishing exchange by means of a member's card.

6. The exchange device for gaming chip and cash currency as claimed in any one of claims 2 to 5, further comprising a user management section which stores in a database information on a number of times or an amount of cash currency exchanged during a predetermined period of time for a specific user recognized by the user recognition section.

7. The exchange device for gaming chip and cash currency as claimed in claim 6, wherein the user management section is configured to grant points or status to the user under a predetermined condition, and is capable of outputting the same.

8. The exchange device for gaming chip and cash currency as claimed in claim 6 or 7, wherein the user management section is configured to allow a predetermined exchange ratio to be set for each user under a predetermined condition.

9. The exchange device for gaming chip and cash currency as claimed in any one of claims 1 to 8, further comprising:

a cash currency storage section configured to store the cash currency by type; and

a cash currency holding section configured to temporarily hold the cash currency inserted from the insertion opening,

wherein the cash currency holding section has a function to move the inserted cash currency into the cash currency storage section by type when an exchange is executed.

10. The exchange device for gaming chip and cash currency as claimed in any one of claims 1 to 9, wherein the gaming chip dispensing section has a function to pay out the gaming chips individually or in batches.

11. The exchange device for gaming chip and cash currency as claimed

in any one of claims 1 to 10, further comprising an appearance inspection section which inspects an appearance of the gaming chip placed on the take-out section.

12. The exchange device for gaming chip and cash currency as claimed in claim 1, further comprising an appearance inspection section which inspects an appearance of the gaming chip placed on the take-out section,

wherein the appearance inspection section is configured to optically ascertain a number or value of the gaming chips placed on the take-out section, and

wherein the determining section compares and determines the chip information of the gaming chip obtained from the wireless tag reading section and the number or value of the gaming chips obtained from the appearance inspection section, and if both of them match, the determining section determines that the gaming chip placed in the take-out section is free of defects.

13. The exchange device for gaming chip and cash currency as claimed in claim 12, wherein the gaming chip has a multi-layered structure in which a plurality of plastic layers of different colors are stacked, with a colored layer at least in the middle, and a white layer or a light colored layer on both sides of the colored layer in the middle to form a striped pattern on the sides in the direction of stacking, so that the type of gaming chip can be identified by the colored layer,

wherein the appearance inspection section is configured to ascertain the number or value of the gaming chip by the colored layer.

14. A device for exchanging gaming chips for cash currency, wherein the gaming chip incorporates a wireless tag storing currency information and has a color or indication of value on an outside surface, the device comprising:

an insertion opening through which the gaming chip can pass;

a wireless tag reading section configured to read the wireless tag of the gaming chip inserted through the insertion opening and obtains the currency information on the gaming chip;

a determining section configured to determine whether or not the currency information of the gaming chip obtained from the

wireless tag reading section is abnormal;

an inserted amount display section configured to display the amount of the gaming chip that is determined by the determining section to be free of abnormalities;

a cash currency storage section configured to store the cash currency by type; and

a cash currency dispensing section configured to dispense cash currency from the cash currency storage section corresponding to the amount of the gaming chips that the determining section determines to be free of abnormalities,

further comprising an appearance inspection section configured to inspect an appearance of the gaming chip inserted through the insertion opening,

wherein the appearance inspection section has a function to optically ascertain a number or value of gaming chips inserted through the insertion opening, and

wherein the determining section is configured to compare and determine the currency information of the gaming chip obtained from the wireless tag reading section and the number or value of the gaming chip obtained from the appearance inspection section, and if both of them match, the gaming chip is determined to be free of abnormalities.

15. The device for exchanging gaming chips for cash currency as claimed in claim 14, further comprising a user recognition section configured to recognize a person wishing exchange.

16. The device for exchanging gaming chips for cash currency as claimed in claim 15, wherein the user recognition section has a function to capture an image of a person wishing exchange using a camera at a time of executing an exchange and to extract and identify an image of a face of the person wishing exchange from the image captured by the camera.

17. The device for exchanging gaming chips for cash currency as claimed in claim 15 or 16, further comprising a user ID information input section to which ID information of the person wishing exchange is input,

wherein the user recognition section has a function to identify the person wishing exchange from information on the person wishing exchange

obtained by the user ID information input section.

18. The device for exchanging gaming chips for cash currency as claimed in claim 17, wherein the user ID information input section is configured to obtain the information on the person wishing exchange by means of a member's card.

19. The device for exchanging gaming chips for cash currency as claimed in any one of claims 15 to 18, further comprising a user management section configured to store in a database information on a number of times or amount of cash currency to be exchanged during a predetermined period of time for a specific user recognized by the user recognition section.

20. The device for exchanging gaming chips for cash currency as claimed in claim 19, wherein the user management section is configured to grant points or status to a user under a predetermined condition, and is capable of outputting the same.

21. The device for exchanging gaming chips for cash currency as claimed in claim 19 or 20, wherein the user management section is configured to allow a predetermined exchange ratio to be set for each user under a predetermined condition.

22. The device for exchanging gaming chips for cash currency as claimed in any one of claims 14 to 21, further comprising:

a gaming chip storage section configured to store the gaming chips by type; and

a gaming chip holding section configured to temporarily hold the gaming chip inserted through the insertion opening,

wherein the gaming chip holding section has a function to move the inserted gaming chips to the gaming chip storage section by type when executing an exchange.

23. The device for exchanging gaming chips for cash currency as claimed in claim 14, wherein the gaming chip has a multi-layered structure in which a plurality of plastic layers of different colors are stacked, with a colored layer at least in the middle, and a white

layer or a light colored layer on both sides of the colored layer in the middle to form a striped pattern on the sides in the direction of stacking, so that the type of gaming chip can be identified by the colored layer,

wherein the appearance inspection section is configured to ascertain the number or value of the gaming chips by the colored layer.

24. An exchange device for a gaming chip and cash currency, wherein the gaming chip incorporates a wireless tag storing currency information and has a color or indication of value on an outside surface, the exchange device comprising:

an insertion opening through which the cash currency or the gaming chip can pass;

a cash currency reading section configured to acquire authenticity information and currency information of the cash currency inserted from the insertion opening;

a wireless tag reading section configured to read the wireless tag of the gaming chip inserted through the insertion opening and obtains the currency information on the gaming chip;

a determining section configured to determine whether or not the currency information of the gaming chip obtained from the wireless tag reading section is abnormal;

an inserted amount display section configured to display an amount of cash currency obtained by the cash currency reading section or an amount of gaming chips that is determined by the determining section to be free of abnormalities;

a gaming chip storage section configured to store the gaming chips by type;

a cash currency storage section configured to store the cash currency by type;

a gaming chip dispensing section configured to dispense the gaming chips corresponding to the amount of cash currency acquired by the cash currency reading section from the gaming chip storage section;

a take-out section on which the disbursed gaming chips are placed; and

a cash currency dispensing section configured to dispense the cash currency from the cash currency storage section corresponding to the amount of gaming chips that the determining section determines to be free

of abnormalities,

further comprising an appearance inspection section configured to inspect an appearance of the gaming chip inserted through the insertion opening,

wherein the appearance inspection section has a function to optically ascertain a number or value of gaming chips inserted through the insertion opening, and

wherein the determining section is configured to compare and determine the currency information of the gaming chip obtained from the wireless tag reading section and the number or value of the gaming chip obtained from the appearance inspection section, and if both of them match, the gaming chip is determined to be free of abnormalities.