[0007]

An aspect of the present invention provides a management system for managing packages used in casinos, wherein the packages are used at game table in the casino, a plurality of the packages of the same type are used at the game table, and the packages have RFID tags storing IDs to distinguish them from other packages of the same type, the casino has a storage location where the packages are maintained by the casino and a use location where the packages are used, the management system comprising: a plurality of RFID readers provided in at least the storage and the use location to read RFID tags of the packages; a management control device that manages movement of the packages between the storage location and the use location in the casino with a plurality of game tables, wherein the management control device is configured to determine whether the ID read by the RFID reader at the storage location matches the ID read by the RFID reader at the use location.

[0007a]

Another aspect of the present invention provides a management system for managing packages used in a casino, wherein the packages are used at a game table in the casino, a plurality of the packages of the same type are used at the game table, and the packages have RFID tags storing IDs to distinguish them from other packages of the same type, the casino has a storage location where the packages are maintained by the casino and a use location where the packages are used, and the use location is provided in the game table, the management system comprising: a first RFID reader provided in the storage location to read the RFID tags of the packages; a second RFID reader provided at the use location to read the RFID tags of the packages; a third RFID reader that reads the RFID tags of the packages on their way between the storage location and the use location; and a management control device that manages movement of the packages between the storage location and the use location based on the results of a reading result of the first RFID reader, a reading result of the second RFID reader, and a reading result of the third RFID reader.

[0007b]

There is also disclosed a system for administrating a package of shuffled playing cards, wherein

a predetermined number of decks of game cards are shuffled in a random order and individually packaged as one package, an unique ID code is attached to the package of each unique shuffled game cards

the system having

one or more ID code reader(s) for reading all of ID codes of the packages which have been brought into a pit for a game table,

an administrating controller for monitoring each ID code of all existing packages of shuffled game cards at the pit with obtaining each ID codes of all existing packages of shuffled game cards at the pit by the ID code reader(s),

the ID code reader(s) is also disposed at the game table for reading the ID code of the packages at the game table to identify the package which will be the next use for a card dealing shoe,

wherein,

the ID codes of the packages for the next use is examined whether it is the one properly arrived on the game table or the one arrived at proper timing or period of time by the administrating controller.

[0008]

There is also disclosed a method for administrating a package of shuffled playing cards,

wherein

a predetermined number of decks of game cards are shuffled in a random order and individually packaged as one package, an unique ID code is attached to the package of each unique shuffled game cards

and

Claims:

1. A management system for managing packages used in casinos, wherein

the packages are used at a game table in the casino,

a plurality of the packages of the same type are used at the game table, and the packages have RFID tags storing IDs to distinguish them from other packages of the same type,

the casino has a storage location where the packages are maintained by the casino and a use location where the packages are used,

the management system comprising:

a plurality of RFID readers provided in at least the storage and the use location to read RFID tags of the packages;

a management control device that manages movement of the packages between the storage location and the use location in the casino with a plurality of game tables, wherein

the management control device is configured to determine whether the ID read by the RFID reader at the storage location matches the ID read by the RFID reader at the use location.

2. The management system according to claim 1, wherein

the plurality of RFID readers include an RFID reader that reads the RFID tags of the packages in course of movement between the storage location and the use location, and

the management control device is configured to determine whether the ID read by the RFID reader in course of movement matches the ID read by the RFID reader at the use location.

3. The management system according to claim 1, wherein

the plurality of RFID readers include an RFID reader that reads the RFID tags of the packages in course of movement between the storage location and the use location,

the management control device is configured to determine whether the ID read by the RFID reader at the storage location matches the ID read by the RFID reader in course of movement.

4. The management system according to claim 1, wherein

the casino has a plurality of the use locations,

the management control device is configured to identify to which of the plurality of the use locations the packages have been moved from the storage location.

5. The management system according to claim 1, wherein
the storage location is a backyard of the casino and the use location is the game table.

6. The management system according to claim 1, wherein
the storage location is a pit and the use location is the game table.

7. The management system according to claim 1, wherein
the storage location is a backyard of the casino and the use location is a pit.

8. The management system according to claim 1, wherein
the storage location is at or near the game table and the use location is on the game table.

9. The management system according to claim 1, wherein
the RFID reader reads the ID from the RFID tags of the packages brought from the storage location, multiple times.

10. The management system according to claim 1, wherein
the RFID reader repeatedly reads the ID from the RFID tags of the packages brought in from the storage location at a predetermined time interval, at the use location.

11. The management system according to claim 1, wherein
the storage location is a backyard of the casino,
the management system further comprising a database that stores the ID given to the packages brought into a backyard as a registered ID,
the management control device is configured to determine whether the ID read by the RFID reader is registered in the database.

12. The management system according to claim 7, wherein

the management control device is configured to output a signal for the packages that is not registered when it is determined that the ID read by the RFID reader is not registered in the database.

13. The management system according to claim 1, wherein

the plurality of RFID readers read the RFID tags of the packages being taken out of the storage location and/or read the RFID tags of the packages having been moved to the use location.

14. The management system according to claim 1, wherein

the RFID reader is provided on the game table to read the RFID tags of the packages on the game table.

15. The management system according to claim 13, wherein

the RFID reader reads the RFID tags of the packages at a time in accordance with the progress of the game.

16. The management system according to claim 1, wherein

the management control device is configured to output a signal that the movement of the packages has been correctly completed if it is determined that the ID read by the RFID reader at a departure location matches the ID read by the RFID reader at an arrival location.

17. The management system according to claim 1, wherein

the management control device is further configured to determine whether the movement of the packages between the storage location and the use location has been completed at an appropriate time or in an appropriate period of time.

18. The management system according to claim 1, wherein

the management control device is further configured to determine whether the packages have been moved between the storage location and the use location via an appropriate route.

19. The management system according to claim 1, wherein

the management control device is configured to determine whether or not the packages are suspicious based on the ID read by the RFID reader.

20. The management system according to claim 1, further comprising a database, wherein

the management control device is configured to store information on at least one of:

1) a game table where the RFID tags of the packages were read;

2) a person in charge of the game table where the RFID tags of the packages were read; and

3) a backyard or pit where the RFID tags of the packages were read,

into the database together with the ID read from the RFID tags of the packages by the RFID reader.

21. The management system according to claim 20, wherein

the management control device is configured to identify a location where the packages are present by referring to the database.

22. The management system according to claim 21, wherein

the management control device is configured to keep track of the number of all the packages present in the predetermined location.

23. A management system for managing packages used in a casino, wherein

the packages are used at a game table in the casino,

a plurality of the packages of the same type is used at the game table, and the packages have RFID tags storing IDs to distinguish them from other packages of the same type,

the casino has a storage location where the packages are maintained by the casino and a use location where the packages are used, and

the use location is provided in the game table,

the management system comprising:

a first RFID reader provided in the storage location to read the RFID tags of the packages;

a second RFID reader provided at the use location to read the RFID tags of the packages;

a third RFID reader that reads the RFID tags of the packages on their way between the storage location and the use location; and

a management control device that manages movement of the packages between the storage location and the use location based on the results of a reading result of the

first RFID reader, a reading result of the second RFID reader, and a reading result of the third RFID reader.