[Summary of Invention]

[Technical Problem]

[0005]

Embodiments of the present invention seek to provide monitoring packages of shuffled game cards of a casino in real time, in which the casino can immediately cancel a game when something unpredictable occurs by managing all the packages of the shuffled game cards present in the casino. A reason why the management is important is that if the shuffled playing cards on a table are the ones lost once in the casino, someone may know arrangement thereof.

[0006]

Embodiments of the present invention also seek to provide a system for monitoring packages of shuffled game cards for a casino to stop the package of some sort of suspicious shuffled game cards in the casino by managing all the packages of the shuffled game cards in the casino.

[Solution to Problem]

[0007]

An aspect of the present invention provides a system for managing packages of shuffled playing cards, comprising:

packages of shuffled playing cards in which playing cards included in a predetermined number of decks are shuffled in random order and are individually packed in one package, and in which a unique ID code is given to each unique package of the shuffled playing cards;

a game table at which a game is performed using the shuffled playing cards;

a storage box that is associated with the game table, stores the plurality of packages, includes one or more readers that read the ID codes of all the packages, and includes an openable portion so that the packages can be taken out one by one; and

a control device for monitoring whether or not the packages are present in the storage box by monitoring the ID codes of the packages read by the readers, and for outputting monitoring results.

Another aspect of the present invention provides a storage box that stores packages of shuffled playing cards and monitors ID codes given to the packages, the storage box comprising:

a carton cabinet that stores the plurality of packages, includes one or more readers that read the ID codes of all the packages, and includes an openable portion so that the packages can be taken out one by one; and

a control device for monitoring whether or not the packages are present in the storage box by monitoring the ID codes of the packages read by the readers, and for outputting monitoring results.

Another aspect of the present invention provides a package of shuffled playing cards for use in a system for managing one or more packages of playing cards, comprising:

a predetermined number of decks of playing cards that are each randomly shuffled and are individually packed in the package, the package configured to be stored in a storage box of the system associated with a gaming table, the storage box configured to store the one or more packages of playing cards and enable one by one removal of the one or packages from the storage box via an openable portion of the storage, and

a unique ID code given to the package of shuffled playing cards, the unique ID code configured to enable one or more readers included in the storage box to read the unique ID code, the one or more readers configured to read IDs of the one or more packages such that a control device of the system for monitoring the ID codes read by the one or more readers is enabled to determine which packages are present in the storage box and output a monitoring result.

Another aspect of the present invention provides a system for managing packages of shuffled playing cards, comprising:

packages of shuffled playing cards in which playing cards included in a predetermined number of decks are each uniquely shuffled in random order and are individually packed in one package, and in which a unique ID code is given to each unique package of the shuffled playing cards;

a game table at which a game is performed using the shuffled playing cards;

a storage box that is associated with the game table, stores the plurality of packages, and includes one or more readers that read repeatedly the ID codes of all the packages; and

a control device for monitoring whether or not the packages are present in the storage box by repeatedly collating the ID codes of the packages read by the readers with registered ID codes of the packages in a database.

There is also disclosed a system for managing packages of shuffled playing cards, the system having: packages of shuffled playing cards in which

playing cards included in a predetermined number of decks are shuffled in random order and are individually packed in one package, and in which a unique ID code is attached to each unique package of the shuffled playing cards; a game table at which a game is performed using the shuffled playing cards; a storage box that is installed beside the game table, stores the plurality of packages, includes one or more readers that read the ID codes of all the packages, and includes an openable lid so that the packages can be taken out one by one; and a control device for monitoring whether or not the packages are present in the storage box by monitoring the ID codes of the packages read by the readers, and for outputting monitoring results.

There are also disclosed packages of shuffled playing cards for being used in the above-described system.

[0008]

There is also disclosed a storage box that stores packages of shuffled playing cards and monitors ID codes attached to the packages, the storage box having: a storage box that stores the plurality of packages, includes one or more readers that read the ID codes of all the packages, and includes an openable lid so that the packages can be taken out one by one; and a control device for monitoring whether or not the packages

Claims:

1. A system for managing packages of shuffled playing cards, comprising:

packages of shuffled playing cards in which playing cards included in a predetermined number of decks are shuffled in random order and are individually packed in one package, and in which a unique ID code is given to each unique package of the shuffled playing cards;

a game table at which a game is performed using the shuffled playing cards;

a storage box that is associated with the game table, stores the plurality of packages, includes one or more readers that read the ID codes of all the packages, and includes an openable portion so that the packages can be taken out one by one; and

a control device for monitoring whether or not the packages are present in the storage box by monitoring the ID codes of the packages read by the readers, and for outputting monitoring results.

2. The system for managing the packages of the shuffled playing cards according to claim 1, wherein the storage box includes locking means configured to prevent taking-out of the packages from the storage box.

3. The system for managing the packages of the shuffled playing cards according to claim 1, wherein the storage box includes a rotary side lid with a leg.