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 provided 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 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, wherein the control device is configured to obtain the ID codes of the packages read by the one or more readers and examine whether a package is suspicious to prevent a usage of said package or to generate an alarm that said package is suspicious.

[0008]

Another aspect of the present invention provides a storage box that stores packages of each uniquely shuffled playing cards and monitors ID codes provided to the packages, wherein the storage box stores packages, includes one or more readers that read repeatedly the ID codes of all the packages, the storage boxes comprising 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, wherein the control device is configured to obtain the ID codes of the packages read by the one or more readers and examine whether a package is suspicious to prevent a usage of said package or to generate an alarm that said package is suspicious.

Another aspect of the present invention provides a package 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 wherein a unique ID code is provided with each unique package of the shuffled playing cards and is usable in a management system for managing, the management system comprising:

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 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,

wherein the control device is configured to obtain the ID codes of the packages read by the one or more readers and examine whether a package is suspicious to prevent a usage of said package or to generate an alarm that said package is suspicious.

[0009]

As is explained hereinafter, there are other aspects in the present invention. Accordingly, disclosure of the present invention is intended to provide some aspects of the present invention, and is not intended to limit the scope of the invention described and claimed here.

[Brief Description of Drawings]

[0010]

[Figure 1] Figure 1 is a perspective view of a package, and shuffled playing cards from which packaging has been removed, which are used for a card shooter device of a system for managing the packages of the shuffled playing cards of an embodiment of the present invention.

[Figure 2a] Figure 2a is a diagram showing an outline of a whole system for managing the packages of the shuffled playing cards of the embodiment of the present invention.

[Figure 2b] Figure 2b is a perspective view showing a trolley for carrying the packages of the shuffled playing cards of one of the embodiments of the present invention from a backyard to a game table pit in a state where the packages are stored in cartons.

[Figure 2c] Figure 2c is a perspective view showing a trolley for carrying the packages of the shuffled playing

Claims

[Claim 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 each uniquely shuffled in random order and are individually packed in one package, and in which a unique ID code is provided 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 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;

wherein the control device is configured to obtain the ID codes of the packages read by the one or more readers and examine whether a package is suspicious to prevent a usage of said package or to generate an alarm that said package is suspicious.

[Claim 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.

[Claim 3]

The system for managing the packages of the shuffled playing cards according to claim 1 or 2, wherein the storage box includes a rotary side lid with a leg.

[Claim 4]

The system for managing the packages of the shuffled playing cards according to any one of claims 1 to 3, wherein the system further includes displaying means configured to display monitoring results.

[Claim 5]

The system for managing the packages of the shuffled playing cards according to any one of claims 1 to 4, wherein the storage box includes an openable lid so that the packages can be taken out one by one.

[Claim 6]

The system for managing the packages of the shuffled playing cards according to any of claims 1 to 5, the system further comprising: a carton in which a predetermined number of packages are packed, and to which a unique carton ID code is attached; and a carton cabinet to store the

carton that has one or more readers that read the carton ID code, wherein

the control device monitors whether or not the carton is present in the carton cabinet by monitoring the carton ID code read by the readers, and outputs monitoring results.

[Claim 7]

The system for managing the packages of the shuffled playing cards according to claim 5, wherein the carton cabinet includes locking means configured to prevent taking-out of the packages from the storage box.

[Claim 8]

The system for managing the packages of the shuffled playing cards according to claim 5 or 6, wherein the carton cabinet is installed beside a game table.

[Claim 9]

The system for managing the packages of the shuffled playing cards according to claim 1, wherein the storage box is placed under the game table.

[Claim 10]

A storage box that stores packages of each uniquely shuffled playing cards and monitors ID codes provided to the packages,

wherein the storage box stores the packages, includes one or more readers that read repeatedly the ID codes of all the packages, the storage box comprising:

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,

wherein the control device is configured to obtain the ID codes of the packages read by the one or more readers and examine whether a package is suspicious to prevent a usage of said package or to generate an alarm that said package is suspicious.

[Claim 11]

The storage box that stores the packages of the shuffled playing cards and monitors the ID codes attached to the packages according to claim 10, wherein the storage box includes locking means configured to prevent taking-out of the packages from the storage box.

[Claim 12]

The storage box that stores the packages of the shuffled playing cards and monitors the ID codes attached to the packages according to claim 10 or 11, wherein the storage box includes a rotary side lid with a leg.

[Claim 13]

A package 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 wherein a unique ID code is

provided with each unique package of the shuffled playing cards and is usable in a management system for managing, the management system comprising:

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 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,

wherein the control device is configured to obtain the ID codes of the packages read by the one or more readers and examine whether a package is suspicious to prevent a usage of said package or to generate an alarm that said package is suspicious.