Description

[Title of Invention]

PACKING BOX FOR SHUFFLED PLAYING CARDS

[Technical Field]

[0001]

The present invention relates to playing cards used in playing games, and particularly, to shuffled playing cards packed as an individual pack after being shuffled in a random manner, a packing box for packing an individual set of playing cards and a method of housing the shuffled playing cards in a card shooter or the like.

[Background Art]

[0002]

In poker, baccarat, bridge, blackjack, and other playing games, a dealer sets one or more decks of playing cards in a card shooter or the like, and deals cards to game players by shooting the cards one by one out of the card shooter or the like. In so doing, to ensure fairness of the games, the cards need to be dealt at random. Therefore, a game host has to sufficiently shuffle the playing cards randomly in order to ensure a random order of arrangement of the playing cards before the playing cards are set in the card shooter.

[0003]

It should be noted that a conventional card shuffling device for shuffling cards is disclosed in, for example, Patent Literature 1.

[0004]

The shuffled playing cards used in various playing games such as poker, baccarat, bridge or blackjack include, ordinary, 416 cards if eight decks of cards are used. Eight decks of playing cards have 416 cards, and the height thereof is approximately 125 mm. Therefore, when the dealer tries to set such 416 playing cards in a card shooter or the like at one time, it may be impossible to house the cards neatly since they get misaligned, which is a problem and hampers the efficient operation of the games. There is also a problem of possible cheating such as the insertion/removal or switching of cards when the cards are housed in a card shooter.

[Citation List]

[Patent Literature]

[0005]

Patent Literature 1: WO 2009/069708

[Summary of Invention]

[Problems to be Solved by the Invention]

[0006]

~~The~~ Embodiments of the present invention ~~has been made in view of the above problems, and aims~~seek to provide a packing box of playing cards, shuffled playing cards and a method of

housing the shuffled playing cards in a card shooter or the like with which the game host can readily set playing cards in a card shooter or the like prior to a game, and that can eliminate the possibility of cheating.

[Means for Solving the Problems]

[0007]

An aspect of the present invention provides a package of playing cards, the package having, in an assembled state, a shape of a rectangular parallelepiped with six faces including front and rear faces, right and left side faces, and top and bottom faces, the package comprising:

at least one cut-off line, each of which is formed by parallel cut lines in a longitudinal direction of the rectangular parallelepiped package, allowing the detachment of at least one of the left side face and the right side face of the package so as to partially expose the playing cards contained in the package; and

a break line, which allows a remaining portion to be torn, which is a remaining part of the package, when the package is set in a card shooter.

Another aspect of the present invention provides a method of setting shuffled playing cards in a shooter, wherein the shuffled playing cards comprise one or more decks of playing cards shuffled in a random order and contained in a package, the package has a shape of a rectangular parallelepiped with six faces including front and rear faces, right and left side faces, and top and bottom faces, and the package includes at least one cut-off line, each of which is formed by parallel cut lines in a longitudinal direction of the rectangular parallelepiped and a break line, the method comprising:

detaching at least one of the left side face or the right side face of the package along each of the cut-off line so as to partially expose the playing cards;

inserting a cut card into the shuffled playing cards in the package from the exposed side of the package;

handling the playing cards using a remaining portion, which is a remaining part of the package, to set the playing cards in the shooter; and

tearing the break line at the remaining portion of the package in the shooter so as to remove the remaining portion holding the playing cards so that only the playing cards are set in the card shooter.

~~To achieve the above object, the present invention provides~~There is also disclosed a packing box of playing cards that has, in an assembled state, a shape of a rectangular parallelepiped with six faces that are front and rear faces, right and left side faces, and top and bottom faces, and encases the playing cards, the packing box including zippers or cutoff units in two locations at a predetermined interval, the zippers or the cutoff units including cut lines in parallel with a longitudinal direction of the rectangular parallelepiped shape, and a central band in a central portion defined by the zippers or the cutoff units provided in the two locations, wherein the right and left side faces of the packing box can be removed by removing the zippers

or the cutoff units such that side faces of the playing cards are exposed.

[0008]

~~To achieve the above object, the present invention provides~~There are also disclosed shuffled playing cards that are housed in a packing box and encased therein in a shuffled state, and sealed, the shuffled playing cards containing a number of cards that can form a predetermined number of decks, the packing box being a packing box that has a shape of a rectangular parallelepiped with six faces that are front and rear faces, right and left side faces, and top and bottom faces, and that has zippers or cutoff units in two locations at a predetermined interval, the zippers or the cutoff units including zipper lines or cut lines in parallel with a longitudinal direction of the rectangular parallelepiped shape, and a central band provided in a portion defined by the zippers or the cutoff units provided in the two locations, wherein the right and left side faces of the packing box can be removed by removing the zippers or the cutoff units along the zipper lines or the cut lines such that side faces of the playing cards are exposed.

[0009]

~~To achieve the above object, the present invention provides~~There is also disclosed a method of housing the shuffled playing cards in a card housing portion of a shooter used in playing games wherein playing cards containing a number of cards that can form a predetermined number of decks are housed in a packing box and encased therein in a shuffled state, and sealed, with the packing box being a packing box that has a shape of a rectangular parallelepiped with six faces that are front and rear faces, right and left side faces, and top and bottom faces, and that has zippers or cutoff units in two locations at a predetermined interval, the zippers or the cutoff units including zipper lines or cut lines in parallel with a longitudinal direction of the rectangular parallelepiped shape, and a central band provided in a portion defined by the zippers or the cutoff units provided in the two locations, wherein the right and left side faces of the packing box

can be removed by removing the zippers or the cutoff units such that side faces of the playing cards are exposed, comprising a first side face exposure step; removing one of the zippers or the cutoff units of the packing box wherein the shuffled playing cards are housed and thereby exposing one side face of the shuffled playing cards within the packing box by detaching right or left side of the packing box, a second side face exposure step: removing the other of the zippers or the cutoff units of the packing box and exposing the both side faces of the shuffled playing cards within the packing box by detaching both sides of the packing box thereby achieving a state in which the shuffled playing cards are wrapped only with the central band, a shuffled playing cards lifting step; holding the corner of the central band to lift the shuffled playing cards together, a housing step; housing the shuffled playing cards and the central band in the card housing portion of the shooter, a housing completion step; tearing the central band to remove the central band thereby completing the housing with only the shuffled playing cards left in the card housing portion.

[0010]

~~With~~ According to embodiments of the present invention, it is possible to achieve an easier handling of a predetermined number of decks of shuffled playing cards to be used in card games so that the cards can be set to a shooter in a safe and reliable manner, thereby improving the operability of games at casinos, reducing the operation cost and improving safety.

[0011]

As described below, the present invention includes other aspects. Thus, disclosure of the invention is intended to provide a part of aspects of the present invention, and not intended to limit the scope of the invention described and claimed herein.

[0012]

[Brief Description of Drawings]

[Fig. 1] Fig. 1(a) is a perspective view of a packing box packing shuffled playing cards according to Embodiment 1 of the present invention, and Fig. 1(b) is a perspective view showing a state in which the packing box packing the shuffled playing cards is partially broken to show a portion of the cards.

[Fig. 2] Fig. 2 is a perspective view showing a state in which the side faces of the shuffled playing cards of Embodiment 1 of the present invention are exposed.

[Fig. 3] Fig. 3 is a bottom view of a packing box of the shuffled playing cards.

[Fig. 4] Fig. 4 is a diagram showing a state in which a cut card is inserted in the shuffled playing cards.

[Fig. 5] Fig. 5 is a schematic diagram showing a state in which the shuffled playing cards are housed in a shooter.

[Fig. 6] Fig. 6 is a diagram illustrating a procedure for housing the shuffled playing cards in a shooter.

[Description of Embodiments]

CLAIMS

What is claimed is:

1. A package of playing cards, the package having, in an assembled state, a shape of a rectangular parallelepiped with six faces including front and rear faces, right and left side faces, and top and bottom faces, the package comprising:

at least one cut-off line, each of which is formed by parallel cut lines in a longitudinal direction of the rectangular parallelepiped package, allowing the detachment of at least one of the left side face and the right side face of the package so as to partially expose the playing cards contained in the package; and

a break line, which allows a remaining portion to be torn, which is a remaining part of the package, when the package is set in a card shooter.

2. The package according to claim 1, further comprising:

a mark indicating the top surface of the package of the playing card.

3. The package according to claim 1 or 2, further comprising:

a mark indicating a correct orientation of the playing cards.

4. The package according to any one of claims 1 to 3, further comprising:

a plurality of step marks showing each of the steps for removing the package.

5. The package according to any one of claims 1 to 4, the package further comprising:

a start marking showing a first portion, which is a part of the package that should be detached first, for inserting the cut card.

6. The package according to any one of claims 1 to 5, further comprising:

an ID code being unique to each set of the playing cards.

7. The package according to claim 6, further comprising:

a bar code for indicating the ID code.

8. The package according to any one of claims 1 to 7, comprises:

a first cut-off line which is one of the cut-off lines; and

a second cut-off line which is another of the cut-off lines, wherein

the first cut-off line is for allowing the detachment of the left side face of the package, and

the second cut-off line is for allowing the detachment of the right side face of the package.

9. The package according to any one of claims 1 to 8,

wherein the playing cards are operable to be set in a card shooter with the remaining portion, and

wherein the remaining portion is operable to be removed from the card shooter so that only the playing cards are left in the card shooter.

10. The package according to any one of claims 1 to 9,

wherein the playing cards includes one or more decks and are in a shuffled state and sealed.

11. A method of setting shuffled playing cards in a shooter, wherein the shuffled playing cards comprise one or more decks of playing cards shuffled in a random order and contained in a package, the package has a shape of a rectangular parallelepiped with six faces including front and rear faces, right and left side faces, and top and bottom faces, and the package includes at least one cut-off line, each of which is formed by parallel cut lines in a longitudinal direction of the rectangular parallelepiped and a break line, the method comprising:

detaching at least one of the left side face or the right side face of the package along each of the cut-off line so as to partially expose the playing cards;

inserting a cut card into the shuffled playing cards in the package from the exposed side of the package;

handling the playing cards using a remaining portion, which is a remaining part of the package, to set the playing cards in the shooter; and

tearing the break line at the remaining portion of the package in the shooter so as to remove the remaining portion holding the playing cards so that only the playing cards are set in the card shooter.

12. The method of claim 11, prior to the detaching step, further comprising,

orienting the package containing the playing cards so that an index surface of the each playing card, on which an index is printed, is not in an upward direction of the exposed part while the side face of the package is detached for inserting the cut card.

13. The method of claim 7, wherein the package has a marking showing instructions for the detaching step.

Claims

[Claim 1]

A packing box of playing cards that has, in an assembled state, a shape of a rectangular parallelepiped with six faces that are front and rear faces, right and left side faces, and top and bottom faces, and encases the playing cards, the packing box including cut lines in two locations at a predetermined interval in parallel with a longitudinal direction of the rectangular parallelepiped, and a central band in a portion defined by the cut lines provided in the two locations,

wherein the right and left side faces of the packing box can be removed along the cut lines such that side faces of the playing cards within the packing box are exposed.

[Claim 2]

A packing box of playing cards that has, in an assembled state, a shape of a rectangular parallelepiped with six faces that are front and rear faces, right and left side faces, and top and bottom faces, and encases the playing cards, the packing box including zippers in two locations at a predetermined interval, the zippers including cut lines in parallel with a longitudinal direction of the rectangular parallelepiped, and a central band in a portion defined by the zippers provided in the two locations,

wherein the right and left side faces of the packing box can be removed by removing the zippers along the cut lines such that side faces of the playing cards within the packing box are exposed.

[Claim 3]

The packing box of playing cards according to claim 1 or 2, wherein the top face has a marking indicating it to be a top surface, or a marking indicating the front/rear orientation of the playing cards.

[Claim 4]

The packing box of playing cards according to claim 2, wherein the zippers include markings showing an order for removing the zippers.

[Claim 5]

The packing box of playing cards according to claim 1 or 2, wherein the central band of the packing box has a sign indicating a place to hold and lift the central band, and/or a place to tear the central band.

[Claim 6]

~~Shuffled playing cards for which the packing box of any one of claims 1 to 5 is~~

used, that are housed in the packing box in a shuffled state and sealed, the shuffled playing cards including a number of cards that can form a predetermined number of decks.

[Claim 7]

The shuffled playing cards according to claim 6, wherein the central band of the packing box has a print or a bar code that indicates a different ID for each set of shuffled playing cards.

[Claim 8]

A method of housing shuffled playing cards in a card housing portion of a shooter used in playing games, shuffled playing cards being housed in a packing box and in sealed state, wherein the shuffled playing cards comprise a predetermined number of decks of playing cards are housed in a packing box and encased therein in a shuffled state, the packing box has a shape of a rectangular parallelepiped with six faces that are front and rear faces, right and left side faces, and top and bottom faces, and includes zippers or cutoff units in two locations at a predetermined interval, the zippers or the cutoff units including cut lines in parallel with a longitudinal direction of the rectangular parallelepiped, a central band in a portion defined by the zippers or the cutoff units provided in the two locations, wherein the right and left side faces of the packing box can be removed by removing the zippers or the cutoff units along the cut lines such that side faces of the playing cards are exposed, the method including:

a first side face exposure step of removing one of the zippers or the cutoff units of the packing box wherein the shuffled playing cards are housed and thereby exposing one side face of the shuffled playing cards within the packing box by detaching right or left side of the packing box;

a second side face exposure step of removing the other of the zippers or the cutoff units of the packing box and exposing the both side faces of the shuffled playing cards within the packing box by detaching the other side of the packing box thereby achieving a state in which the shuffled playing cards are wrapped only with the central band;

a lifting step of holding the central band to lift together the shuffled playing cards and the central band;

a housing step of housing the shuffled playing cards and the central band in the card housing portion of the card shooter;

a housing completion step of tearing a part of the central band to remove the central band from the card housing portion thereby leaving only the shuffled playing cards in the card housing portion.

[Claim 9]

The method of housing shuffled playing cards according to claim 8, wherein the central band of the packing box has a sign indicating a place to hold and lift the central band, and/or a place to tear the central band.

[Claim 10]

The method of housing shuffled playing cards according to claim 8, further comprising, a cut card step of inserting a cut card into the shuffled playing cards in the a first side face exposure step.

[Claim 11]

The method of housing shuffled playing cards according to any one of claim 8 to 10, wherein the central band of the packing box has a print or a bar code that indicates a different ID for each set of shuffled playing cards.