[PTL 1] US 2006-0247036A1

[Summary of Invention]

[Technical Problem]

[0005]

With conventional apparatuses, it is not possible to dispose of all of cards, without any omission, that were used on the game table while concurrently confirming that there are a predetermined number of cards (for example, in the case where eight decks of cards are used, there should be 416 cards (52 cards x 8 decks)). Also, generally at the game table, after the cut card is drawn, the set of cards that has been used in that game will no longer be used. However, unless the unused cards of that card set are sufficiently disposed of, such cards may again be fraudulently brought out.

[0006]

The present disclosure aims to provide a card disposal system that may enable a perfect disposal operation in which disposal of cards that are to be discarded after the use thereof on the game table is performed only after confirming that the predetermined number of cards are all there (for example, in the case where eight decks of cards are used, there should be 416 cards (52 cards x 8 sets)). Also, the system may be capable of making a void hole or a notch on the cards after verifying the number of cards to make it impossible to reuse such cards, thereby completely preventing any fraudulent reuse of such cards.

[Solution to Problem]

[0007]

An aspect of the present invention provides a card disposal system for disposing of cards that are housed in a card dealing apparatus placed on a game table and manually dealt onto the game table after the use thereof in a game, the card disposal system including: a set of cards made up of a plurality of decks of cards that can be housed in the dealing shoe; and a card disposal apparatus for disposing the cards collected,

wherein a cut card for stopping a game is included in the set of cards,

the card disposal apparatus includes:

a discharge opening for receiving a card to be disposed of;

a disposed card stocker for receiving a card that has passed through the discharge opening; and

deck examination means for examining whether the disposed card number is equal to the dealt card number;

the discharge opening receives the cards that are used in each game and thereafter are collected therein, and is configured to be capable of receiving all cards left unused in the dealing shoe when the game is stopped at a predetermined time after the cut card is drawn from the dealing shoe.

[0008]

In addition, with the card disposal system for a table game of the present disclosure that may solve the conventional problems, the disposed card carton of the disposed card stocker is configured to be capable of housing a scrap generated from making the void hole together with the card to be disposed of in the disposed card stocker.

[Advantageous Effects of Invention]

[0009]

With the card disposal system for a table game of the present disclosure, it may be possible to detect the incorporation of any false cards, and furthermore, to examine whether with respect to the cards that have been put inside a discharge opening, there are a predetermined number of genuine cards for each number (rank), thereby confirming that the cards used in a table game on the game table are a complete set of genuine cards that include the predetermined number of cards for each number (rank).

[Brief Description of Drawings]

[0010]

[Fig. 1] Fig. 1 is a plan view of a table game system according to an embodiment of the present invention.

[Fig. 2] Fig. 2 is a cross-sectional view of a card disposal apparatus according to Embodiment 1 of the present invention as viewed from the side.

[Fig. 3] Fig. 3 is a plan view of a card according to Embodiment 1 of the present invention.

[Fig. 4] Fig. 4 is a diagram showing the relation between the codes formed with a mark/marks M printed as information on a card, and the output waves from two UV sensors of a card information acquiring sensor.

[Fig. 5] Fig. 5 is a perspective view of a card disposal apparatus of a table game system according to Embodiment 2 of the present invention.

[Fig. 6] Fig. 6 is a cross-sectional view of the card disposal apparatus as viewed from the side.

[Fig. 7] Figs. 7(a), 7(b) and 7(c) are perspective views each illustrating the function of a weight of the card disposal apparatus.

[Fig. 8] Fig. 8 is a cross-sectional view of a main portion of a punching device (voiding means) of the card disposal apparatus.

[Fig. 9] Fig. 9 is a plan view showing a card with a void hole made by the punching device.

[Fig. 10] Figs. 10(a), 10(b), 10(c) and 10(d) are perspective views of the card disposal