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Disclosure of the Invention

Problems to be Solved by the Invention

[0004]

However, when the game host shuffles cards before a game, the shuffling can sometimes take a lot of time, hampering efficient operation of the game. Also, when the game host shuffles, there is a problem of possible cheating such as insertion/removal or switching of cards.

[0005]

The present disclosure seeks to provide shuffled playing cards and manufacturing method thereof which may eliminate the need for a game host to shuffle cards before games by taking a lot of time as well as eliminate the possibility of cheating.

Means for Solving the Problems

[0005a]

According to an aspect of the present invention, there is provided a method of checking one or more shuffled decks of playing cards, wherein each of the one or more shuffled decks of playing cards are shuffled at random, each of the one or more shuffled decks of playing cards is contained within a corresponding package having a sealing label, and a shuffled card ID associated with

the shuffled deck of playing cards is attached to the package, the method comprising the steps of:

automatically detecting, using one or more processors, at least a rank of each card delivered by a card feeder from the one or more shuffled decks of playing cards;

inspecting, using the one or more processors, the one or more shuffled decks of playing cards after shuffling;

upon a condition that a shuffled deck of playing cards is determined to be defective based on the inspecting, treating or handling the set of playing cards which is determined to be defective as a defective item.

[0005b]

According to another aspect of the present invention, there is provided a method of checking one or more shuffled decks of playing cards, wherein each of the one or more shuffled decks of playing cards are shuffled at random, each of the one or more shuffled decks of playing cards is contained within a corresponding package having a sealing label, and a shuffled card ID associated with the shuffled deck of playing cards is attached to the package, the method comprising:

automatically detecting, using one or more processors, an improper set of cards from the one or more shuffled decks of playing cards comprising a predetermined number of cards delivered from a card housing, wherein a set of cards is detected to be

improper upon detection of one or more of the following conditions:

1) a number of times at least one kind of card appears in the predetermined number of cards is more than a total number of the shuffled decks of playing cards; and

2) an improper shuffling of the predetermined number of cards; and based on the automatic detection, generating, using one or more processors, an error signal indicating that an error has occurred.

[0006]

The present disclosure also provides a manufacturing method of shuffled playing cards characterized by comprising: a shuffling step of shuffling a predetermined number of decks of playing cards by a shuffling machine and thereby producing a set of shuffled playing cards; a packaging step of

individually packaging each shuffled playing cards subjected to the shuffling step; an ID generating step of creating a different shuffled card ID for each set of shuffled playing cards subjected to the shuffling step using an information processor; an ID affixing step of affixing the shuffled card ID as an ID code to a package of the shuffled playing cards; and an ID registration step of registering the shuffled card ID in a database by associating the shuffled card ID with information which allows identification of the shuffling machine or a shuffling machine group involved in the shuffling step of the shuffled playing cards affixed with the shuffled card ID.

[0007]

The present disclosure also provides shuffled playing cards which are a predetermined number of decks of playing cards shuffled and individually packaged, characterized in that a shuffled card ID for use to access information in a database is affixed as an ID code to a package of the shuffled playing cards, where the information allows identification of a shuffling machine or a shuffling machine group used to shuffle the shuffled playing cards.

Advantages of the Invention

[0008]

The present disclosure can provide shuffled playing cards which may eliminate the need for a game host to shuffle cards before games by taking a lot of time as well as eliminate the possibility of cheating. Also, since a shuffled card ID associated with information which allows identification of the shuffling machine or shuffling machine group used to shuffle the shuffled playing cards is affixed to the package, if there is any problem with playing cards and it is believed that the cause of the problem lies in a shuffling machine, the manufacturer can easily identify which shuffling machine or shuffling machine group has caused the problem and take quick measures.

Brief Description of the Drawings

[0009]

Figures 1(a) and 1(b) are perspective views showing appearance of a shuffled playing card set (packaged individually) according to an embodiment of the present invention;

Figure 2 is a diagram showing a schematic configuration of a shuffling machine used to shuffle playing cards in a manufacturing process of the shuffled playing card set according to the embodiment of the present invention;