An aspect of the present invention provides a game monitoring system, comprising a game monitoring device that monitors proceedings of a game played on a game table using a camera; an image analyzing device that performs image analysis of a video obtained by the camera; a card dealing device that is capable of reading information including at least a rank of a card dealt on the game table; and a controller that stores a rule of the game, wherein the controller is capable of detecting presence or absence of a card in a card placing area based on a result of the analysis by the image analyzing device, identifying an order of dealing and positions of cards dealt on the game table by a dealer, and thereby obtaining information about in which area a card of interest is to be dealt in addition to information held by the card dealing device including information about an ordinal number of the card of interest and the information including at least a rank of the card of interest.

An abnormality detection system for a playroom with a game table according to the present disclosure is

an abnormality detection system for a baccarat game, including:

a game monitoring device that monitors proceedings of the baccarat game played on a game table using a camera;

an image analyzing device that performs image analysis of a video obtained by the camera;

a card dealing device that determines and displays a winner/loser result of each game on the game table;

a card deal detecting device that identifies an order of dealing and positions of cards dealt on the game table by a dealer based on an analysis result from the image analyzing device; and

a controller that stores a rule of the baccarat game and determines whether or not the order of dealing and positions of cards obtained from the card deal detecting device are those in which the cards are dealt in a Player area or a Banker area on the game table according to the rule of the baccarat game,

wherein the controller has a function of outputting an abnormality determination result when it is determined that an abnormality that does not conform to the rule of the baccarat game has occurred.

[0010]

card deal detecting device may have a function of detecting positions and movements of two cards dealt in each area, and the controller may have a function of determining whether or not the two cards dealt in the Player area are moved to in front of the game participant who has betted on the Player side for squeezing and the two cards dealt in the Banker area are moved to in front of the game participant who has betted on the Banker side for squeezing.

[0014]

In addition, the controller may have a function of further determining whether or not the two cards provided to each game participant for squeezing are correctly placed back in the Player area and the Banker area on the game table.

[0015]

In addition, the controller may turn on an abnormality indicator lamp provided on either or both of the card dealing device and the game table when it is determined that an abnormality has occurred.

[Advantageous Effect]

[0016]

The system according to the present disclosure can detect an abnormality or cheating and issue a warning or stop the abnormality or cheating when, after drawing cards onto a table in a baccarat game, a dealer makes a

Claims

[Claim 1]

A game monitoring system, comprising:

a game monitoring device that monitors proceedings of a game played on a game table using a camera;

an image analyzing device that performs image analysis of a video obtained by the camera;

a card dealing device that is capable of reading information including at least a rank of a card dealt on the game table; and

a controller that stores a rule of the game,

wherein the controller is capable of detecting presence or absence of a card in a card placing area based on a result of the analysis by the image analyzing device, identifying an order of dealing and positions of cards dealt on the game table by a dealer, and thereby obtaining information about in which area a card of interest is to be dealt in addition to information held by the card dealing device including information about an ordinal number of the card of interest and the information including at least a rank of the card of interest.

[Claim 2]

The game monitoring system according to Claim 1, wherein the controller determines an order of dealing and

positions of cards each time the dealer deals a card in each game.

[Claim 3]

The game monitoring system according to Claim 1, wherein the controller has a chip detection function of detecting positions and a total amount of chips betted by a game participant using the camera or an ID embedded in the chips.

[Claim 4]

The game monitoring system according to Claim 3, wherein the controller has a function of determining that the card of interest is moved to a front of the game participant having betted the chips.

[Claim 5]

The game monitoring system according to Claim 1, wherein the controller is capable of obtaining information about a rank and a suit of each card from the result of the analysis by the image analyzing device.

[Claim 6]

The game monitoring system according to Claim 5, wherein the controller is capable of checking the information about the rank and the suit of each card obtained from the result of the analysis by the image

analyzing device and the information about the rank and the suit read by the card dealing device against each other.

[Claim 7]

The game monitoring system according to Claim 1, wherein the camera captures proceedings of a game involving a dealer and a player who move a hand over a table.