of bet game tokens, it has been proposed to perceive the amount of game tokens by attaching a radio IC (RFID) tag to each game token.

[0005]

In a card game monitoring system disclosed in WO 2015/107902 A, it is determined whether or not game tokens placed on a game table are collected or re-paid according to a result of win/loose by performing an image analysis of the movement of game tokens, whereby fraud is monitored.

Summary of Invention

Technical Problem

[0006]

Embodiments of the present disclosure seek to provide a novel management system capable of detecting a mistake or fraudulent act when paying for game tokens in a game of a game house.

Solution to Problem

[0007]

An aspect of the present invention provides a game token management system comprising a game token having an RFID tag storing an individually identifiable unique ID; a gaming table for playing a game using the game token; a game token tray for storing the game token of a dealer; a first measurement device that measures a position, a type, and the number of the game

tokens on the gaming table; a game state determining device that determines a start of a game and that a result of a game has been determined; and a management control device that recognizes an amount of game tokens for each player position on the gaming table using a measurement result obtained from the measurement device, wherein the management control device compares an amount of the game tokens measured by the first measurement device at the timing when the game state determining device determines the start of the game with an amount of the game tokens measured by the first measurement device at the timing when the game state determining device determines that the result of the game has been determined, and determines whether there is increase/decrease in the amount.

There is also disclosed a game token management system including: a game token having an individually identifiable unique identification (ID); a gaming table for playing a game using the game token; a winning/losing determination device configured to determine and display a game winning/losing result on the gaming table; a game

collecting portion and displaying a match or a mismatch on the display device according to a comparison result.

[0012]

The measurement device may further have a function of measuring a type and the number of the game tokens held in the game token tray using a camera, and the management control device may have a function of comparing the number of the game tokens whose IDs are specified by the dealer chip determination device and the number of the game tokens held in the game token tray, measured using the measurement device, and displaying a match or a mismatch on the display device according to a comparison result.

[0013]

There is also disclosed a game token management system including: a game token having an individually identifiable unique identification (ID); a gaming table for playing a game using the game token; a winning/losing determination device configured to determine and display a game winning/losing result on the gaming table; a game token tray configured to hold the game token used by the dealer on the gaming table; a dealer chip determination device configured to specify a type and the number of the game tokens held in the game token tray using the unique ID; a measurement device configured to measure a position, a type, and the number of the game tokens on the gaming table using a camera; and a

The management control device may further have a function of comparing the increase amount by collection of the game tokens collected by the dealer and placed in the game token tray, obtained from the dealer chip determination device, and a verification result for a fact that the game token does not exist on the gaming table as the dealer collects the game tokens from the gaming table and verifying the comparison result.

[0023]

The management control device may have a function of specifying a game participant on the gaming table and associating a player position on the gaming table at the time of participating to the game with the game participant.

[0024]

There is also disclosed a game token management system including: a game token tray for storing game tokens of a dealer; and a lamp for indicating whether a change of the game tokens in the game token tray after an end of a game is accurate and/or inaccurate.

[0025]

The management system described above may further include: a bet determination device configured to determine a target and an amount bet by a player; a game result determination device configured to determine a result of the game; and a dealer chip determination device configured to determine the amount of the game tokens held in the game token tray, in which the