In order to understand the movement of the game token, it is useful to determine the position of the game token in the game table in a more detailed manner. For example, it is effective in order to achieve the above-described objective in a higher degree to understand not only that the game token is in a certain game table, but also in which playing position and on which betting target the game token is placed for betting.

SUMMARY

[0006]

It is useful to use a number of reading antennas with a narrower reading range in order to obtain a more detailed position of the game token on the game table. However, if such reading antennas are in close proximity to each other, the problem arises that the RFID tags in the game token may be read beyond the reading range intended for each of the reading antennas, and even reads the RFID tags of the game token in a reading range of the other reading antennas.

[0007]

The present disclosure seeks to provide a game table reading system that can reduce the problem of a plurality of reading antennas of a game table reading RFID tags in a reading range of other reading antennas.

[0007a]

According to an aspect, there is provided a game table reading system for game tokens in which a radio frequency identification (RFID) tag is embedded, the game table reading system comprising: a game table having a plurality of betting areas for wagering a game token and a chip tray area associated with a dealer and configured to store at least one game token; a plurality of betting area reading antennas, each betting area reading antenna of the plurality of betting area reading antennas respectively installed in correspondence with a respective one of the plurality of betting areas and configured

to read an RFID tag embedded in a game token placed in the respective betting area; a plurality of betting area read-restriction antennas, each betting area read-restriction antenna of the plurality of betting area read-restriction antennas respectively installed in correspondence with a respective one of the plurality of betting areas; at least one chip tray reading antenna configured to read an RFID tag of the at least one game token stored in the chip tray area; a first control device configured to control the plurality of betting area reading antennas to perform one or more read operations; a second control device configured to control the plurality of betting area read-restriction antennas in synchronization with control of the plurality of betting area reading antennas by the first control device, wherein, to control the plurality of betting area read-restriction antennas in synchronization with control of the plurality of betting area reading antennas by the first control device, the second control device is configured to for each of one or more of the betting areas of the plurality of betting areas that is adjacent to a first betting area the plurality of betting areas having the respective betting area reading antenna of the first betting area that is being controlled to perform a read operation associated with the first betting area: restrict a read operation by the respective betting area reading antenna of the betting area of the one or more betting areas; and a third control device configured to control the at least one chip tray reading antenna to perform a chip tray read operation at a time that is asynchronous with control of the plurality of betting area reading antennas by the first control device.

[0008]

The game table reading system of the present disclosure is a game table reading system for game tokens, comprising: a game table having a plurality of reading areas including at least a plurality of betting areas for positioning a game token in which an RFID tag is embedded; a plurality of

reading antennas installed in correspondence with each of the plurality of reading areas for reading the RFID tag embedded in the game token placed in the corresponding reading areas; a read-restriction antenna installed in correspondence with each of the plurality of reading areas for restricting reading of an RFID tag embedded in the game token placed in the corresponding reading area by the reading antenna corresponding to other adjacent reading areas; a reading control device connected to the plurality of reading antennas to control the plurality of reading antennas; and a read-