【CLAIMS】

【Claim 1】

A game device comprising:

a first table module constituting a first section in which at least one first game cup is placed in a game table of the game device;

a second table module constituting a second section in which a ball is bounded in the game table, and having a separable structure from the first table module;

a display unit provided in the second section of the second table module and forming one bound area with the second section;

a sensing unit sensing a location of the ball;

a control unit recognizing whether a predetermined event occurs, based on sensing data sensed by the sensing unit; and

a memory storing an image corresponding to the predetermined event,

wherein the display unit outputs the image when the control unit recognizes that the predetermined event occurs, and

wherein when the control unit recognizes that the predetermined event occurs, the control unit recognizes location information of the ball based on the sensing data, determines at least one of a location at which the image is displayed in the display unit and a duration of the image at least partially based on the location information of the ball, and controls the image displayed in the display unit based on at least one of the determined location and the determined duration.

【Claim 2】

The game device of claim 1, wherein in the game table, a connection unit

coupling the first table module and the second table module is provided in each of the first table module and the second table module.

【Claim 3】

The game device of claim 2, wherein the connection unit includes

a first magnetic unit provided at a first side of any one of the first table module and the second table module, and having a first pole, and

a second magnetic unit having a second pole to generate a magnetic attraction with the first magnetic unit when the first table module and the second table module are coupled, and provided at a second side of the other one of the first table module and the second table module, which contacts the first side.

【Claim 4】

The game device of claim 2, wherein the connection unit includes

a protrusion unit which protrudes on the first side of any one of the first table module and the second table module, and

an accommodation unit dented at the second side of the other one of the first table module and the second table module, which contacts the first side so that the protrusion unit is inserted, and fitted and coupled when the first table module and the second table module are coupled.

【Claim 5】

The game device of claim 4, wherein the connection unit includes

a fixation pin preventing the protrusion unit from leaving from the accommodation unit when the protrusion unit is inserted into the accommodation unit,

and

a through hole formed in the protrusion unit and one area of the table module having the protrusion unit and the accommodation unit so that the fixation pin may be inserted while the protrusion unit is inserted into the accommodation unit.

【Claim 6】

The game device of claim 1, further comprising:

a table housing forming a space capable of accommodating the second table module on the bottom of the first table module, and has a sliding frame formed on an inner surface of the space,

wherein the second table module moves forward and backward along the sliding frame, and is inserted into or withdrawn from the table housing.

【Claim 7】

The game device of claim 6, wherein the second table modules includes a support unit provided in the lower portion of the second table module, extended toward the bottom from the side portion of the second table module, and supported on the sliding frame, and sliding-coupled to the sliding frame.

【Claim 8】

The game device of claim 1, wherein the first table module includes a guide rail which is provided at an upper portion of the first table module, and enables the second table module to be slidable in one area of the side portion of the first table module, and

the second table modules includes a support unit provided in the lower portion of the second table module, extended toward the bottom from the side portion of the

second table module, and sliding-coupled to the guide rail.

【Claim 9】

The game device of claim 1, further comprising:

a hinge coupled to each of the first table module and the second table module; and

a hinge pin fastening the hinge so that the first table module and the second table module are pivotable.

【Claim 10】

The game device of claim 9, wherein a first hinge is coupled to the bottom of any one of the first table module and the second table module,

a second hinge is coupled to the bottom of the other one of the first table module and the second table module, and

the first hinge and the second hinge are fastened by the hinge pin.

【Claim 11】

The game device of claim 1, further comprising:

a third table module constituting a third section which is positioned in a direction opposite to a direction at which the first section is positioned in the second section and in which at least one second game cup is placed,

wherein the third table module has a separable structure from the second table module.

【Claim 12】

The game device of claim 1, further comprising:

a ball sensing unit provided in the first section, and sensing whether the ball is positioned in any one cup of at least one first game cup.

【Claim 13】

The game device of claim 12, wherein the ball sensing unit adjusts a zero point of the ball sensing unit when recognizing that a round of a game is terminated or that ball is positioned in any one cup of at least one first game cup.

【Claim 14】

The game device of claim 1, further comprising:

a bound sensing unit provided in the second section, and sensing whether the ball is bounded on the second section.

【Claim 15】

The game device of claim 1, wherein the game table further includes a pad provided in one area of the first section, and preventing the bound of the ball.

【Claim 16】

The game device of claim 1, further comprising:

a throw line irradiation unit provided on a bottom or a side of the game table, and irradiating light of the throw line externally.

【Claim 17】

The game device of claim 1,

wherein the memory further stores sound effect corresponding to the predetermined event.

【Claim 18】

The game device of claim 17, further comprising:

an audio unit outputting the sound effect corresponding to the predetermined event when the control unit recognizes that the predetermined event occurs.