

plate 5g and levels light illuminated to the liquid crystal display panel 5d. The liquid crystal holder 5e holding the liquid crystal display panel 5d, the diffusion sheet 5f and the light guiding plate 5g are formed into one-construction and the circumference thereof is inserted in the bezel metallic frame 5c. By this insertion, the front side of the circumference of the display part in the liquid crystal display panel 5d is held by the bezel metallic frame 5c.

[0032] The liquid crystal holder 5e, the diffusion sheet 5f and the light guiding panel 5g, which are inserted in the bezel metallic frame 5c and formed into one-construction, are further inserted in the reel glass base 5b at the circumference thereof, thereby are supported by the reel glass base 5b in a state that the front side of the display part in the liquid crystal display panel 5d is opened. The transparent acrylic plate 5a, on the front surface of which the touch panel 5k is arranged, is attached to the front plane of the device by fixing the reel glass base 5b on the front panel of the device through the screws 5j, thereby the transparent acrylic plate 5a is pressed and attached to the front plane of the reel glass base 5b with the touch panel 5k. Thus, the transparent acrylic plate 5a closes the above opening positioned on the front plane of the display part in the liquid crystal display panel 5d.

[0033] The rear holder 5h is formed from a white resin plate and retains the bezel metallic frame 5c, the liquid crystal holder 5e supporting the liquid crystal display panel 5d, the diffusion sheet 5f and the light guiding plate 5g, all of which are supported to the reel glass base 5b, to the reel glass base 5b from the rear side thereof. The rear holder 5h functions as a reflecting plate to reflect light emitted to the light guiding plate 5g from the cold cathode ray tubes 30a toward the liquid crystal display panel 5. The antistatic sheet 5i is made transparent and is adhered to the rear plane of the rear holder 5h by a double-sided tape, thereby the antistatic sheet 5i covers the openings formed in the rear holder 5h.

[0034] FIG. 5 is a block diagram showing a circuitry construction of a control circuit 40 for controlling game operation process in the slot machine 1 of the embodiment.

[0035] The control circuit 40 is mainly constructed from a microcomputer 41 and the microcomputer 41 is constructed from a main CPU 42 (Central Processing Unit) for conducting control operation according to a program preset beforehand, a ROM (Read-Only Memory) 43 as a storing device and a RAM (Random Access Memory) 44. In the ROM 43, control procedures for wholly controlling the game machine are stored as a sequence program and the RAM 44 is utilized as a temporary memory work area and the like when such program is executed.

[0036] To the main CPU 42, a clock pulse generator 45 for generating standard clock pulses and a frequency divider 46, a random number generator 47 for generating random numbers within a predetermined range and a sampling circuit 48 for sampling one random number generated by the random number generator 47, are connected. Further, an I/O port 49 to receive and output various signals between peripheral devices (actuators) mentioned later, is connected to the main CPU 42. And the ROM 43 has also memory areas to store a winning combination table which is referred when the winning combination is determined based on a symbol combination, other than the sequence program.

[0037] Here, the microcomputer 41, the random number generator 47 and the sampling circuit 48 constructs a lottery

device to determine the winning combination by a lottery and selects the symbols which are stopped and displayed on the display windows 6 to 8 or the liquid crystal display panel 5d by a lottery and determines the winning combination based on the selected symbol combination. And the microcomputer 41 constructs a game medium storing device for storing the betted money inserted from the coin insertion slot 11 and the bill insertion portion 12 as data in the RAM 44.

[0038] As the main actuator the operation of which is controlled by a control signal from the microcomputer 41, there exist stepping motors 50 for rotating and driving the reels 2 to 4, various lamps 51, a LED display part 52, a hopper 53 for storing coins, the liquid crystal display panel 5d and a speaker 55. These are driven and controlled by a motor drive circuit 56, a lamp drive circuit 57, a LED drive circuit 58, a hopper drive circuit 59, an image control circuit 60 and a sound control circuit 61, respectively. These drive circuits 56 to 59 and the control circuits 60, 61 are connected to the main CPU 42 through the I/O port 49.

[0039] And as the main input signal generation device for generating input signals necessary for the main CPU 42 to produce control signals, there exist a start switch 9S for detecting operation of the start lever 9, the spin switch 13, the change switch 14, the cashout switch 15, the 1-BET switch 16, the MAX BET switch 17 and a coin sensor 11S to detect coins inserted in the coin insertion slot 11. Further, a reel position detection circuit 62 for detecting the rotation position of the reels 2 to 4 is provided.

[0040] And as the input signal generation device, there exist a coin detection part 53S for counting the number of coins paid out from the hopper 53, a payout completion signal generation circuit 63, the numerical keypad device 35 constructed from the numerical keypad image displayed on the liquid crystal display panel 5d and the predetermined area of the touch panel 5k corresponding to the numerical keypad image and a numerical keypad device detection circuit 64. The payout completion signal generation circuit 63 generates a signal to detect a coin payout completion when the coin count value corresponded to the coin number actually paid out and input from the coin detection part 53S reaches to the payout coin number data. And the numerical keypad device detection circuit 64 detects operation of the numerical keypad device 35, such operation being done by touching the touch panel 5k corresponding to numerical keys of the numerical keypad image displayed on the liquid crystal display panel 5d and outputs the detected operation signal to the main CPU 42. The above payout completion signal generation circuit 63 and the numerical keypad device detection circuit 64 are also connected to the main CPU 42 through the I/O port 49. Here, the main CPU 42 constructs a denomination recognition device to recognize the numerical value input from the numerical keypad device 35 as the sum betted for one bet.

[0041] In the above construction, before the game is conducted in the slot machine 1, the play at first inserts coins in the coin insertion slot 11 or inserts a bill in the bill insertion slot 12, thereby the betted money is stored in the slot machine 1. Next, the sum betted for the game is directed by the player among the betted money which is stored. This direction is done by determining the denomination corresponding to the sum betted for one bet and the bet number.

[0042] On a game image displayed on the reel display window portion 5, as shown in FIG. 6, a character image 31,