

upper and lower positions on the rear side of the reflection film 36. The light, which is emitted from the fluorescent lamps 38a and 38b and reflected on the surface of the reels 3L, 3C, 3R, further entered in the non-reflection areas 36BL, 36BC, 36BR, illuminates the liquid crystal panel 34. Therefore, the fluorescent lamps 38a and 38b function as the illumination means for illuminating the symbols arranged on the reels 3L, 3C, 3R and one of the illumination means for the areas mainly corresponding to the symbol display areas 21L, 21C, 21R within the area on the liquid crystal panel 34. The fluorescent lamps 38a and 38b function as common illumination means for illuminating both the above symbols and areas. Further, the fluorescent lamps 38a and 38b also function as the forward illumination means for illuminating the first display means from the front side thereof. As mentioned above, the first display means and the second display means are commonly illuminated by the common illumination means. That is to say, since not only the first display means but also the second display means are illuminated by the light emitted from the common illumination means, cost becomes cheaper than a case that the illumination means is independently arranged for each display means. Further, by controlling the common illumination means illumination control can be made simple and the same illumination for two display means can be also realized at the same time.

[0058] Next, with reference to FIG. 7, function of the LED lamp 29 and the fluorescent lamps 37a, 37b, 38a, 38b will be described. In FIG. 7, moving direction of the emitted light from the lamp is shown by arrows.

[0059] FIG. 7 (1) schematically shows function of each lamp when the liquid crystal existing at the symbol display areas 12L, 21C, 21R is not driven (voltage is not added between the transparent plates of portions corresponding to the symbol display areas in the liquid crystal panel 34).

[0060] A part of the light emitted from the fluorescent lamps 38a, 38b is reflected on the reel sheet. And a part of the light emitted from the LED lamps 29 arranged on the LED receiving circuit board 24 penetrates through the reel sheet. Since the above light penetrates through the non-reflection areas 36BL, 36BC, 36BR, the light guide plate 35 and the liquid crystal panel 36 both of which constructs the liquid crystal display device 31, the player can see and recognize the symbols arranged on the reels. Therefore, in a case that the liquid crystal existing at the symbol display areas 12L, 21C, 21R is not driven, the LED lamps 29 and the fluorescent lamps 38a, 38b function as the illumination means for the symbols arranged on the reels 3L, 3C, 3R.

[0061] On the contrary, the light emitted from the fluorescent lamps 37a, 37b and led into the light guide plate 35 penetrates through the liquid crystal panel 34 and enters in eyes of the player. That is, the fluorescent lamps 37a, 37b function as the illumination means for the area in the liquid crystal panel 34 corresponding to the above window frame display areas 22L, 22C, 22R and the effect display area 23.

[0062] FIG. 7 (2) schematically shows function of each lamp when the liquid crystal existing at the symbol display areas 12L, 21C, 21R is driven (voltage is added between the transparent plates of portions corresponding to the symbol display areas in the liquid crystal panel 34).

[0063] A part of the light emitted from the fluorescent lamps 38a, 38b is reflected on the reel sheet. And a part of

the light emitted from the LED lamps 29 penetrates through the reel sheet. Since a part of the above light is reflected on or absorbed in or penetrated through the areas that the liquid crystal is driven within the area of the liquid crystal panel 34, the player can see and recognize the effect display and the like displayed on the symbol display areas 21L, 21C, 21R. Therefore, in a case that the liquid crystal existing at the symbol display areas 12L, 21C, 21R is driven, the LED lamps 29 and the fluorescent lamps 38a, 38b function as the illumination means corresponding to the symbol display areas 21L, 21C, 21R within the area of the liquid crystal panel 34.

[0064] Here, in a case that a part of the areas corresponding to the symbol display areas 21L, 21C, 21R within the area of the liquid crystal panel 34 is driven, the LED lamps 29 and the fluorescent lamps 38a, 38b function as the illumination means for the symbols arranged on the reels 3L, 3C, 3R and for the areas corresponding to the liquid crystal not driven in the symbol display areas 21L, 21C, 21R within the liquid crystal panel 34.

[0065] FIG. 8 shows the circuitry construction including a main control circuit 41 for controlling game treatment operation in the gaming machine 1, peripheral devices electrically connected to the main control circuit 41, and a sub-control circuit 71 for controlling the liquid crystal display device 31 and speakers 12L, 12R based on the control command transmitted from the main control circuit 41. The main control circuit 41 and the sub-control circuit 71 construct the game result display control means. The main control circuit 41 has functions as the internal winning combination determination means, the first display control means and the beneficial state producing means. The internal winning combination determination means determines the internal winning combination among plural winning combinations based on the output from the game start instruction means. The first display control means controls the first display means based on the determined result by the internal winning combination determination means and the output by the game result leading means. The beneficial state producing means produces beneficial state for the player when a predetermined game result is displayed on the game result display means. And the sub-control circuit 71 controls the second display means based on the determined result by the internal winning combination determination means and the output from the game result leading means.

[0066] The main control circuit 41 is mainly constructed from a microcomputer 42 arranged on the circuit board, in addition to a circuit for sampling random number. The microcomputer 42 includes a CPU 43 conducting control operation according to preset program, a ROM 44 and a RAM 45.

[0067] To the CPU 43, a clock pulse generator 46 generating reference clock pulses, a frequency divider 47, a random number generator 48 for generating random numbers sampled and a sampling circuit 49 are connected respectively. Here, as the means for sampling random number, it may construct that random number sampling is done according to the operation program of the CPU 43 in the microcomputer 42. In this case, the random number generator 48 and the sampling circuit 49 may be omitted, or these may be remained to back up random number sampling operation.