

GAMING MACHINE

FIELD OF TECHNOLOGY

[0001] The present invention relates to a gaming machine having variable display means for variably displaying various symbols necessary for a game and control means such as microcomputer and the like for controlling the variable display, the gaming machine including so-called Japanese pachislot machine; slot machine; ball flipping machine such as the first grade~third grade Japanese pachinko machine, arrange ball machine, mah-jong ball gaming machine or slit-slot machine; video slot machine; video poker machine and the like.

DESCRIPTION OF RELATED ART

[0002] For example, the Japanese pachislot machine has a mechanically variable display device in which it is provided a plurality of rotating reels each of which variably displays plural symbols within a display window arranged in front of the machine, the reels being parallel provided in plural lines. According to start operation by a player, the control means drives and controls the variable display device and the reels are rotated, thereby symbols on the reels are variably displayed. And rotation of each reel is stopped automatically or based on stop operation by the player. At that time, in a case that the symbols of each reel displayed within the display window comprises a predetermined combination (the winning mode), game media such as medals or coins are paid out, thereby a predetermined benefit is given to the player.

[0003] Further, it is previously proposed a gaming machine having a plurality of reel drums, reel strips each of which is arranged on an outer periphery of each reel drum and on each outer surface of which the symbols are described in a divided manner, light sources each of which illuminates the symbol division on each reel strip from the backside thereof and is arranged within each reel drum and control means for controlling illumination by the light sources. Here, in the reel strip, the symbol portion is made semitransparent and the background of the symbol is made transparent or semitransparent, and the light source is constructed from a plurality of luminous diodes arranged in a dot-matrix manner. The control means controls light emission of each luminous diode, thereby light emission of the light source is controlled so as to display characters or figures by the emitted diodes.

[0004] And it is known a gaming machine that predetermined waiting images are displayed under power turning on state of the gaming machine during a non-gaming state from an end of a game to a start of the next game, in order to inform the player that games can be started by inserting coins.

[0005] See, for example, Japanese unexamined Publication No. 2001-353255.

SUMMARY OF THE INVENTION

[0006] However, in the above mentioned gaming machine, images are merely displayed, therefore there is a case lacking for interest for games.

[0007] The object of the present invention is to provide a gaming machine which is constructed to include first display

means and second display means arranged at a more front side than a display area of the first display means when seeing a front side of the gaming machine, light transmitting symbols of the second display means being variably displayed so as to be able to see a part of the first display means, thereby interest for games can be enhanced.

[0008] The gaming machine of the present invention comprises: game result display means for displaying a game result thereon; and beneficial state generating means (for example, the CPU 43 mentioned later) for generating a beneficial state for a player when a predetermined game result is displayed on the game result display means; wherein the game result display means includes first display means (for example, the reels 3L, 3C, 3R mentioned later) and second display means (for example, the liquid crystal display device 31 mentioned later) arranged at a more front side than a display area of the first display means when seen from a front side of the gaming machine, and wherein the second display means has light transmitting symbols (for example the fireworks 92 mentioned later) capable of displaying display contents of the first display means there-through, and the light transmitting symbols are variably displayed on the second display means.

[0009] In the gaming machine of the present invention, the light transmitting symbols may have specific shapes.

[0010] The gaming machine may further comprise rear illumination means for illuminating the first display means from a rear side thereof

[0011] The gaming machine may further comprise: light transmitting mode memory means (for example, the image ROM 86 mentioned later) for storing a plurality of display modes of images including the light transmitting symbols; and light transmitting mode select means (for example, the sub-CPU 73 mentioned later) for selecting one or a plurality of display modes among the display modes stored in the light transmitting mode memory means; wherein the second display means displays an image including the display area based on a selected result by the light transmitting mode select means.

[0012] In the concrete embodiment of the present invention, the first display means includes a plurality of symbol display parts (for example, reels 3L, 3C, 3R mentioned later) capable of variably displaying one or a plurality of symbols and conducting stop display thereof, and wherein the light transmitting symbols correspond to areas which are driven so that the player sees and recognizes a part of the symbol (for example, the reel sheet mentioned later) display parts.

[0013] In the gaming machine according to the present invention, the game result display means is constructed to include the first display means and the second display means arranged at a more front side than the display area of the first display means when seeing the front side of the gaming machine, and the second display means has the light transmitting symbols capable of displaying the display contents of the first display means therethrough and variably displays the light transmitting symbols thereon, thereby interest for games can be enhanced.

BRIEF DESCRIPTION OF THE DRAWINGS

[0014] FIG. 1 is a perspective view of a slot machine according to the embodiment.