

rear holder **508**, and an antistatic sheet **509** which are stacked in order. A display driver **512** is disposed in the upper part of the liquid crystal display **5** for driving the liquid crystal **504** to display an image on the liquid crystal **504**. The antistatic sheet **509** prevents dusts from being deposited on the portion corresponding to the reel window (display window).

[0055] The light guide plate **507** is a plate material subjected to special treatment (including laser beam machining) to uniformly reflect light on the back of a plate member such as an acrylic plate. The light guide plate **507** receives light of cold-cathode tube **511a**, **511b** used as liquid crystal backlight from the end face, reflects the light on the rear, and produces uniform surface light emission. The light guide plate **507** and the rear holder **508** are formed with vertically oriented rectangular display windows (**4L**, **4C**, and **4R** in **FIG. 2**). The display windows **4L**, **4C**, and **4R** are visually observed through the liquid crystal display **5**. Specifically, the symbols on the reels **3** are seen through the liquid crystal **504** within the frames of the display windows **4L**, **4C**, and **4R**.

[0056] The cold-cathode tubes **511a** and **511b** are used as liquid crystal backlights for areas outside the frames of the display windows **4L**, **4C**, and **4R** through the light guide plate **507**. In contrast, three longitudinally arranged reel backlights **513** provided for each reel **3** are used as liquid crystal backlights for areas within the frames of the display windows **4L**, **4C**, and **4R**. Two fluorescent lamps **510** disposed above and below the row of the display windows **4L**, **4C**, and **4R** are also used as liquid crystal backlights for areas within the frames of the display windows **4L**, **4C**, and **4R**, as also shown in **FIG. 9**. Further, the reel side reflectors **320** disposed on the sides of the reels **3** reflect light emitted from the reel backlights **513** and light emitted from the fluorescent lamps **510**, and the light reflected by the reel side reflectors **320** is also applied to the liquid crystal in the areas within the frames of the display windows **4L**, **4C**, and **4R** for illuminating the area. Particularly, each reel side reflector **320** is disposed along the triangular region in the gap between the reel **3** and the liquid crystal display **5**. The length of the side of the reel side reflector **320** opposed to the liquid crystal display **5** is longer than the longitudinal length of the display window **4L**, **4C**, **4R** and is longer than the spacing between the two fluorescent lamps **510**.

[0057] **FIG. 7** shows an image display assistance area **P6** covered with the reel side reflector **320**. In **FIG. 7**, **P1** indicates a symbol placement face of the front of the reel **3** on which the symbols are placed, **P2** indicates a symbol transmission face, corresponding to the display window **4**, for allowing the symbols to pass through in the liquid crystal **504**, **P3** indicates a vertical face at the position where the reel side reflector **320** is provided on the side of the reel **3**, **P4** indicates an upper parallel face containing the upper side of the symbol transmission face **P2**, and **P5** indicates a lower parallel face containing the lower side of the symbol transmission face **P2**. The reel side reflector **320** in **FIG. 3** covers the area **P6** sandwiched between the symbol placement face **P1** and the symbol transmission face **P2** on the vertical face **P3** on the side of the reel **3** (image display assistance area). More particularly, the reel side reflector **320** covers the image display assistance area **P6** of the face formed by the symbol placement face **P1**, the symbol transmission face **P2**,

the upper parallel face **P4**, and the lower parallel face **P5** on the vertical face **P3** on the side of the reel **3**.

[0058] In the invention, considering the visual field of the player and the clearance required on installation between the members, it is not necessary to cover all of the logical area **P6** as shown in **FIG. 7** if the portion corresponds to the area beyond the visual field of the player on the liquid crystal **504**, needless to say. In short, the reel side reflector **320** almost covers the gap on the side of the reel **3** on the background of the area within the visual field of the player on the liquid crystal **504**, whereby color development of the liquid crystal **504** is perceived according to the color of the reel side reflector **320** (the reference color used as the reference of perception of color or monochrome, for example, white) for assisting image display of the liquid crystal **504**.

[0059] **FIG. 8** shows the positional relationships among the reels **3L**, **3C**, and **3R**, the liquid crystal **504**, the fluorescent lamp **510**, the reel backlights **513L**, **513C**, and **513R**, and the reel side reflectors **320L** and **320R** viewed from above. Specifically, the reel backlights **513L**, **513C**, and **513R** illuminate the symbols on the reels **3L**, **3C**, and **3R** from behind and also illuminate the areas within the frames of the display windows **4L**, **4C**, and **4R** of the liquid crystal **504**. The fluorescent lamps **510** illuminate the symbols on the reels **3L**, **3C**, and **3R** from the slanting top and bottom of the front and also illuminate the liquid crystal in the areas within the frames of the display windows **4L**, **4C**, and **4R** of the liquid crystal **504**. Further, the reel side reflectors **320L** and **320R** reflect the light emitted from the reel backlights **513L**, **513C**, and **513R** and the light emitted from the fluorescent lamps **510** for illuminating the symbols on the reels **3L**, **3C**, and **3R** from the sides and also illuminating the liquid crystal in the areas within the frames of the display windows **4L**, **4C**, and **4R** of the liquid crystal **504**. More particularly, the light reflected by the reel side reflectors **320** includes not only the light directly reaching the reel side reflectors **320L** and **320R** from the reel backlights **513L**, **513C**, and **513R** and the light directly reaching the reel side reflectors **320L** and **320R** from the fluorescent lamps **510**, but also light transmitted or reflected on the reels **3L**, **3C**, and **3R** and then reaching the reel side reflectors **320L** and **320R**.

[0060] Therefore, the images displayed in the areas within the frames of the display windows **4L**, **4C**, and **4R** of the liquid crystal **504** are sharply displayed owing to the light arriving through the symbol rows (reel belts) on the reels **3L**, **3C**, and **3R** from the reel backlights **513**, the light arriving directly from the fluorescent lamps **510**, the light arriving after reflected on the reel side reflectors **320L** and **320R**, and the light arriving after reflected on the symbol rows (reel belts) on the reels **3L**, **3C**, and **3R**. Particularly, the light reflected on the reel side reflectors **320L** and **320R** and the light reflected on the reel side reflectors **320L** and **320R** and then further reflected on the symbol rows on the reels **3L**, **3C**, and **3R** contribute to color development of the images in the areas of the liquid crystal **504** in front of the reels **3L**, **3C**, and **3R**.

[0061] Next, the components involved in operation of the pinball slot machine **1** will be discussed with **FIG. 2**. The display windows **4L**, **4C**, and **4R** are formed with a top line **8b**, a center line **8c**, and a bottom line **8d** in the horizontal