

design of the deco panel can be freely changed to vary the outer appearance of the base unit.

[0295] Lastly, the LED holder is engaged without using an engaging unit, and a transfer path of the LED light is bent by 90°, so that the base unit can be slim.

[0296] Consequently, the base unit and the display unit can be light, thin and compact, so that the portability of a disk player can be improved.

[0297] As the present invention may be embodied in several forms without departing from the spirit or essential characteristics thereof, it should also be understood that the above-described embodiments are not limited by any of the details of the foregoing description, unless otherwise specified, but rather should be construed broadly within its spirit and scope as defined in the appended claims, and therefore all changes and modifications that fall within the meets and bounds of the claims, or equivalence of such meets and bounds are therefore intended to be embraced by the appended claims.

What is claimed is:

1. A locking hook structure for a disk player, comprising:

a hook housing;

a locking hook projecting from said hook housing;

a hook body connected at one end to said locking hook and mounted within said hook housing;

a spring connected to a second end of said hook body and mounted within said hook housing;

a recess between said hook body and said hook housing allowing said hook body and said locking hook to be rotated within said housing;

wherein said hook housing is installed within a first frame of said disk player and said locking hook extends into a hooking groove in a second frame of said disk player.

2. The locking hook structure created in claim 1, wherein the locking hook includes a hooking jaw at a front end.

3. The locking hook structure according to claim 2, wherein the spring supports the locking hook inside the hook

housing and exerts an elastic force in a direction so that the hooking jaw is hooked in the hooking groove.

4. The locking hook structure according to claim 2, wherein said first frame and said second frame are opened by applying force, causing said hooking jaw to be rotated within the hooking groove and said locking hook to be moved in a direction so that the spring is compressed within the hook housing and the hooking jaw is released from the hooking groove.

5. A disk player having a locking hook structure, comprising:

a first frame including a hooking groove;

a second frame including a hook housing;

said hooking groove having a lower inclined face and an upper inclined face;

said hook housing containing a spring and a hook body in a longitudinal direction, said spring exerting force to said hook body in said longitudinal direction;

a recess between said hook body and said hook housing, allowing said hook body to be rotated in a direction transverse to said longitudinal direction;

a locking hook projecting from said hook housing toward said hooking groove and attached to said hook body at an end opposite to said spring;

said locking hook extending into said hooking groove in a locked position;

wherein force is applied to open said disk player, causing said locking hook to be rotated within the hooking groove and rotating said hook body within said recess so that said locking hook is released from said hooking groove.

6. The disk player according to claim 5,

wherein said locking hook includes a hooking jaw which contacts said upper inclined face and lower inclined face and which is rotated within the hooking groove and guided along the lower inclined face when said disk player is opened.

* * * * *