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1,930,335

FILM RECEPTACLE

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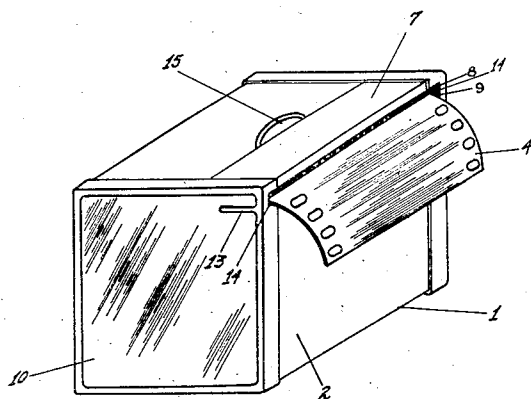


Fig. 1.

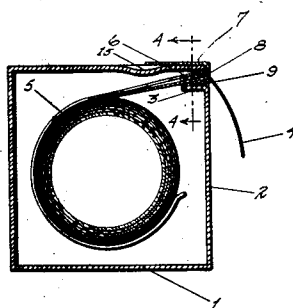


Fig. 2.

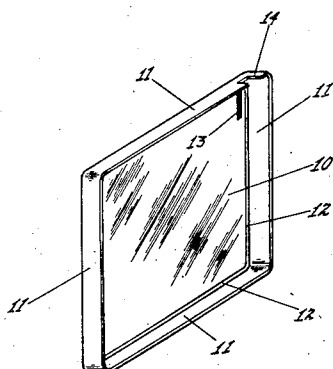


Fig. 3.

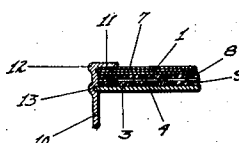


Fig. 4.

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FILM RECEPTACLE

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Application January 4, 1932. Serial No. 584,731

3 Claims. (Cl. 242—71)

My invention relates to film receptacles and particularly to that type of receptacle used as a cartridge in a camera and from which and into which a length of film may be withdrawn and inserted, the film length passing past an exposure station between the loaded cartridge from which it is drawn to the empty cartridge into which it is inserted.

The primary object of my invention lies in the provision of a film receptacle of this character which is of all metal construction and which is provided with end members removably secured in position in such a manner to exclude light from reaching the interior of the receptacle.

Other objects and advantages will be apparent as the description proceeds, reference now being had to the figures of the accompanying drawing forming a part of this application and wherein like reference numerals indicate like parts.

In the drawing:

Figure 1 is a perspective view of a film receptacle embodying my invention, showing the parts in assembled position.

Figure 2 is a detail sectional end view of the receptacle.

Figure 3 is a detail perspective view of one of the end members.

Figure 4 is a detail sectional view taken on the line 4—4 of Figure 2.

The receptacle body is indicated generally at 1 and comprises a metal blank bent to substantially rectangular form to provide the four sides of the box or receptacle. The front side 2 has its upper edge terminating slightly below the front edge of the top side, as shown clearly in Figure 2, and bent inwardly to form the flange 3. This leaves a slot along the upper front edge of the receptacle through which the film 4 may be inserted and withdrawn.

Positioned within the receptacle 1 is a spring guide member 5 semi-circular in form and provided with an extension 6 projecting outwardly through the slot in the upper front edge of the receptacle and bent rearwardly over the top of the receptacle as at 7, whereby the spring guide is supported within the receptacle. As shown clearly in Figure 2, the film when inserted through the slot into the receptacle coils upon itself in the spring guide 5.

The extension 6 of this spring guide is provided on its under side at the point where it passes through the slot, with a strip 8 of velvet or other soft material, and opposing such strip and fastened to the upper edge of the flange 3, is another layer 9 of such material, between which layers

or strips the film is adapted to be pulled. These strips of soft material are of such character that they do not scratch the film when the same is pulled between them and also serve to prevent the entrance of light through the slot into the receptacle.

End members 10 are provided for closing the open ends of the receptacle and these end members are provided with the flanges 11 adapted to overlie the ends of the sides of the receptacle and fit tightly thereover.

The end members 10 are formed around the edges at the points where the flanges 11 are bent outwardly therefrom with beads 12 to receive the free edges of the side members comprising the receptacle, thus providing a tight fit and light lock all around the ends of the receptacle where the end members 10 fit thereover. The end members 10 are also provided with an outwardly struck indentation or bead 13 at the proper position to receive the free end of the flange 3 at each end of the receptacle as shown clearly in Figure 4. This provides an additional light lock to prevent the passage of light into the receptacle around such flange ends.

The corner of the end members 10 adjacent the slot through which the film is withdrawn and inserted, is notched as at 14 to permit the free passage of the film through such slot.

It will be noted with reference to Figure 1 that the end members 10 serve not only as closures for the ends of the receptacle 1 but as a means for retaining the overlying portion 7 of the spring guide 5 in position and also for holding and maintaining the sides of the receptacle in properly aligned position.

At a point substantially centrally of the top side of the receptacle, the material thereof is preferably depressed as at 15, the edge of the portion 7 of the spring guide, overlying a portion of such depression, whereby to provide means for easily lifting the receptacle out of a camera body by inserting the finger nail or some suitable tool underneath such portion 7.

It will thus be seen that I have provided an all metal film receptacle of the general character described which is of few parts, economical to manufacture, easily assembled and which is so designed as to prevent the passage of light into such receptacle, thus protecting the film against inadvertent light action.

Of course, changes may be made in details of construction and arrangement of parts without departing from the spirit and scope of my invention. I do not limit myself, therefore, to the

exact form herein shown and described other than by the appended claims.

I claim:

1. A film receptacle comprising a strip of material bent to substantially rectangular box-like form with one end of said material being spaced from the opposite end and bent inwardly to form a slot, a film guide in said receptacle and extending through said slot, soft anti-friction means closing said slot to light and permitting passage of film therethrough, and closure means for the ends of said receptacle.

2. A film receptacle comprising a strip of material bent to substantially rectangular box-like form with one end of said material being spaced from the opposite end and bent inwardly to form a slot, a film guide in said receptacle and extending through said slot, soft anti-friction means closing said slot to light and permitting passage of film therethrough, and closure means for the

ends of said receptacle, said closure means comprising end members embracing the ends of said receptacle and having light locking connection therewith.

3. A film receptacle comprising a strip of material bent to substantially rectangular box-like form with one end of said material being spaced from the opposite end and bent inwardly to form a slot, a film guide in said receptacle and extending through said slot, soft anti-friction means closing said slot to light and permitting passage of film therethrough, and closure means for the ends of said receptacle, said closure means comprising end members embracing the ends of said receptacle and having light locking connection therewith including beads cooperating with the ends of said receptacle and with the inwardly turned end of said material.

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30	105
35	110
40	115
45	120
50	125
55	130
60	135
65	140
70	145
75	150