Jan. 31, 1956 C. HEPTING 2,732,876

CARRIERS FOR CAMERAS

Filed Feb. 11, 1954

Fig. 1.

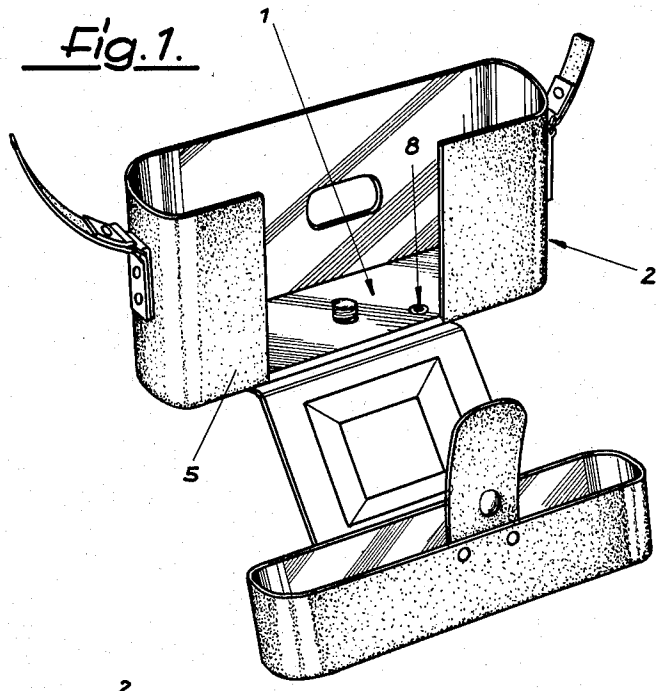


Fig. 2.

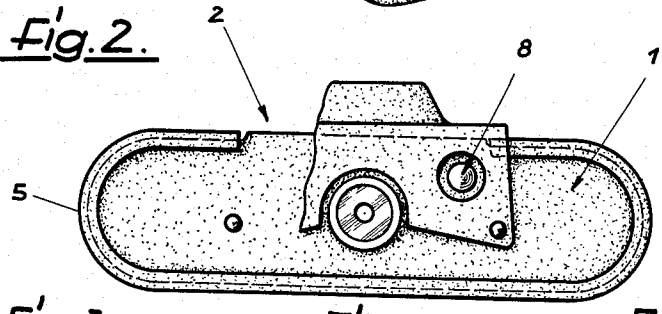


Fig. 3.

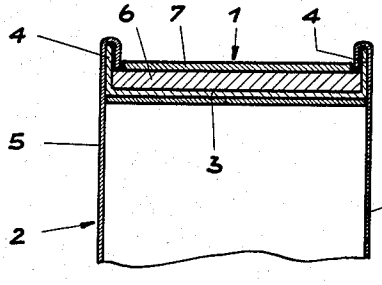


Fig. 5.

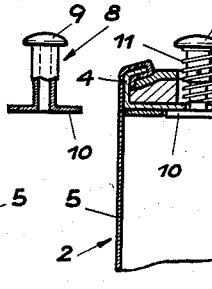
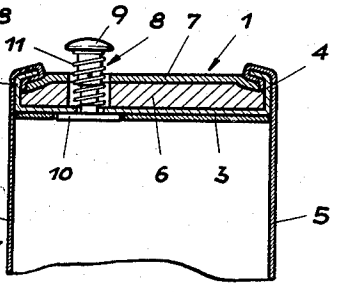


Fig. 4.



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2,732,876

CARRIERS FOR CAMERAS

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4 Claims. (Cl. 150—52)

The invention relates to carriers, holders and containers for photographic apparatus, particularly cameras. Heretofore such camera carriers have been provided with a bottom section or member which was seamed to the side member and it is of course quite difficult to place the seam in such a way that the pocket in the carrier is maintained uniformly as to the bottom section relative to the outer walls.

It is therefore an object of the invention to provide a union between the bottom and sides of the carrier forming the pocket or holder for the camera, that no stitches or seaming is necessary. It is a further object of the invention to construct the bottom of the carrier of an insert of a formable material, as for example sheet metal, and to provide an edge section or rim around which the pocket or side material is drawn and the metal insert is clamped or crimped with the side material. Thus the crimped over portion of the peripheral edge of the bottom and sides makes it unnecessary to provide any stitching of any kind and the actual connection of the bottom part with the side parts is carried out entirely by mechanical means.

It is thus a further object of the invention to provide the bottom portion of the carrier so that it has a uniform configuration so that the side walls will have and maintain the same distance entirely around the bottom part of the carrier. With the metal insert the pocket is more rigid and serviceable. The main bottom portion of the carrier is made of cardboard or the like and the side portions are preferably made of leather, although plastic materials may be used.

Another object of the invention is to provide the bottom section of the carrier with a mechanical push button in order to easily force the camera upwardly out of the top of the pocket when it is desired to remove the camera out of the carrier. The push button is spring pressed and it is secured in the bottom section of the carrier. The push button is provided with an internal circular disc which in the normal position of the push button, is in the same plane with the inner bottom surface of the pocket.

A still further object of the invention resides in the structure of the push button in which a compression coil spring is provided around a shank of the button, the internal end disc or ring member being pressed out with the shank of the push button being hollow.

Further objects will be apparent from the following description when considered in connection with the accompanying drawing in which,

Figure 1 is a perspective view of the camera carrier in the open position,

Figure 2 is a bottom plan view of the carrier in the closed position,

Figure 3 is a vertical cross section through the bottom and sides on an enlarged scale and showing the edges before being bent over,

Figure 4 is a view similar to Figure 3 showing the pressure knob and the edges bent over, and

Figure 5 is a side elevation partly in section of the pressure knob.

The bottom 1 of the carrier pocket or receiver 2 consists of an insert 3 made of formable material such as sheet metal having an edge part 4 bent at right angles relative to the bottom 1 of the carrier. The side walls 5 of the pocket 2 preferably of leather, extends over and around the edge part 4 and then inwardly as best seen in Figure 3. The edge is then bent over inwardly as shown in Figure 4 clamping between the part 4 and the bottom 3, layers 6 and 7, of which the bottom layer 6 is adjacent the insert 3. The bottom layer 6 is for example composed of cardboard or the like and on the outer surface of the layer 6 there is an outer layer 7 composed of a material which will have an appearance similar to the pocket 2, such as leather.

On the bottom 1 of the carrier there is provided the usual means to removably secure a camera in the carrier and also a press button 8 is provided operable from the outside as shown in Figure 4. The press button 8 projects beyond the bottom 1 and is provided with a flat head portion or knob 9 which when pressed by a finger, the entire button 8 will be moved inwardly. On the inner end of the button 8 there is provided a disc 10 which in the normal position rests against the insert 3 but when the button 8 is pressed the disc 10 acts to raise the camera in the carrier. The button 8 is under the influence of a compression spring 11 which urges the button outwardly when the finger is released from the button. The spring is compressed between the head 9 and the insert 3.

Preferably the press button 8 is made integral with a hollow stem and terminating in the disc 10, as seen in Figure 5.

The operation and utility of the carrier is obvious from the foregoing description and the drawing.

The camera, not shown, is secured in the carrier in the usual manner by a center screw member and when the latter is separated or detached from the camera, the push button 9 is depressed against the action of the spring 11 so that the disc 10 can push the camera upwardly a slight distance so that it can be readily grasped and removed from the carrier pocket.

I claim as my invention:

1. Carrying case for cameras and the like comprising side walls, a bottom section secured to the side walls and composed of an insert of formable material with a rim portion provided along the entire periphery of said insert and bent-over outwardly from the case, the side walls extending over said rim portion to overlap its margin, said bottom section having at least one layer of material adjacent the insert and on the outer side thereof, the rim portion with the overlapping side wall portions being bent-over against the layer of material to secure the side walls rigidly to the bottom section to form a pocket to receive the camera.

2. Carrying case for cameras and the like comprising side walls, a bottom section secured to the side walls and composed of an insert of formable material with a rim portion provided along the entire periphery of said insert and bent-over outwardly from the case, the side walls extending over said rim portion to overlap its margin, said bottom section having two layers of material of which one is arranged adjacent the insert and on the outer side thereof and the other layer is arranged adjacent the first-mentioned layer and on the outer side thereof, the rim portion with the overlapping side wall portions being bent-over against the second-mentioned layer, the second-mentioned layer being arranged between opposite overlapping side wall portions to secure the side walls rigidly to the rim portion to form a pocket to receive the camera.

3. Carrying case for cameras and the like comprising a flat cylindrical side wall member, a bottom section hav-

ing its peripheral edge adjacent to the periphery of said side wall member and secured to the side wall member and composed of an insert of formable material with a rim portion provided along the entire periphery of said insert and bent-over outwardly from the case, the side wall member extending over said rim portion to overlap its margin, said bottom section having at least one layer of material adjacent the insert and on the outer side thereof, the rim portion with the overlapping side wall portions being bent-over against the layer of material to secure the side wall member rigidly to the bottom section to form a pocket to receive the camera.

4. Carrying case for cameras and the like comprising a flat cylindrical side wall member, a bottom section having its peripheral edge adjacent to the periphery of said side wall member and secured to the side wall member and composed of an insert of formable material with a rim portion provided along the entire periphery of said insert and bent-over outwardly from the case, the side wall member extending over said rim portion to overlap its margin, said bottom section having two layers of material of which one layer is arranged adjacent the insert and on the outer side thereof and the other layer is arranged adjacent the first-mentioned layer and on the outer side thereof, the rim portion with the overlapping side wall member portions being bent-over against the second-mentioned layer, the second-mentioned layer being arranged between opposite overlapping side wall member portions to secure the side wall member rigidly to the bottom section to form a pocket to receive the camera.

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