O. C. HUMMEL.

ROLL FILM CARRIER.

APPLICATION FILED APR. 16, 1919.

1,340,957. **Patented May 25, 1920.**

FIG. 1.

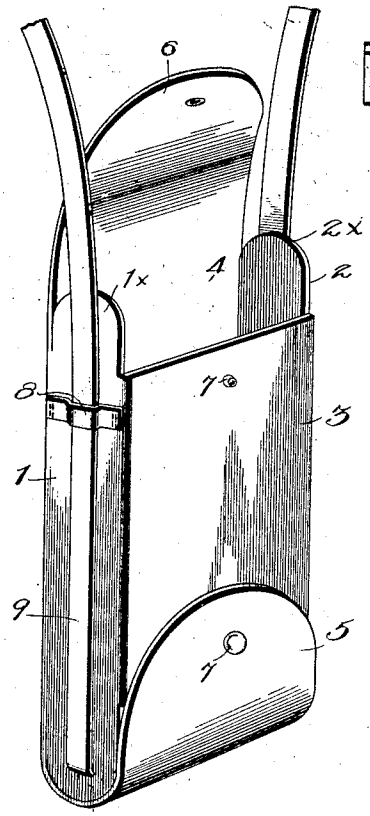


FIG. 2.

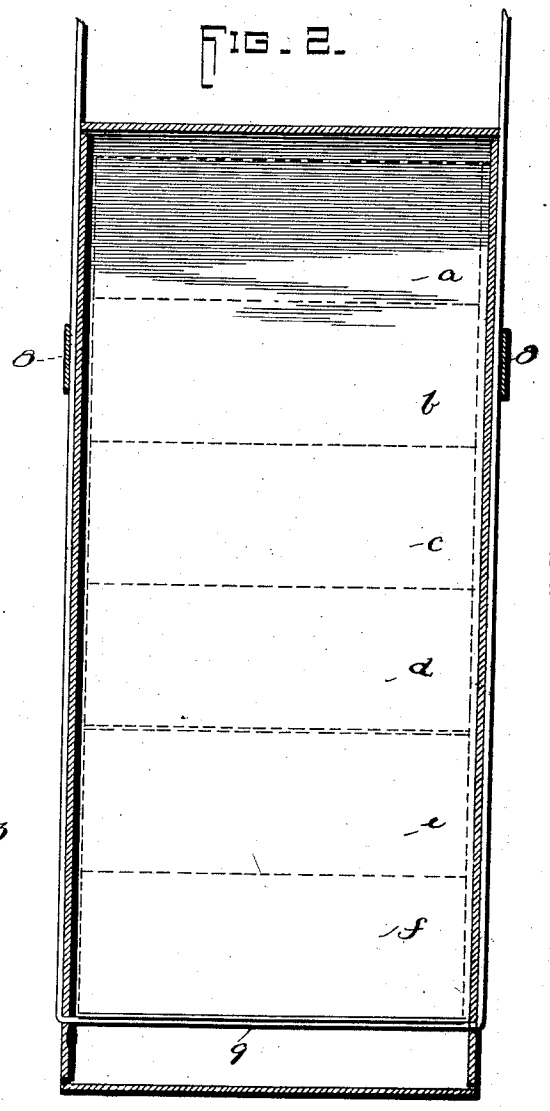
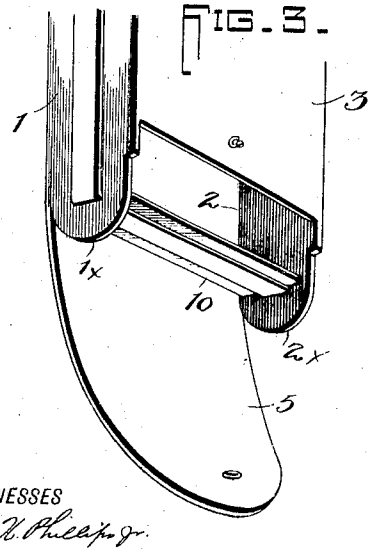


FIG. 3.



WITNESSES

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ROLL-FILM CARRIER.

1,340,957. Specification of Letters Patent. Patented May 25, 1920.

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To all whom it may concern:

Be it known that I, ORVILLE CHARLES HUMMEL, a citizen of the United States, residing at Nauvoo, county of Hancock, and State of Illinois, have invented certain new and useful Improvements in Roll-Film Carriers, of which the following is a specification.

My invention relates to improvements in carriers for film rolls, and it consists in the combinations, constructions and arrangements herein described and claimed.

An object of my invention is to provide a roll film carrier in which a number of containers for film rolls may be carried and protected from the weather, and in which means is provided for inserting containers having exposed films at the bottom of the carrier and for removing containers having unexposed films at the top.

A further object of my invention is to provide a device of the type described which will take up a minimum amount of room, while at the same time providing for keeping track of the exposed and unexposed films.

A further object of my invention is to provide a neat carrying case for containers of roll films, which is light in weight, made of few parts, and is easily operated.

Other objects and advantages will appear in the following specification, and the novel features of the invention will be particularly pointed out in the appended claims.

My invention is illustrated in the accompanying drawings, forming part of this application, in which—

Figure 1 is a perspective view of the carrier;

Fig. 2 is an enlarged longitudinal section through the carrier; and

Fig. 3 is a fragmentary perspective view of one end of the carrier, showing the latter in its open position.

In carrying out my invention I provide a casing which is preferably made of leather, and which consists of the side members 1 and 2, a front portion 3 and a back 4. The ends of the side members are rounded as shown at 1^x and 2^x, and the back 4 is extended at both ends to provide end flaps or covers 5 and 6 respectively. These end or cover portions are adapted to fold over and to be fastened to the front portion 3 by means of snap fasteners 7, or in any other suitable manner.

Each of the side members has a guide loop like that shown at 8, and is provided near one end with an opening through which a strap 9 may be passed. The strap 9 serves as a shoulder strap and also as a means for retaining the film containers in position, as will be explained later. It will be noted that the front portion 3 terminates short of the rounded ends of the side members 1 and 2. A movable bottom 10 is provided, this bottom being made of metal or other suitable material.

From the foregoing description of the various parts of the device, the operation thereof may be thoroughly understood. The dimensions of the carrier are such as to conveniently receive a number of containers such as roll films are usually carried in. In Fig. 2 I have shown, in dotted lines, six of these containers. When it is desired to use a film, container *a* shown at the top of the carrier is opened, the film is placed in the camera and the exposures are made, the empty container in the meantime being replaced in its proper position, *i. e.*, at the top. After the exposures are made the film is placed in the empty container and the latter removed from the carrier the flap 5 at the bottom is loosened and opened, and a finger is placed underneath the bottom 10 and the remaining five film containers are pushed upwardly, the container *a* having the exposed film being inserted in the place of the container *f*. The container *b* will now be at the top and the false bottom 10 will now separate the container *f* from the container *a*.

In a similar manner any number of film containers may be inserted at the bottom, and other containers having unexposed films removed from the top. Eventually the false bottom 10 will appear at the upper end of the carrier. The user of the device will then know that all the films have been exposed.

It will be seen that the shoulder strap 9 has a double function of affording a suspending means for the carrier and also of keeping the film containers from dropping out at the bottom when the bottom flap 5 is opened. By pulling that portion of the strap which is underneath the row of containers so that it will have slack, the insertion of a container at the bottom will be facilitated. The shoulder strap may be instantly pulled up taut so as to firmly retain the containers in their relative positions.

This device is compact, neat in appearance, and will keep the films from injury.

It also insures against double exposure, since one can always tell whether the film in a given container has been exposed if the containers are inserted and removed as described.

I claim:

1. A roll film carrier comprising a casing having parallel side members, a front terminating short of said side members, a back provided with end flaps adapted to cover the ends of the side members, a carrying strap having a portion arranged to extend between the side members at a point beyond the adjacent end of the front, whereby articles may be passed into the casing in position to be supported by the strap, and a movable false bottom adapted to rest normally on said carrying strap for receiving the articles.

2. A roll film carrier comprising a front portion, side members extending beyond the ends of the front portion, said side members having registering openings, a back provided with end flaps adapted to cover the ends of the side members, a carrying strap having a portion arranged to extend through the registering openings of said side members beyond the adjacent end of the front, whereby articles may be passed into the casing in position to be supported by the strap, and a movable false bottom adapted to rest normally on said carrying strap for receiving the articles, said casing being unrestricted from the supporting portion of said strap to the opposite end of the casing.

ORVILLE CHARLES HUMMEL.