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CONTAINER FOR SIGNAL FLARES

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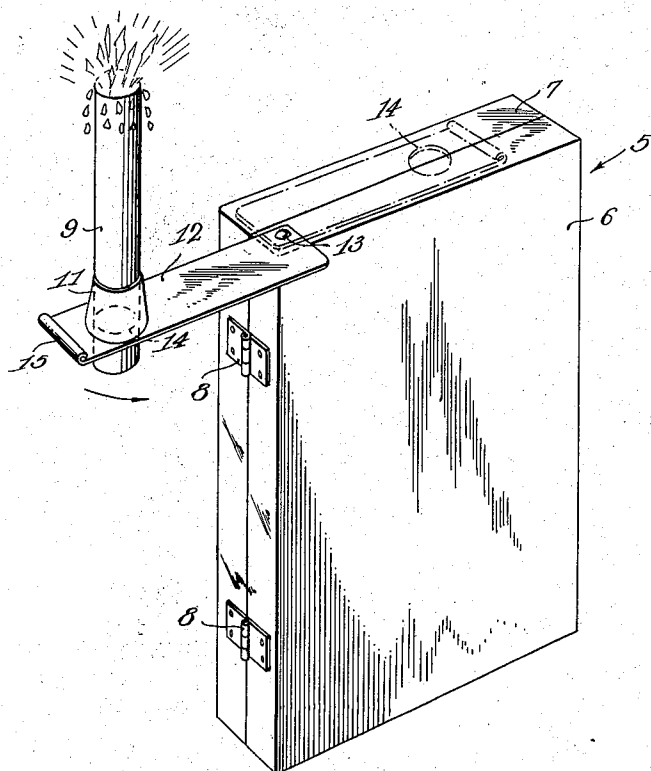


Fig. 1.

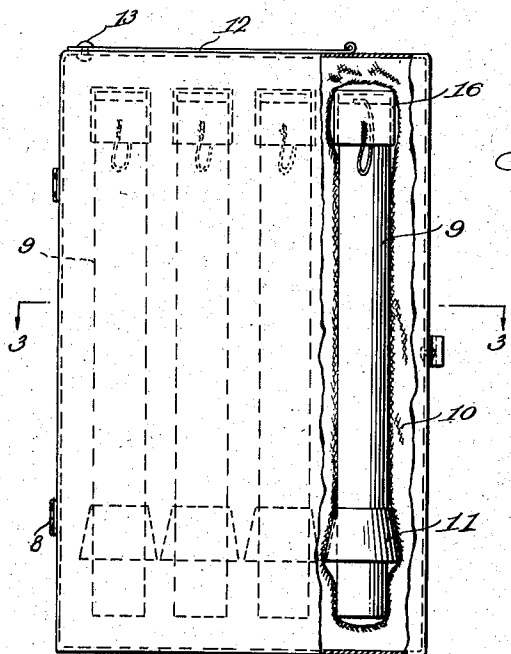


Fig. 2

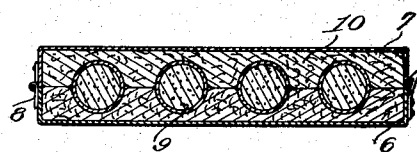


Fig. 3.

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CONTAINER FOR SIGNAL FLARES

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4 Claims. (Cl. 246—488)

The present invention relates to a new and improved container and holder for signal flares.

The herein described container is designed for use by steamship and airplane companies, a container to be sewed to or be placed in the pocket of life preservers. In case of a ship wreck or forced landing in the water, passengers are quite frequently forced to remain afloat in the water all night. The average passenger, in such predicament, loses his morale when daylight disappears and it is believed that the knowledge that he, as well as each companion, has in his possession a number of waterproof flares, each of which will burn several minutes, to direct the searchers, will materially aid in keeping up the courage of all survivors.

It is, therefore, an important object of the present invention to provide a container that is substantially waterproof and of a size to be sewed to or placed in the pocket of a life preserver for containing signal flares, with means when in use, for supporting a lighted flare to denote the position of the user.

The invention will be fully and comprehensively understood from a consideration of the following detailed description when read in connection with the accompanying drawing which forms a part of the application.

In the drawing:

Figure 1 is a perspective view of a container embodying the features of the present invention.

Figure 2 is a side elevational view thereof with parts in section, and

Figure 3 is a longitudinal sectional view taken substantially on line 3—3 of Figure 2.

Referring to the drawing for a more detailed description thereof, there is illustrated a receptacle or container 5 preferably formed of a light weight metal and comprising a pair of sections 6 and 7, respectively, united by means of hinges 8. The container 5 is preferably rectangular-shaped and of a size to support a number of signal flares 9 and to maintain said flares in a thoroughly dry condition. The container 5 is also of a size to be readily sewed or placed in the pocket of a life preserver.

Each of the sections 6 and 7, respectively, is filled with a waterproof felt material 10 to protect the flares 9 and to support the same in spaced relation within the container as more clearly shown in Figures 2 and 3 of the drawing. The material 10, is, of course, soft and pliable so that positioning of the flares in spaced relation is readily accomplished. The construction of the container and the use of the felt material will

maintain the flares in a dry condition at all times.

The flares 9 are of conventional construction being of the type conventionally used by railroads and for emergency use by the smaller navigable boats. It is preferred, however, to provide each flare, adjacent one end thereof, with a skirt or flange 11 to aid in supporting the same within the holder 12 forming a part of the container. The use of the flange 11 for supporting a flare within the holder 12 is more particularly illustrated in Figure 1 of the drawing.

The holder 12 is formed of a material similar to the container 5, the same being pivotally attached at 13 to an upper corner of one of the sections and adapted, when not in use, to lie flush with the top portion of the container as shown in dotted lines in Figure 1 of the drawing. An opening 14 is formed in the free end of the holder 12 for receiving a flare for supporting the same in signalling position. When using the holder, it is moved from the dotted line position to the full line position shown in Figure 1 of the drawing and the container will be held by the hand. The position of the holder and flare with respect to the container precludes the possibility of the hand and arm becoming burned or otherwise injured from the drippings from the flare. The free end of the holder 12 is rolled, as indicated at 15 for convenience in moving the same into and out of position with the container.

The flare 9 is formed with a cap 16 which will automatically ignite the flare as the cap is removed.

Also it will be understood, of course, by those skilled in the art that variations in the hereinabove described device involving the substitution of substantial equivalents for the devices described are intended to be comprehended within the spirit of the present invention and that the invention is capable of extended application and is not confined to the exact showing of the drawing nor to the precise construction described and, therefore, such changes and modifications may be made therein as do not affect the spirit of the invention nor exceed the scope thereof as expressed in the appended claims.

What is claimed is:

1. A container for signal flares and the like, comprising, a body portion formed of hinged sections of substantially light weight metal, each section containing a waterproof felt material, said felt material forming a protective cushion for supporting in spaced relation a plurality of signal flares, and means carried by said body portion for holding one of said flares in signal-

ling position, said means comprising an arm swingably mounted on one end of said body portion and having an opening in the free end thereof for supporting a signal flare in a vertical signalling position.

5 2. A container of the character described, comprising, a body portion formed of hinged sections, each section containing a waterproof felt material forming a protective cushion for supporting a plurality of signal flares in spaced
10 relation, and means carried by said body portion for holding one of said flares in vertical signalling position, said means comprising a plate attached exteriorly of said container and on
15 one end thereof and adapted to be moved laterally of the container when supporting a flare therein with said container serving as a handle.

3. A container of the character described, comprising, a body portion formed of hinged sections, each section containing a waterproof felt
20 material forming a protective cushion for sup-

porting a plurality of signal flares in spaced relation, and means carried by said body portion for holding one of said flares in vertical signalling position, said means comprising a plate normally having frictional engagement with one end
5 of the container and adapted to be moved laterally thereof when supporting a flare therein.

4. A container of the character described, comprising, a body portion formed of hinged sections, each section containing a waterproof felt
10 material forming a protective cushion for supporting a plurality of signal flares in spaced relation, and means carried by said body portion for holding one of said flares in vertical signalling position, said means comprising a plate nor-
15 mally overlying one end of the container and pivotally attached thereto whereby said plate is to be moved laterally of the container when supporting a flare therein.

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