H. BEER.

CARGO LIGHT.

APPLICATION FILED APR. 3, 1919.

1,403,935. Patented Jan. 17, 1922.

Fig. 2.

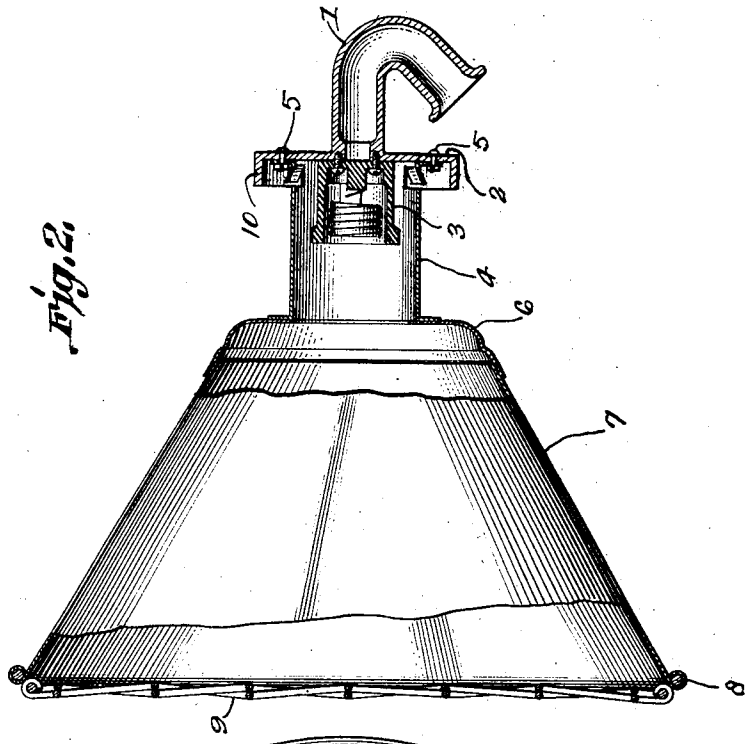
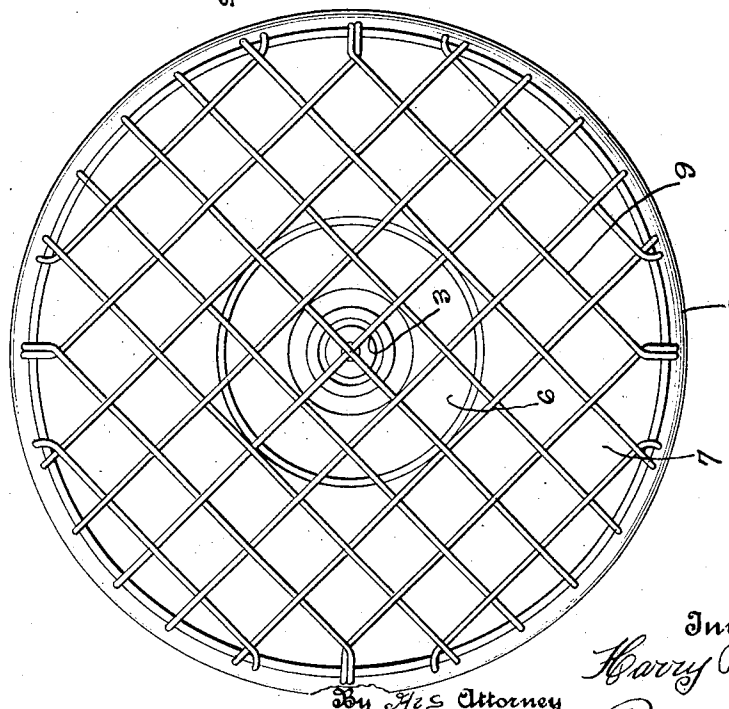


Fig. 1.



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UNITED STATES PATENT OFFICE.

HARRY BEER, OF BROOKLYN, NEW YORK.

CARGO LIGHT.

1,403,935. Specification of Letters Patent. Patented Jan. 17, 1922.

Application filed April 3, 1919. Serial No. 287,358.

To all whom it may concern:

Be it known that I, HARRY BEER, a citizen of the United States, and resident of the borough of Brooklyn, county of Kings, city and State of New York, have invented certain new and useful Improvements in Cargo Lights, of which the following is a specification.

This application and the invention about to be described refers to a type of portable lamp with a cargo light. It is that type of portable lamps used in and about boats during the time when the freight is being loaded or unloaded therefrom and has for its special purposes the provision of a portable lamp of high illuminating power and rigidity of construction to withstand the rough usage to which a device of this kind will naturally be subjected.

A still further object of this invention is to simplify the construction, make it operable under all conditions and easy to repair and further to provide means formed integral with the lamp, for supporting the lamp wherever desired.

The following is what I consider a good means of carrying out the invention and the accompanying drawings should be referred to for a complete understanding of the specification which follows:—

In the drawings:—

Fig. 1, shows a front plan view of my device.

Fig. 2, is a sectional view taken at right angles to the view in Figure 1.

Similar reference numerals indicate like parts in all of the figures where they appear.

The supporting member of my device is a tubular goose neck or hook 1 and formed integral therewith and at one end thereof is a cup or flanged member 2 extending outwardly from the adjacent end of the goose neck 1 to some considerable extent.

Secured within the flanged member 2 is a waterproof socket 3 and a shell 4 surrounds the socket and is also secured to the flanged member 2 by means of screws 5.

The member 4 is cylindrical and at the free or open end thereof I secure the upper portion of a reflector. This reflector may be constructed in two parts, 6 and 7, connected together by a suitable joint and it will be noted that the reflector is in the shape of a frustum of a cone, the larger end of which is provided with a strengthening bead 8. The wire guard 9 formed in disk shape is secured to the larger end of the cone-shaped reflector 7 and when suitable wires are passed through the gooseneck 1 and connected to the socket 3 and when a lamp is arranged in the socket the device is ready for operation.

I call particular attention to the fact that the lip 10 of the cup member 2 extends over the cylindrical member 4 and provides a petticoat therefore, obviating the possibility of water entering the device at the place where the member 4 is secured to the cup member 2, and within the cup member the cylindrical member 4 is perforated or provided with openings 11 produced by forcing a portion of the metal outward cutting it away along certain sides and allowing it to remain secured at other portions so that louvers 12 are produced in the member 4 under or within the cup member 2.

When the wires for the lamp are introduced through the goose neck 1 they may be sealed therein, but as the lamp will be used suspended, the hook or member 1 through which the wires are introduced to the lamp provides a very satisfactory waterproofing means or a means preventing water from following the wires into the lamp or socket.

Modifications in the shape and size or in parts may be made within the scope of the appended claims without departing from the principle or sacrificing the advantages of the invention.

Having carefully and fully described my invention, what I claim and desire to secure by Letters Patents is:—

1. A device of the class described comprising a tubular supporting member, a relatively wide outwardly extending annular flange at the lower end of said supporting member, a lamp socket secured centrally to the under side of the flange, a depending apron at the periphery of the flange, a cylindrical socket enclosing and protecting member, a reflector supported at the lower end of said socket enclosing member, an outwardly extending flange at the upper end of the socket enclosing member and attaching means extending through the flanges whereby danger of moisture entering the socket enclosing member is eliminated.

2. A device of the class described comprising a tubular supporting member, a relatively wide outwardly extending annular flange at the lower end of said supporting member, a lamp socket secured centrally to

the under side of the flange, a depending apron at the periphery of the flange, a cylindrical socket-enclosing and protecting member, a reflector supported at the lower end of said socket enclosing member, an outwardly extending flange at the upper end of the socket enclosing member and attaching means extending through the flanges whereby danger of moisture entering the socket enclosing member is eliminated, and ventilating openings formed in the socket enclosing member, in a plane between the upper and lower edges of the apron.

Signed at Brooklyn in the county of Kings, State of New York, this 1st day of March, 1919.

HARRY BEER.