No. 685,806. Patented Nov. 5, 1901.

H. W. WEBER.

LAMP.

(Application filed Mar. 28, 1901.)

(No Model.)

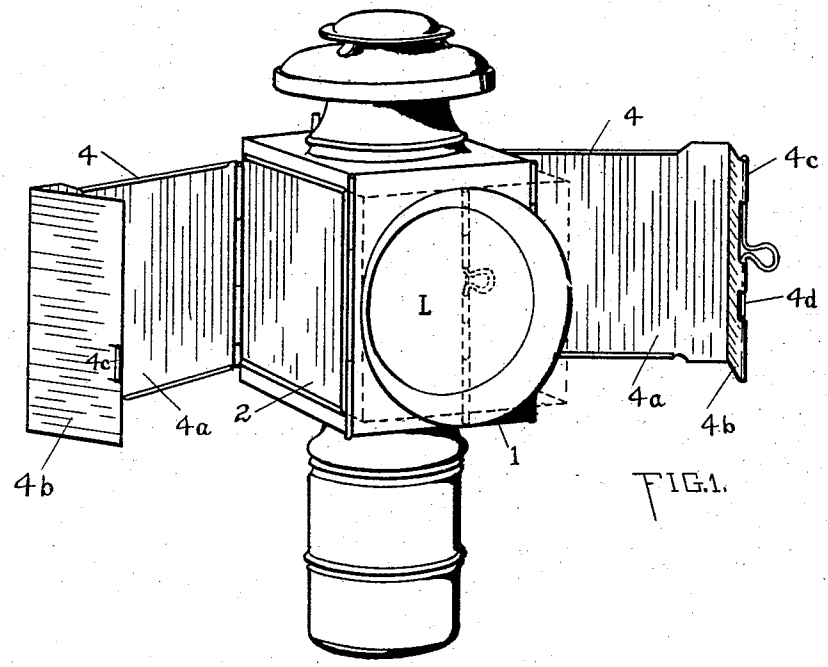


FIG. 1.

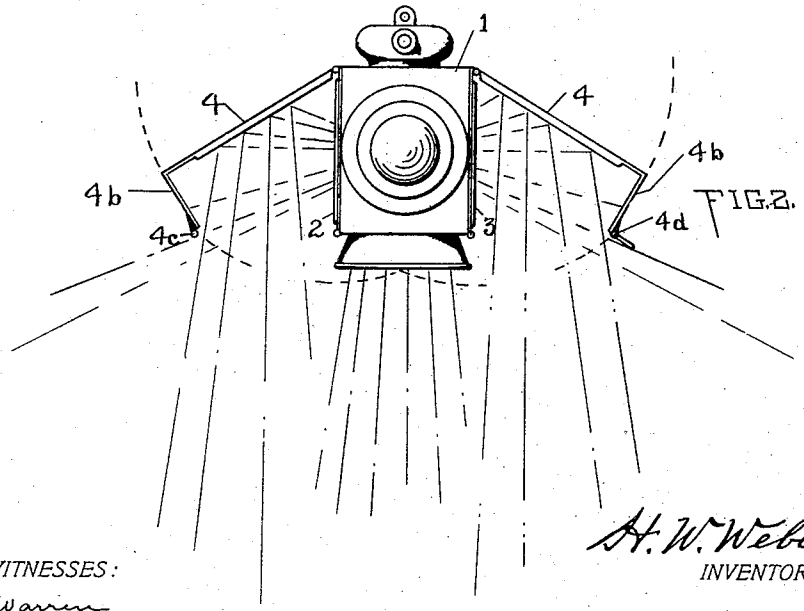


FIG. 2.

WITNESSES:

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UNITED STATES PATENT OFFICE.

HENRY W. WEBER, OF WEST BAY CITY, MICHIGAN.

LAMP.

SPECIFICATION forming part of Letters Patent No. 685,806, dated November 5, 1901.

Application filed March 28, 1901. Serial No. 53,313. (No model.)

To all whom it may concern:

Be it known that I, HENRY W. WEBER, a citizen of the United States, residing at West Bay City, in the county of Bay and State of Michigan, have invented certain new and useful Improvements in Lamps; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention is a signal-lamp for use on yachts, launches, and automobiles; and the improvements consist in certain construction of the hinged doors carrying reflecting-surfaces and arrangement of colored lights, whereby a single lamp is made to serve the threefold purpose of a headlight, a starboard, and a port light.

A further object is to produce a signal-lantern for yachts, automobiles, &c., having hinged doors which serve not only to reflect the colored signal-lights, but also prevent the lights from being seen when passing abreast of the lamp, and, furthermore, serve as a protecting-shield to cover both the side lights and the front lens when the lantern is not in use.

A lantern embodying my improvements is shown in the accompanying drawings, in which—

Figure 1 is a perspective view of the lantern with the hinged doors open. Fig. 2 is a top view.

As is clearly shown in the drawings, the device consists in a lamp-body 1, having a large pane of colored glass 2 3 at each side and a lens L in front. Hinged at each side of the lamp and along its rear edge is a swinging door 4, which closes over the pane of glass. On the inside surface of each of the doors 4 is a reflecting-surface 4^a, preferably of the same color as the glass, for reflecting the light from the panes 2 and 3 straight ahead or in any desired direction. The front edge of each door has an inwardly-turned flange 4^b. These flanges serve not only to shut off the light when the observer passes abreast of the lamp, but also to cover the front lens L to preserve it against injury during the daytime when the doors 4 are closed. The edge of each flange is turned to form a hollow bead 4^c, the bead of one flange being in line with that of the other flange when the doors are closed. A vertically-slidable rod 4^d is carried by the bead of one flange and engages the bead of the other flange by sliding endwise, thus securely locking the flanges together. It will be noticed that when the doors are closed the sides and front of the entire lamp are protected by them and a smooth surface is exposed, which can be readily cleaned and polished.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In combination with a lamp having a front lens and two colored side windows; flat doors hinged to the lamp at the rear edge of each pane, the forward end of each door having an inwardly-turned flange adapted to overlap the lens when the doors are closed; a reflector on the inside surface of each door, and means for locking the edges of the flanges together when the doors are closed.

2. In combination with a lamp having a front lens and two colored side windows; flat doors hinged to the lamp at the rear edge of each pane, the forward end of each door having an inwardly-turned flange adapted to overlap the lens when the doors are closed; a reflector on the inside surface of each door, said reflector corresponding in color to the color of its window, and means for locking the edges of the flanges together when the doors are closed.

3. In combination with a lamp having a front lens and two colored side windows and a door hinged near the rear edge of each pane and carrying an inside reflecting-surface; a flange on the front end of each door, said flange being turned inwardly and extending part way across the front of the lens to meet the opposing flange when the doors are closed and a catch for securing said flanges together, said doors and flanges serving as side reflectors for the colored lights when open, and forming a protecting-housing for the windows and lens when closed, substantially as and for the purposes set forth.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY W. WEBER.

Witnesses:

I. GOULD,

GEO. B. WILLCOX.