

W. S. HAMM.
 LANTERN.

APPLICATION FILED SEPT. 3, 1907.

920,053.

Patented Apr. 27, 1909.

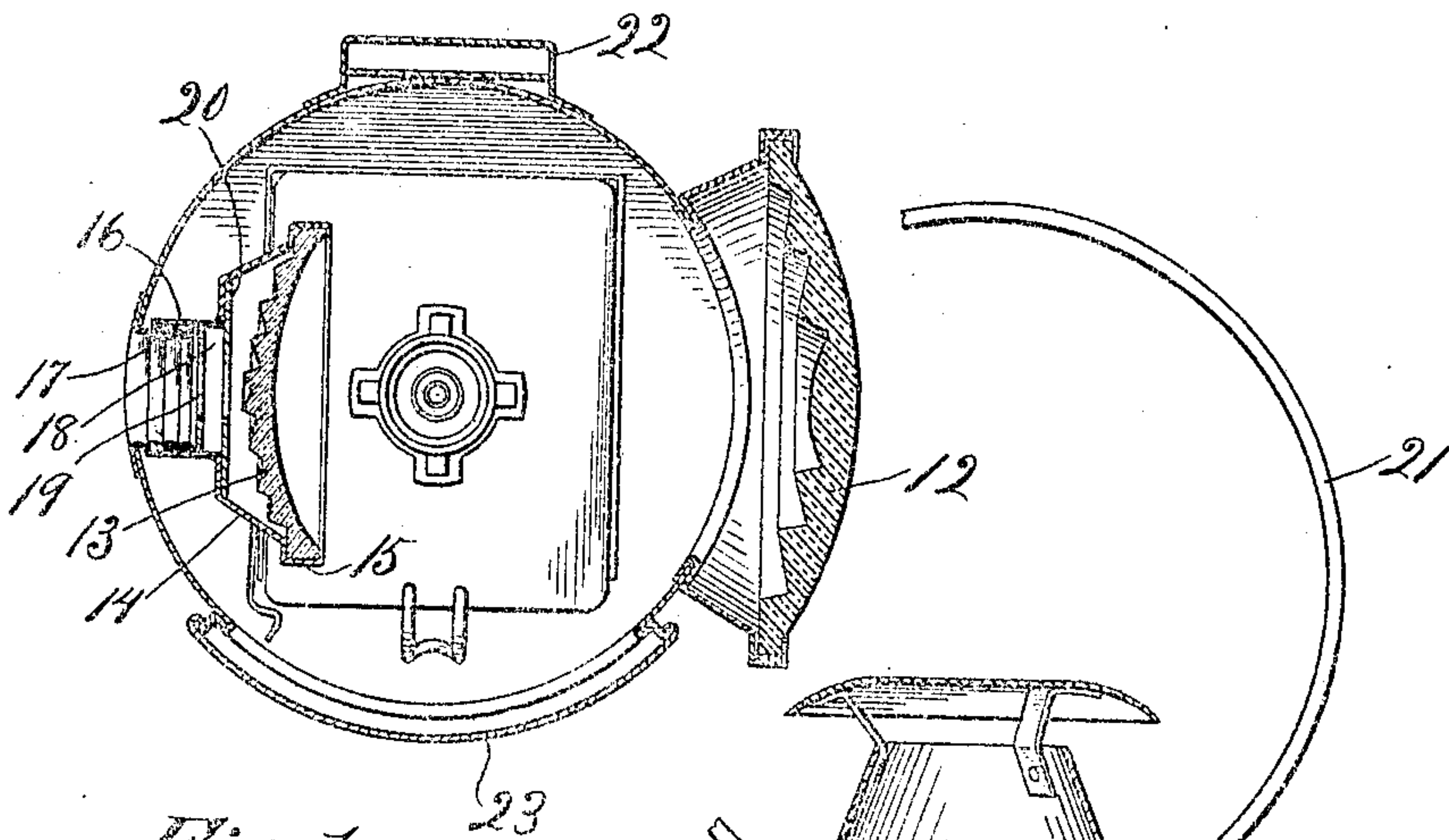


Fig. 1.

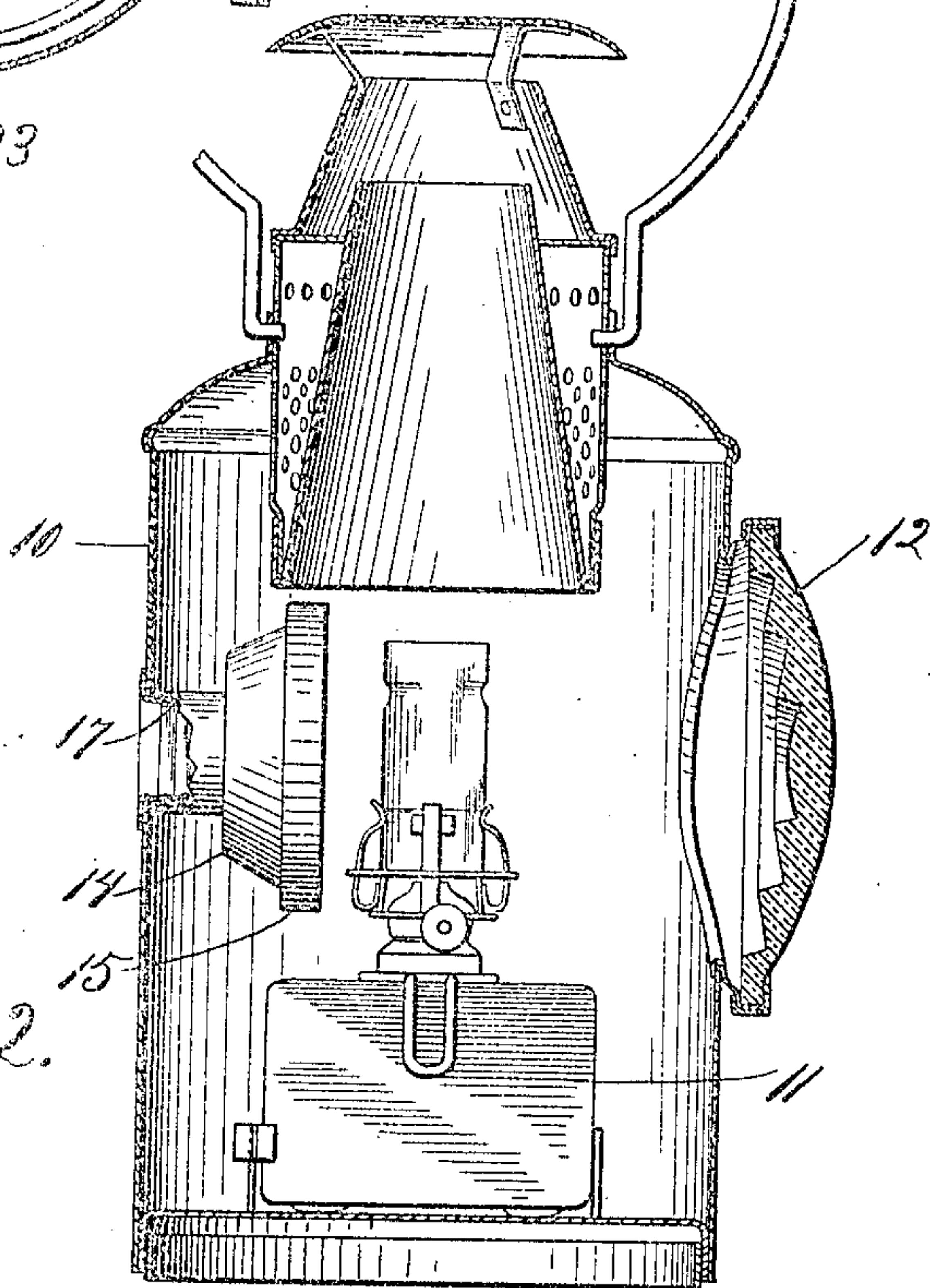


Fig. 2.

Witnesses:
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Inventor:
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 By Louis A. Nelson Atty.

UNITED STATES PATENT OFFICE.

WILLIAM S. HAMM, OF HUBBARD WOODS, ILLINOIS.

LANTERN.

No. 920,053.

Specification of Letters Patent.

Patented April 27, 1909.

Original application filed December 29, 1906, Serial No. 350,022. Divided and this application filed September 3, 1907. Serial No. 391,165.

To all whom it may concern:

Be it known that I, WILLIAM S. HAMM, a citizen of the United States, and resident of Hubbard Woods, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Lanterns, of which the following is a specification, and which are illustrated in the accompanying drawings, forming a part thereof.

10 This application is a division of my application filed December 29th, 1906, Serial No. 350,022.

15 It has been proposed to use in lanterns, particularly such as are employed for signaling purposes on railways, a glass reflector.

The object of this invention is to provide a suitable holder for supporting such a reflector within the lantern; and it consists, broadly, in a channeled seat for the rim of the reflector, and a stem supporting this seat, such stem being attached to the body of the lantern.

The invention is illustrated in the accompanying drawings, in which—

25 Figure 1 is a plan section of a lantern taken through the horizontal diameter of the reflector and the lens; and Fig. 2 is a vertical central section of the lantern, the major portion of the reflector holder being shown in side elevation.

30 The body of the lantern is represented at 10, its fount 11, and its light-emitting lens at 12.

35 The reflector 13 shown in the drawings is circular in form, and is of glass, and is mounted upon the axial line of the lens 12, in an annular frame 14, having a peripheral channeled seat 15 within which the reflector

is seated. The frame 14 has a backwardly projecting socketed stem 16, threaded to engage a complementary boss 17, secured to the rear wall of the lantern body. The boss 17 is tubular for the purpose of exposing a small portion of the rear face of the reflector 13 to view, in order that the user of the lantern, when not so positioned that he can see the lens 12, may still be advised that the lantern is lighted. For the purpose of strengthening the frame 14, its threaded portion may take the form of a thimble 18, seated within the stem 16 and having its end apertured, as shown at 19. The frame 14 may be still further strengthened by locating within its body and back of the lens 13, a plate 20, which will also be centrally apertured for the purpose above mentioned.

The lantern may be provided with a bail 21, by means of which it may be carried by hand, and with a loop 22 for engaging a suitable supporting bracket.

Access is gained to the interior of the lantern through the usual door 23, shown in the present instance in the form of a slide.

I claim as my invention—

In combination, a lantern body having an instanding tubular boss, a glass reflector, and a reflector holder mounted upon the boss and having a light-emitting aperture in register with the bore thereof.

WILLIAM S. HAMM.

Witnesses:

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