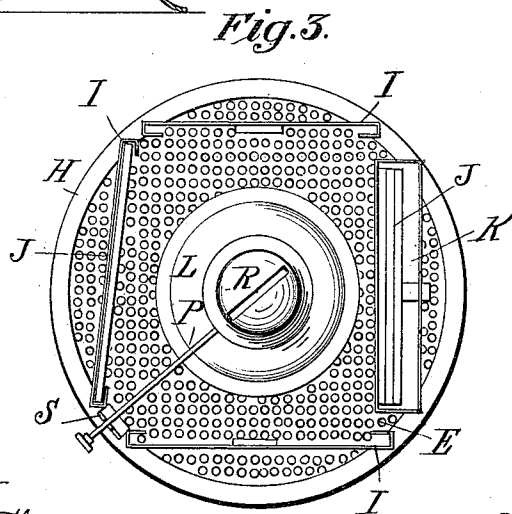
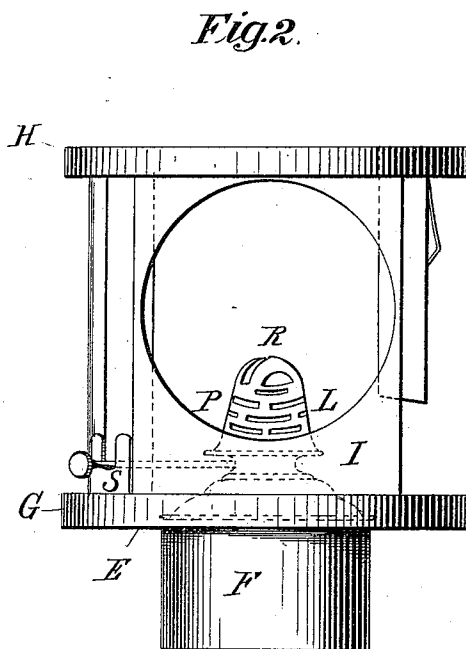
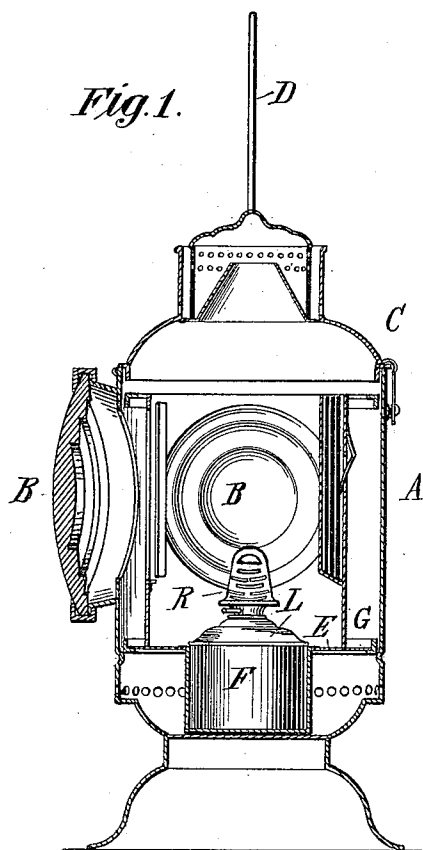


(No Model.)

L. G. HUNTINGTON & R. J. ARMOUR.
SIGNAL LAMP OR LANTERN.

No. 463,402.

Patented Nov. 17, 1891.



WITNESSES:

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UNITED STATES PATENT OFFICE.

LAWSON G. HUNTINGTON, OF NEW YORK, N. Y., AND ROBERT J. ARMOUR,
OF NEWARK, NEW JERSEY.

SIGNAL LAMP OR LANTERN.

SPECIFICATION forming part of Letters Patent No. 463,402, dated November 17, 1891.

Application filed February 20, 1891. Serial No. 382,262. (No model.)

To all whom it may concern:

Be it known that we, LAWSON G. HUNTINGTON, a citizen of the United States, residing in the city, county, and State of New York, and
5 ROBERT J. ARMOUR, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Signal Lamps or Lanterns, of which the following is
10 a specification.

Our invention relates especially to the construction and arrangement of that class of lamps or lanterns wherein the body is provided with lenses and means for changing
15 the color of the light displayed, and has for its object the provision of a removable perforated plate, oil-pot, and frame which holds the various-colored glasses while in use and when not in use.

20 To attain the desired end our invention consists, essentially, in a lamp-body bearing lenses and wherein is located a removable frame provided with pockets for the glasses and a receptacle for the spare glasses, a removable perforated plate beneath said frame,
25 and a removable oil-pot seated in said plate; and our invention involves certain other novel and useful combinations or arrangements of parts and peculiarities of construction and
30 operation, all of which will be hereinafter first fully described, and then pointed out in the claims.

In the drawings, Figure 1 is a vertical central sectional view of a lamp, showing the
35 various parts in position. Fig. 2 is a view in elevation of the glass-supporting frame, perforated plate, and oil-pot removed from the lamp-body, on an enlarged scale; and Fig. 3 is a plan view of the parts shown in
40 Fig. 2.

Like letters of reference wherever they occur indicate corresponding parts in all the figures.

A is the lamp-body, bearing lenses B.

45 C is a hinged or removable top to the lamp-body, and D is the carrying-bail.

E is the perforated plate, provided with a

central opening which is surrounded by a cup or ring F.

G is a ring which rests upon or is secured
50 to the perforated plate E, and H is a similar ring supported by the metal of the receptacles I for the glasses J, arranged to hold said glasses between the lenses and the light of
the lamp, and by the pocket K, which
55 receives the spare glasses. The removable oil-pot L finds a seat in the center of the perforated plate, and the ratchet-shaft P of the
burner R passes through an opening between
60 two of the glass-receptacles and is supported by a notched plate S.

When constructed and arranged in accordance with the foregoing description, the advantages of our invention are manifold. The frame, glasses, perforated plate, and oil-
65 pot may all be removed from the lamp-body for the purpose of cleaning, and the perforated plate can be readily cleaned upon both sides.

Having now fully described our invention, 70 what we claim as new therein, and desire to secure by Letters Patent, is—

1. The combination, with a lamp-body bearing lenses, of a separable frame located within the lamp-body and provided with receptacles for different-colored glasses, substantially
75 as shown and described.

2. In a lamp of the character herein specified, a separable frame located within the lamp-body and provided with receptacles for
80 holding glasses between the lenses and the light, and a receptacle for spare glasses, substantially as shown and described.

3. The combination, with the removable perforated plate having an opening in its
85 center for the reception of the oil-pot, of a removable frame provided with supports for glasses, substantially as shown and described.

4. The combination, with the body bearing lenses, of a separable frame located within the
90 lamp-body and provided with receptacles for glasses, and a perforated plate by which said frame is supported, said plate being in turn supported by a ring or cup which forms the

seat for the oil-pot, substantially as shown and described.

5 5. A signal-lamp, in which is comprised an open-topped body bearing lenses at its sides, a separable glass-supporting frame and perforated plate located within the body of the lamp, and a separable oil - pot also located within the lamp-body, the whole combined

and arranged substantially as shown and described.

LAWSON G. HUNTINGTON.
ROBERT J. ARMOUR.

Witnesses:

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EDWARD C. ROWLAND.