

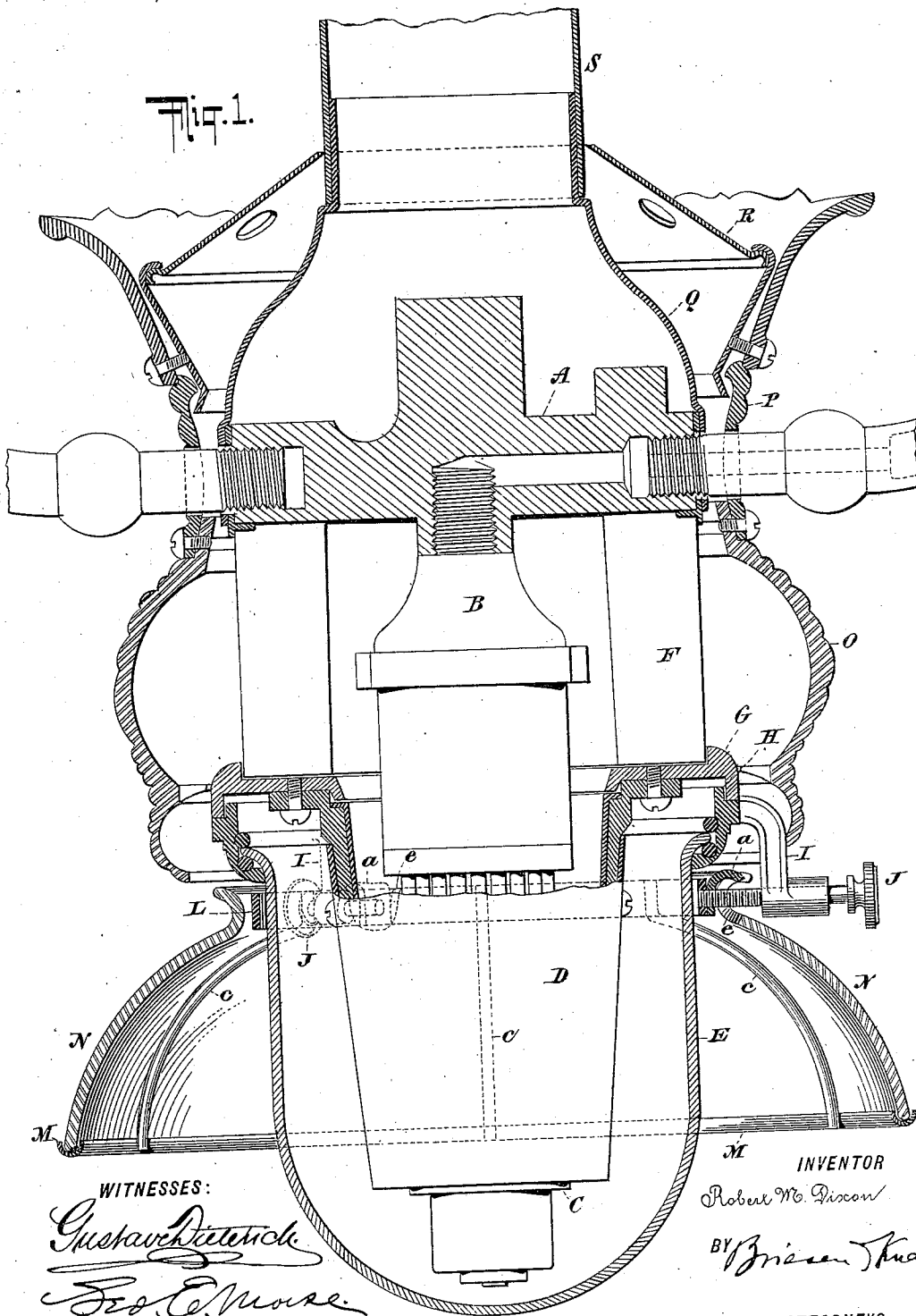
(No Model.)

2 Sheets—Sheet 1.

R. M. DIXON.
LAMP.

No. 575,056.

Patented Jan. 12, 1897.



(No Model.)

2 Sheets—Sheet 2.

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Fig. 2.

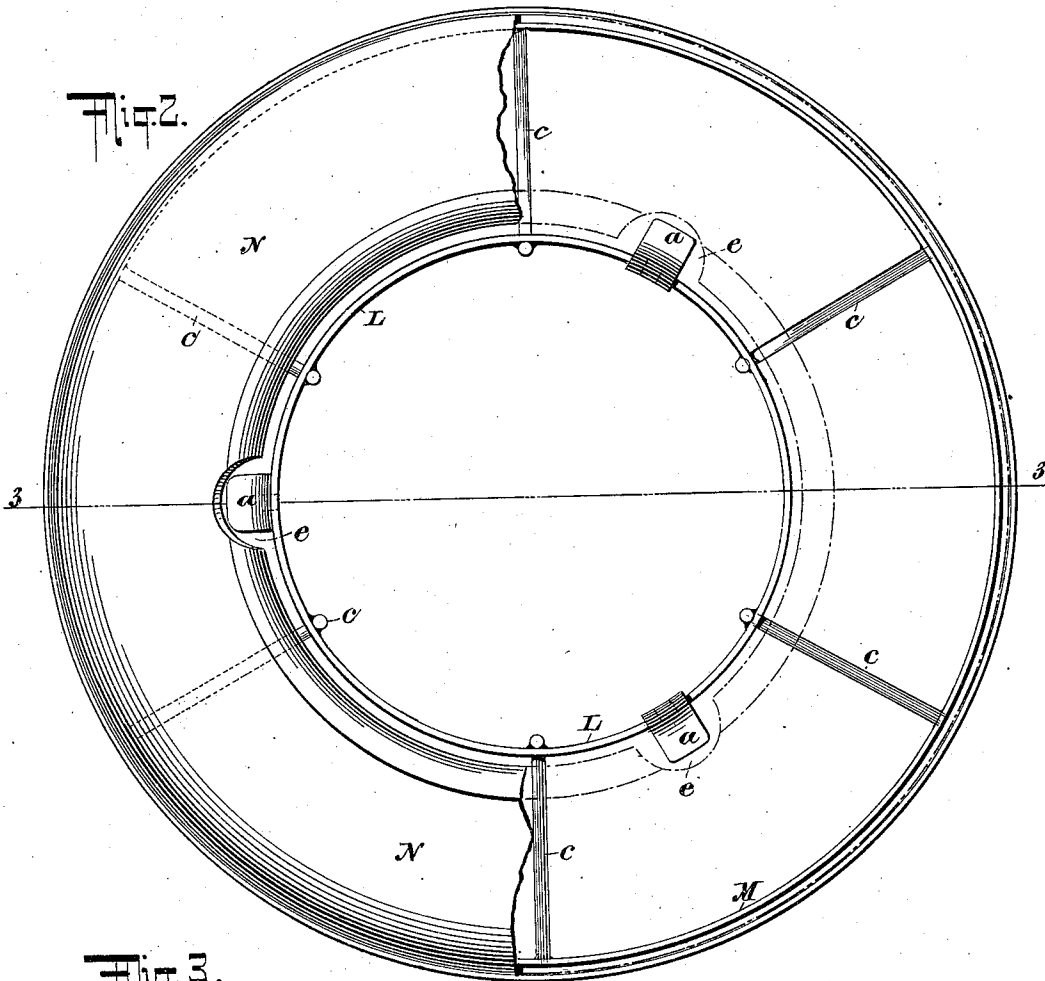
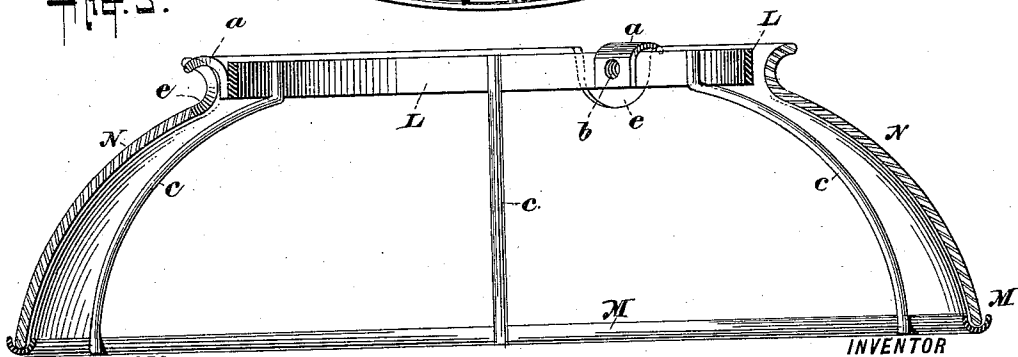


Fig. 3.



WITNESSES:

Gustave Wittenich
Edw. E. Moore

Robert M. Dixon

BY *Briesen Knauff*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

ROBERT MUNN DIXON, OF EAST ORANGE, NEW JERSEY, ASSIGNOR TO THE SAFETY CAR HEATING AND LIGHTING COMPANY, OF NEW YORK, N. Y.

LAMP.

SPECIFICATION forming part of Letters Patent No. 575,056, dated January 12, 1897.

Application filed March 20, 1896. Serial No. 584,027. (No model.)

To all whom it may concern:

Be it known that I, ROBERT MUNN DIXON, a resident of East Orange, Essex county, State of New Jersey, have invented certain new and useful Improvements in Lamps, of which the following is a specification.

My invention relates to lamps, more particularly to that class of lamps known as "car-lamps;" and it consists in the herein-described construction and arrangement of parts.

My invention will be understood by referring to the accompanying drawings, in which—

Figure 1 is a vertical section of a lamp embodying my invention. Fig. 2 is a broken-away plan view of the shade of the lamp, and Fig. 3 is a vertical section on line 3 3 of Fig. 2.

In the drawings, A is the main casting of the lamp, from which an expansion-chamber B depends, which terminates in a burner C, surrounded by a casing D, which is contained within a globe E. Depending from the casting A is a chimney-gallery F, from which depends a two-part ring G H. The chimney-gallery F likewise supports the casing D of the burner. Carried by the lower member H of the two-part ring are brackets I, only one of which is shown in full lines, through which supporting-screws J pass. These supporting-screws engage and support a shade-support. (Shown clearly in Figs. 2 and 3.) This shade-support comprises an annular member L, comprising a strip from which ears a project outwardly. One or more of these ears is tapped, as at b, for the passage of the supporting-screw J, and projecting outside the circumference of the annulus L will catch upon the screw, should the said screw work out of the hole in the said ear, and prevent the shade-support, with the shade, from falling. Arms c depend from the annulus L and are secured to an annulus M, which presents a concavely-curved cross-section. N is the shade, which is apertured at e for the passage of the ears a and the screws, and rests with its edge in the concavely-curved annulus M. Surrounding the chimney-gallery F is a casing O, which is supported from a casing P, which in turn supports the hood R. Coöperating with the hood

R is a hood Q and a chimney S, which are supported from the main casting A.

It will be observed that by my invention I am enabled to provide a lamp wherein the shade may be readily detached from the lamp, and when it is desired to ignite the lamp the lower member of the ring may be disconnected from the upper member, together with the globe and shade carried by said lower member, and swung to one side out of the way of the burner.

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

1. In a lamp, the combination with a suitable support, of a shade-holder comprising annular members L M, arms c connecting the annuli, a shade N apertured at e and resting in the annulus M, and means projected through the apertures in the shade for connecting and disconnecting the shade-holder together with the shade supported thereon from the support.

2. In a lamp, the combination of a two-part globe-supporting ring, a bracket I projecting from the lower member of said two-part ring, a shade-holder comprising an annulus L, an annulus M and arms c connecting the annuli, said shade-holder having means coöperating therewith and with the brackets I to support the shade upon the lower member, whether the lower member be connected or disconnected from the other member of the two-part ring.

3. As a new and useful article of manufacture, the herein-described shade-holder comprising an annulus L, an annulus M of larger diameter than the annulus L, bowed arms c connecting the annuli, and perforated ears carried upon the annulus L, substantially as described and for the purposes set forth.

4. The combination with a shade of a holder comprising an annulus M, an annulus L, arms connecting the annuli, and perforated ears carried by the annulus L and projecting beyond the circumference of the said annulus L.

5. As a new and useful article of manufacture, the herein-described shade-holder comprising an annulus L, an annulus M of larger diameter than the annulus L, bowed arms c

connecting the annuli, and perforated ears
carried upon the annulus L and projecting
beyond the annulus L, together with a screw
or screws J for engagement with the ears, sub-
stantially as described and for the purposes
5 set forth.

The foregoing specification of my improve-

ments in lamps signed by me this 14th day
of March, 1896.

ROBERT MUNN DIXON.

Witnesses:

GEO. E. MORSE,

MAURICE BLOCK.