

(No Model.)

J. PHILIPPI.
LAMP EXTINGUISHER.

No. 340,457.

Patented Apr. 20, 1886.

Fig. 1.

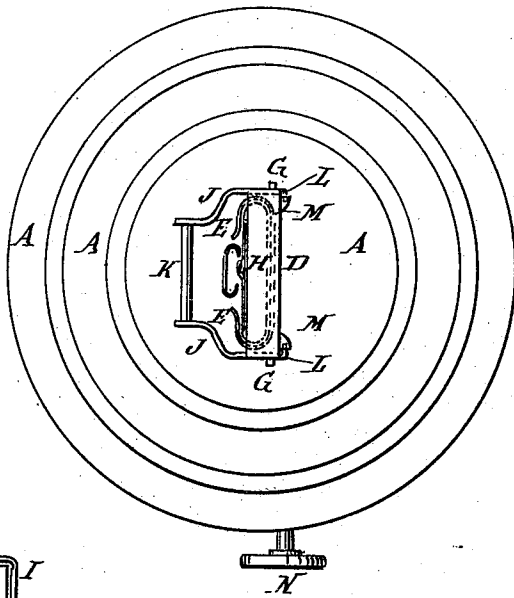


Fig. 3.

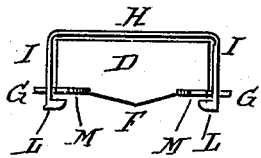


Fig. 4.

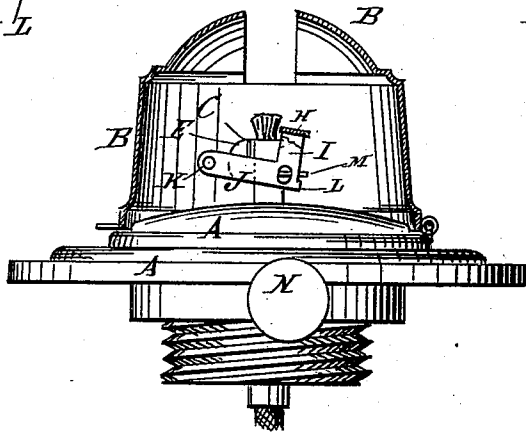
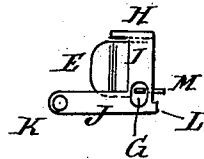


Fig. 2.

WITNESSES:

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JACOB PHILIPPI, OF NEW YORK, N. Y., ASSIGNOR TO CHARLES M. LAM-
LINE, KAUFMANN KAUFMANN, AND ISAIAH KAUFMANN, ALL OF SAME
PLACE.

LAMP-EXTINGUISHER.

SPECIFICATION forming part of Letters Patent No. 340,457, dated April 20, 1886.

Application filed September 29, 1885. Serial No. 178,544. (No model.)

To all whom it may concern:

Be it known that I, JACOB PHILIPPI, of the city, county, and State of New York, have invented a new and useful Improvement in Extinguishers for Lamps, of which the follow-
5 ing is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate
10 corresponding parts in all the figures.

Figure 1 is a plan view of one of my improved extinguishers for lamps, shown as applied to a lamp-burner, the cone being removed. Fig. 2 is a side elevation of the same,
15 and showing the cone in sectional elevation. Fig. 3 is a rear elevation of the extinguisher detached. Fig. 4 is a side elevation of the same.

The object of this invention is to improve the construction of the extinguishers for lamps for which Letters Patent No. 309,398 were issued December 16, 1884, in such a manner as to make them more convenient in use and
20 more reliable in operation.

The invention consists in the construction and combination of various parts of the extinguisher, as will be hereinafter fully described, and then pointed out in the claim.

A represents a lamp-burner, of which B is the cone and C is the wick-tube.
30

D is a plate, the ends of which are bent forward to form clasps E, which pass around the side edges of the wick-tube C, so as to secure the said plate to the said wick-tube. The
35 plate D is made with an angular projection, F, on its lower edge, as shown in Fig. 3, to facilitate the placing of the said plate upon the wick-tube.

Upon the lower corners of the body of the plate D are formed pivot-points G, which pass
40 through holes in the downwardly-projecting arms I of the plate H, so as to hinge the said plate H to the said plate D.

Upon the lower ends of the downwardly-projecting arms I are formed arms J, which
45 project forward and are bent inward and then forward, and to their ends is attached a weight, K, of sufficient gravity to swing the plate H over the upper end of the wick-tube C, when
50 the said plate is left free.

Upon the rear corners of the lower ends of the arms I are formed points L, which project inward beneath outwardly-projecting lugs M, formed upon the lower corners of the plate D. The pivot-holes in the arms I are elongated vertically, as shown in Figs. 2 and 4.
55 With this construction, when the plate H is over the upper end of the wick-tube C, as shown in Fig. 1, and the wick is raised by turning the button N, the first effect is to raise
60 the plate H vertically until the points L come in contact with the lugs M, which stops the upward movement of the said plate H, and causes the continued upward movement of the wick to swing the said plate H to the rear-
65 ward, uncovering the upper end of the wick-tube, and allowing the wick to pass the edge of the plate H, as shown in Fig. 2, the arms I being made of such a length that when the plate H is pushed back its forward edge will
70 be upon the edge of the rear side of the wick-tube C, so that the flame, when the wick is lighted, will not be affected by the said plate H. When the wick is turned down, the gravity of the weight K will swing the plate H for-
75 ward over the upper end of the wick-tube C, and the flame will be instantly extinguished.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—
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In an extinguisher for lamps, the combination, with the supporting-plate D and the loosely journaled or mounted plate H, having downwardly and forwardly projecting arms I J, and provided with a weight, K, of the
85 points L, formed upon the downwardly-projecting arms of the loosely journaled or mounted plate H, and the lugs M, formed upon the lower edge of the supporting-plate D, substantially as herein shown and described,
90 whereby the said hinged plate, when raised, by the upward movement of the wick will be swung to the rearward, as set forth.

JACOB PHILIPPI.

Witnesses:

JAMES T. GRAHAM,
C. SEDGWICK.