

G. CHASE.
LAMP-BURNER.

No. 183,903.

Patented Oct. 31, 1876.

Fig. 1

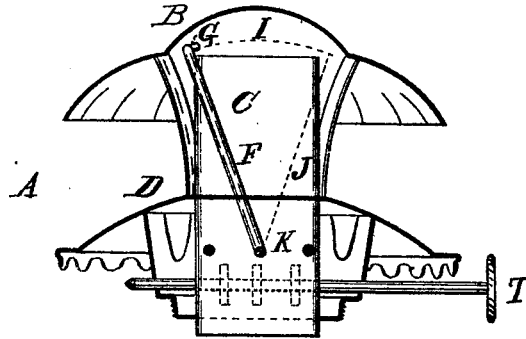
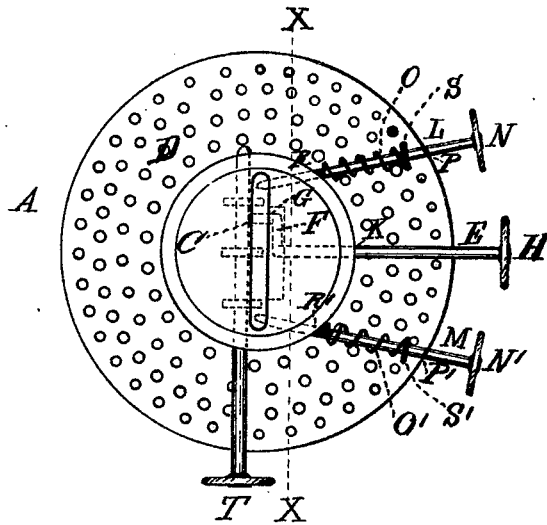


Fig. 2



Witnesses.

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UNITED STATES PATENT OFFICE.

GEORGE CHASE, OF BUFFALO, ASSIGNOR OF ONE-HALF HIS RIGHT TO
EMORY CUMMINGS, OF NEW YORK, N. Y.

IMPROVEMENT IN LAMP-BURNERS.

Specification forming part of Letters Patent No. **153,903**, dated October 31, 1876; application filed
September 9, 1876.

To all whom it may concern:

Be it known that I, GEORGE CHASE, of the city of Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Lamp-Burners, which improvements are fully set forth in the following specification, reference being had to the accompanying drawings.

This invention relates to certain improvements in burners for petroleum or other oils; and it consists in combining with the burner and wick-tube one or more rods or wires, provided with a thumb-piece, and a spring for forcing their ends out and away from an opening in the wick-tube made to receive them, their object being to provide the means for regulating the wick, so as to make it even on both sides, as will be more clearly hereinafter described.

In said drawings, Figure 1 represents a vertical section through line X X, Fig. 2; and Fig. 2 is a bottom view of the burner, showing my improvements connected therewith.

A represents the burner; B, the top of the same, over which the chimney is placed. C is the wick-tube, which is made and attached to the base D in the usual manner. E is the arm or lever for trimming the wick. It passes along under the base of the burner and through it to the wick-tube, and is bent so as to pass up alongside of the tube, as shown at F in Fig. 1, and by dotted lines and the same letter in Fig. 2. G represents the bend at the top, so as to project over the top of the wick-

tube. H is a thumb-piece, for turning it from one side of the tube to the other, as shown by the dotted lines I J, by which operation the wick is trimmed in the form of the curve I, the arm or lever being arranged so as to be held in place securely, and vibrate on the center at K. L M represent the rods for adjusting the height of either side of the wick. They are represented in the position they would be if pressed upon by the fingers at N N', thereby showing their points within the wick-tube, from which they are forced by the springs O O', when pressure is withdrawn from N N'. They pass through a hole at P P' and R R', and are prevented from being drawn entirely out by the stops S S'.

It is obvious that if one side of the wick is too low, the high side may be held by pressing upon the pin or rod on that side, and that the low side may then be raised by turning the wick-lifter T, which is made in any well-known form for operating a lamp-wick.

By this means the lamp-wick may be trimmed or otherwise regulated without the necessity of taking off the chimney.

I claim as my invention—

The combination of the wick-regulator T, wick-tube C, and one or more wick-adjusters, L or M, substantially as and for the purposes described.

GEORGE CHASE.

Witnesses:

F. P. STIKER,
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