E. STONE.

LAMP-TRIMMER.

No. 193,053. Patented July 10, 1877.

Fig. 1.

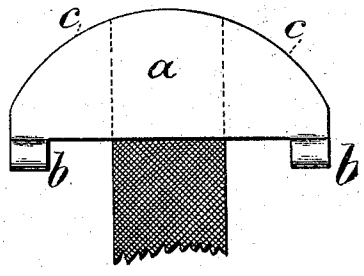


Fig. 3.

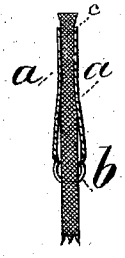
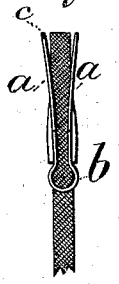


Fig. 2.



Witnesses

Chas. N. Smith

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Inventor.

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per Lemuel W. Serrell

atty

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UNITED STATES PATENT OFFICE.

EATON STONE, OF FRANKLIN, NEW JERSEY.

IMPROVEMENT IN LAMP-TRIMMERS.

Specification forming part of Letters Patent No. **193,053**, dated July 10, 1877; application filed December 11, 1876.

To all whom it may concern:

Be it known that I, EATON STONE, of Franklin, in the county of Essex and State of New Jersey, have invented an Improvement in Lamp-Trimmers, of which the following is a specification:

Difficulty arises in trimming the wick of a lamp with perfect regularity, and unless it is trimmed accurately the flame is liable to smoke, and its size and brilliancy are necessarily restricted to prevent smoking.

My improvement consists in a lamp-trimmer made of two spring-plates, the edges of which correspond to the curved line in which it is desired to trim the edge of the wick, so that this trimmer can be used to grasp the wick and hold the same while the carbonaceous crust is removed by a match or other suitable article passed over the edge of said trimmer.

In the drawing, Figure 1 is a side view of the trimmer. Fig. 2 is an edge view, and Fig. 3 is a vertical section, of the same.

The trimmer is made of the plates *a a*, with spring-connections *b* between them. These springs are, by preference, of the same sheet metal as the plates *a*, and the edges of the plates *a* are curved more or less at *c*, according to the shape required for the top of the wick, and the plates *a a* stand sufficiently apart to allow them to be passed at each side of the wick and pressed together to grasp and hold the wick. This is done by one hand, while the operator, by the other hand, removes the carbonaceous crust from the wick to the shape of the upper edges of the trimmer. A piece of wood, a cloth, or a scraper may be used to remove the crust, and I remark that the wick should be turned up high enough to allow of the trimmer being easily applied.

The wick is left in a smooth, uniform, and even condition, that insures a proper shape for the flame.

I claim as my invention—

The lamp-trimmer made of the contiguous plates *a*, connected by the springs *b*, and having the curved edges *c*, as and for the purposes set forth.

Signed by me this 6th day of December, 1876.

EATON STONE.

Witnesses:

GEO. T. PINCKNEY,

CHAS. H. SMITH.