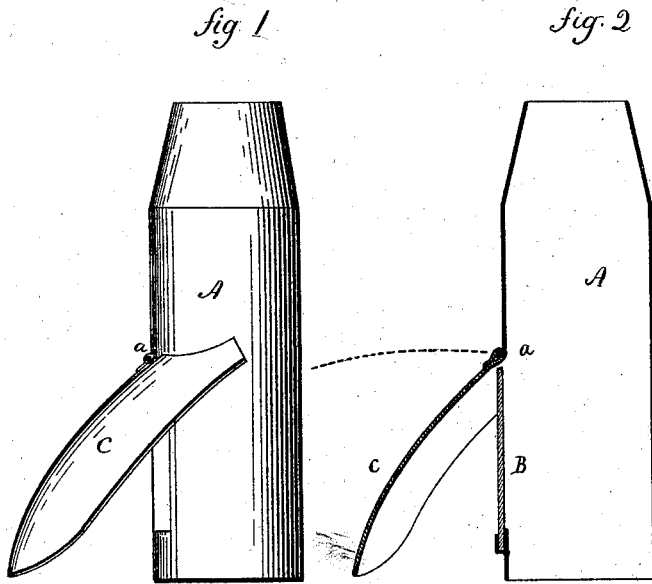


W. H. MASON.
LAMP-CHIMNEY.

No. 189,945.

Patented April 24, 1877.



Witnesses.

J. H. Shumway
Clara Broughton

Wm. H. Mason
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By *Atty.*
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UNITED STATES PATENT OFFICE.

WILLIAM H. MASON, OF PLANTSVILLE, CONNECTICUT.

IMPROVEMENT IN LAMP-CHIMNEYS.

Specification forming part of Letters Patent No. **189,945**, dated April 24, 1877; application filed March 9, 1877.

To all whom it may concern:

Be it known that I, WILLIAM H. MASON, of Plantsville, in the county of Hartford and State of Connecticut, have invented a new Improvement in Lamp-Chimneys; and I do hereby declare the following, when taken in connection with the accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1 a side view, and in Fig. 2 a vertical section.

This invention relates to an improvement in lamp-chimneys, and consists in an opaque chimney with an opening for the transmission of light, combined with a hinged or adjustable reflecting shade, as more fully hereinafter described.

A is the lamp-chimney, made from any suitable metal, as tin, and of any desirable form, according to the burner to which it is to be attached. In one side an opening, B, is made, filled with mica or other suitable transparent material, through which the light will freely pass. Above this opening B a concave-shaped reflector, C, is hinged, as at *a*, the concave side being toward the opening B, and presenting thereto a bright or reflecting surface.

The light striking the under surface of this shade is reflected downward, and at the same time the reflector serves as a shade to prevent the light from striking the eye.

The bright surface of the interior of the chimney also serves as a reflector to concentrate the light upon the opening B.

This construction of chimney is specially adapted to study, and classes of work where the light is desired to be concentrated, and without materially lighting the surrounding space, and at the same time present a perfect shade for the eyes.

It will be understood that while this is termed a lamp-chimney, it is applicable alike to gas and other burners.

I am aware that a metallic case for dark lanterns has been made with a door hinged in a similar manner to the shade in this case; but such construction I do not, broadly, claim.

I claim—

The herein-described lamp-chimney, consisting of the metal body A, with a transparently closed opening, B, and shade C, all substantially as described.

WILLIAM H. MASON.

Witnesses:

E. R. NEWELL,
A. M. LEWIS.