

E. HONERJAEGER.
LAMP-CHIMNEY.

No. 179,310.

Patented June 27, 1876.

Fig. 1

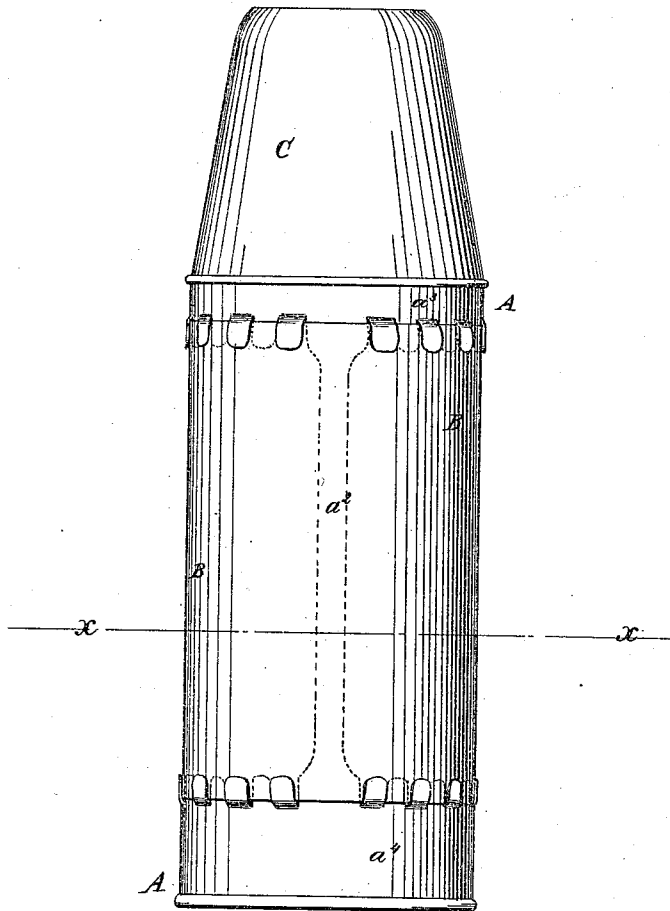
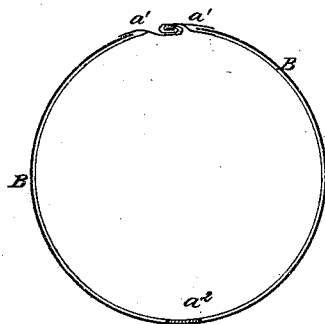


Fig. 2



WITNESSES:

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EMIL HONERJAEGER, OF WATERTOWN, WISCONSIN.

IMPROVEMENT IN LAMP-CHIMNEYS.

Specification forming part of Letters Patent No. **179,310**, dated June 27, 1876; application filed June 6, 1876.

To all whom it may concern:

Be it known that I, EMIL HONERJAEGER, of Watertown, in the county of Jefferson and State of Wisconsin, have invented a new and useful Improvement in Mica Lamp Chimney, of which the following is a specification:

Figure 1 is a side view of my improved lamp-chimney. Fig. 2 is a cross-section of the same, taken through the line *xx*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved lamp-chimney that will not break with changes of temperature, a draft of air, or a drop of water, and which may be readily cleaned.

The invention consists in an improved lamp-chimney formed of the brass frame, having the inner edges of its top, bottom, and side strips scalloped, the sheet of mica, and the metal top piece, constructed and combined as hereinafter fully described.

A is a frame, formed of a piece of light sheet-brass, the middle parts of which are cut out, leaving strips *a*¹ along its side edges, a strip, *a*², in its middle part, a strip, *a*³, along its top edge, and a wider strip, *a*⁴, along its bottom edge. Along the inner edges of the top and bottom strips *a*³ *a*⁴ are formed small scallops, which are bent out and in alternately, to form grooves to receive the top and bottom edges of a rectangular sheet, B, of mica. The

inner edges of the side strips *a*¹ have wider scallops formed in them, which are bent out and in to form grooves to receive the side edges of the sheet B of mica. The outer edges of the side strips *a*¹ are seamed together, as shown in Fig. 2.

To the outer edge of the top strip *a*³ is seamed a piece, C, of sheet-brass, cut into such a shape that when its lower edge is seamed to the strip *a*³, and its side edges are seamed together, it may have the form of a truncated cone.

With this construction the sheet B of mica will be held securely in place, and may be readily cleaned, and should the mica become injured it may be readily removed and replaced with a new sheet by bending out the outer scallops of the brass frame A.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

An improved lamp-chimney, formed of the brass frame A, having the inner edges of its top, bottom, and side strips scalloped, the sheet B of mica, and the top piece C, constructed and combined substantially as herein shown and described.

EMIL HONERJAEGER.

Witnesses:

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