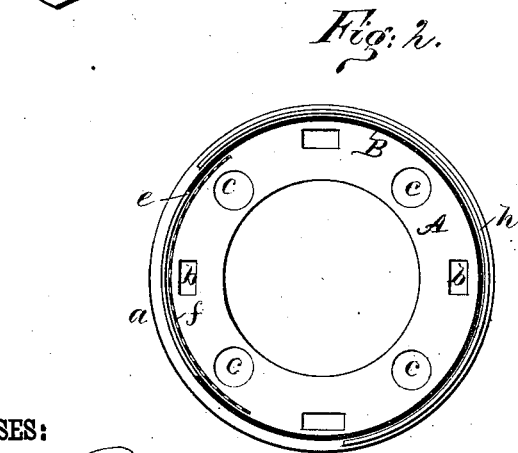
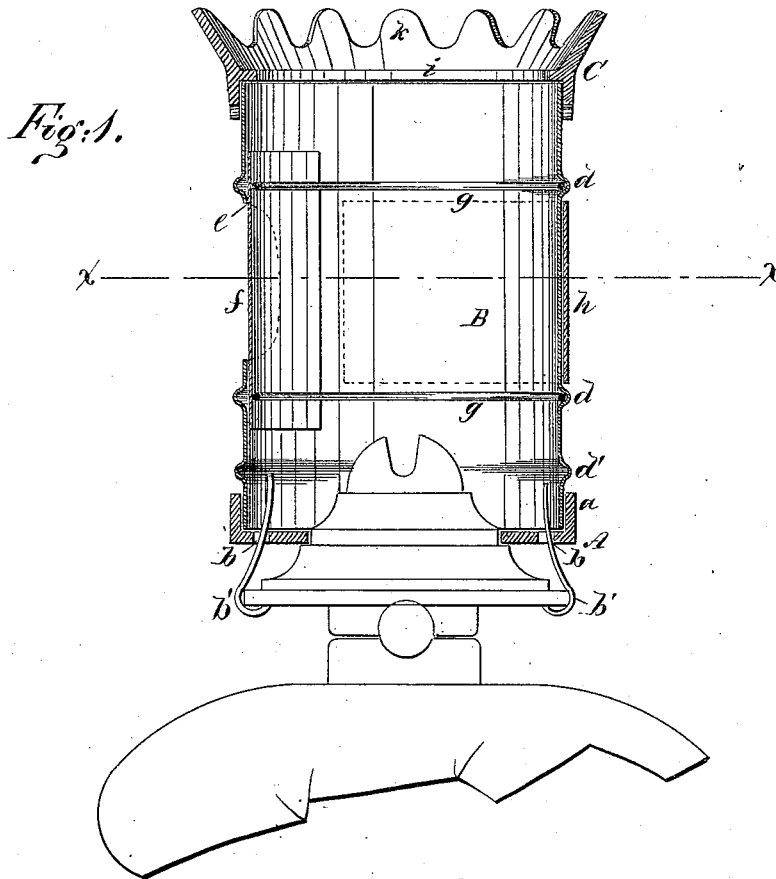


C. I. PAYNE.
HEATING ATTACHMENTS FOR LAMPS.

No. 194,840.

Patented Sept. 4, 1877.



WITNESSES:

Chas. Nida
J. H. Scarborough

INVENTOR:

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

CHARLES I. PAYNE, OF BINGHAMTON, NEW YORK, ASSIGNOR TO HIMSELF
AND JOHN W. BURNETT, OF SAME PLACE.

IMPROVEMENT IN HEATING ATTACHMENTS FOR LAMPS.

Specification forming part of Letters Patent No. **194,840**, dated September 4, 1877; application filed
July 30, 1877.

To all whom it may concern:

Be it known that I, CHARLES I. PAYNE, of Binghamton, in the county of Broome and State of New York, have invented a new and Improved Heating Attachment for Lamps, of which the following is a specification:

Figure 1 is a central vertical section. Fig. 2 is a transverse section on line *x x* in Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention consists of a sheet-metal chimney having a cast-iron base and top piece, and provided with a mica window and a slide for covering the same.

In the drawings, A is a cast-iron base-piece, which is provided with an upwardly-projecting flange, *a*, for receiving the sheet-metal portion B, and is apertured centrally to receive the lamp-burner, and is also provided with apertures *b* for receiving the springs *b'* of the burner, that are usually employed for holding the glass chimney. In addition to these apertures draft-holes *c* are made for admitting air to the flame.

The sheet-metal portion B is beaded externally at *d d* and *d'*, and between the beads an opening, *e*, is made. A piece of mica, *f*, is placed on the inner surface of the part B, over the opening, and is held in place by wire rings *g* that are sprung into the beads *d*.

On the outer surface of the part B, between the beads *d*, a sheet-metal cover, *h*, for the opening *e* is placed. This cover is capable of sliding around upon the part B, so as to cover or uncover the said opening.

C is a cast-iron top, fitted to the part B, and having the internal flange *i* and flaring notched rim *k*. The vessel to be heated is set upon the notched rim *k*, and the smoke escapes through its notches.

By removing the base-piece A the part B may be placed on a larger burner, the springs of which slip over the bead *d'* and hold the metallic portion B securely in its place on the burner.

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

A heating attachment for lamps, consisting of the apertured base-piece A, the beaded sheet-metal portion B, having the opening *e*, mica window *f*, and rings *g*, the sliding cover *h*, and the flaring notched top piece C, substantially as shown and described.

CHARLES I. PAYNE.

Witnesses:

C. SEDGWICK,
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