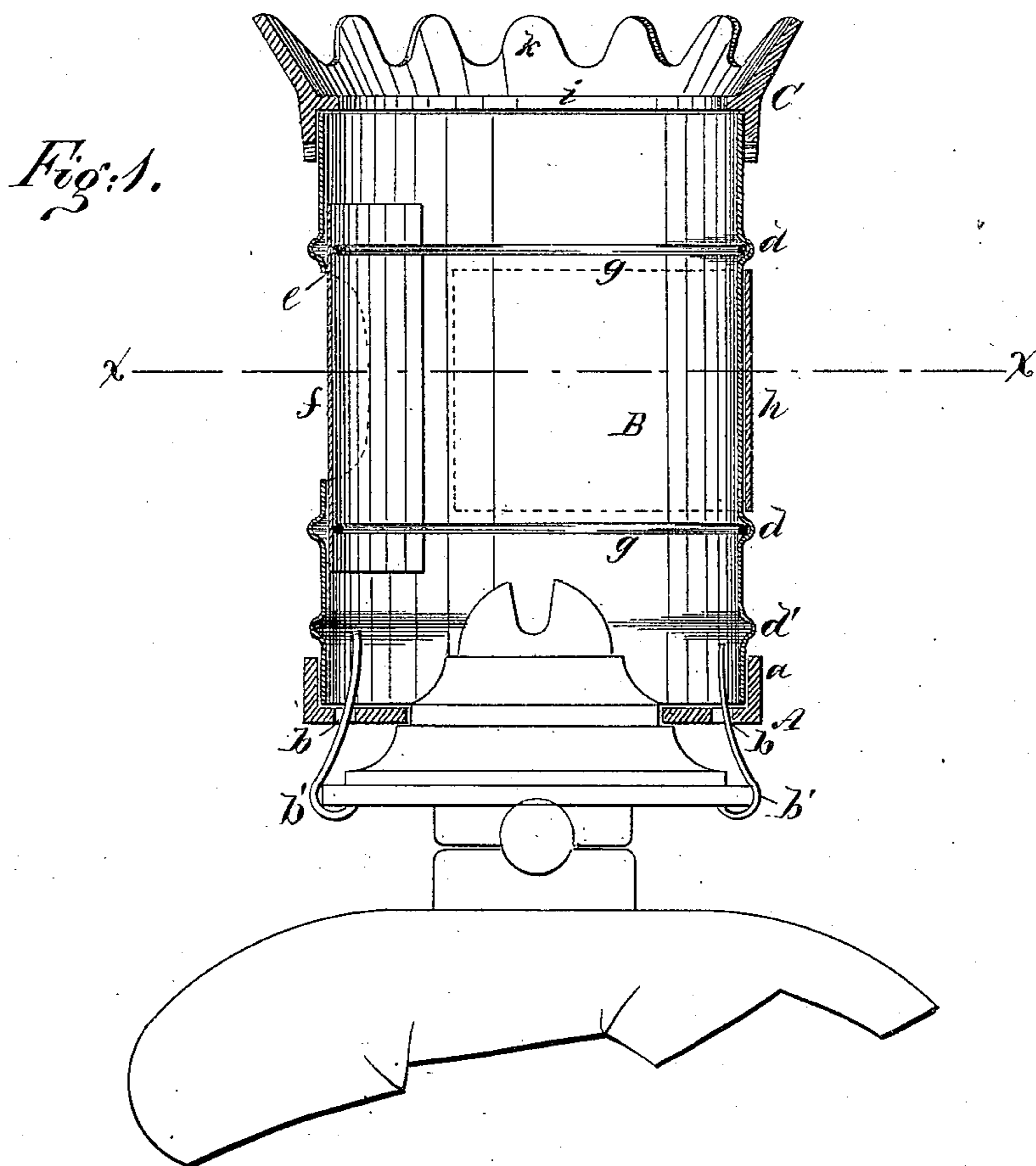
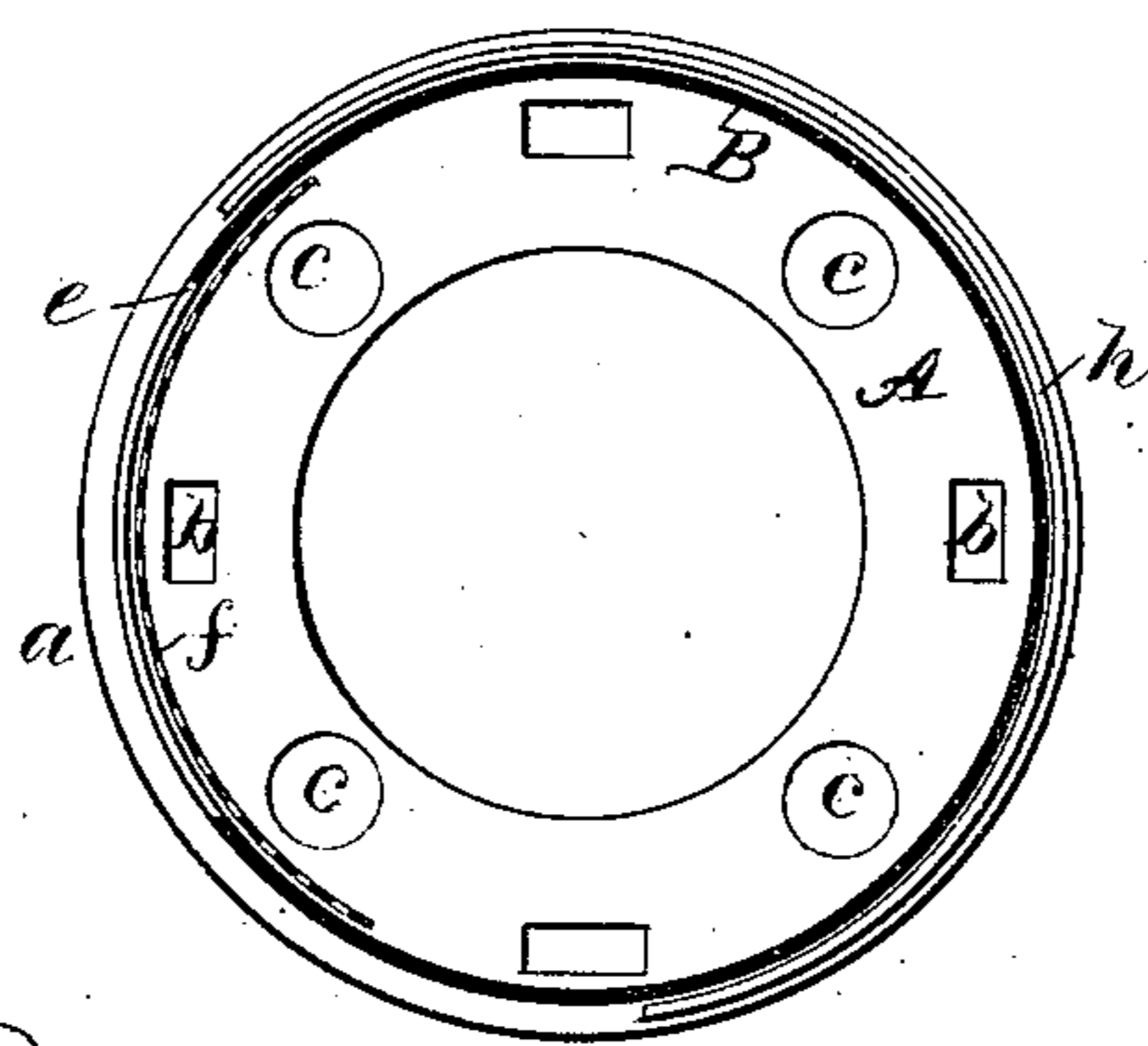


**C. I. PAYNE.**  
**HEATING ATTACHMENTS FOR LAMPS.**  
 No. 194,840.                      Patented Sept. 4, 1877.



*Fig: 2.*



**WITNESSES:**

*Chas. Hida.  
 J. H. Scarborough.*

**INVENTOR:**

*C. I. Payne.*  
 BY *Munn & Co.*

**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,

ALEX. F. ROBERTS.