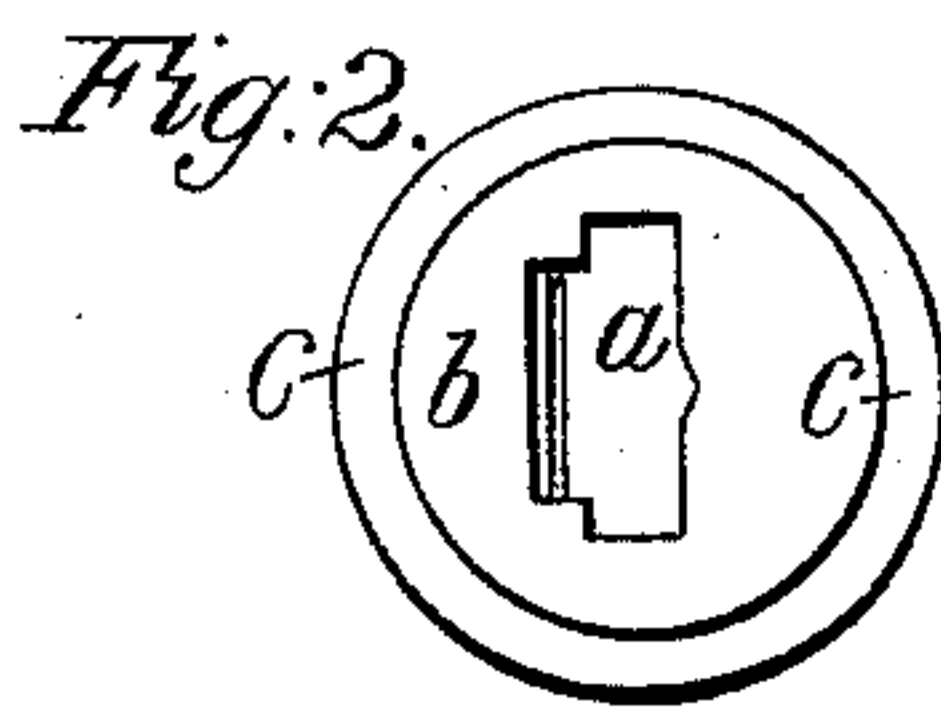
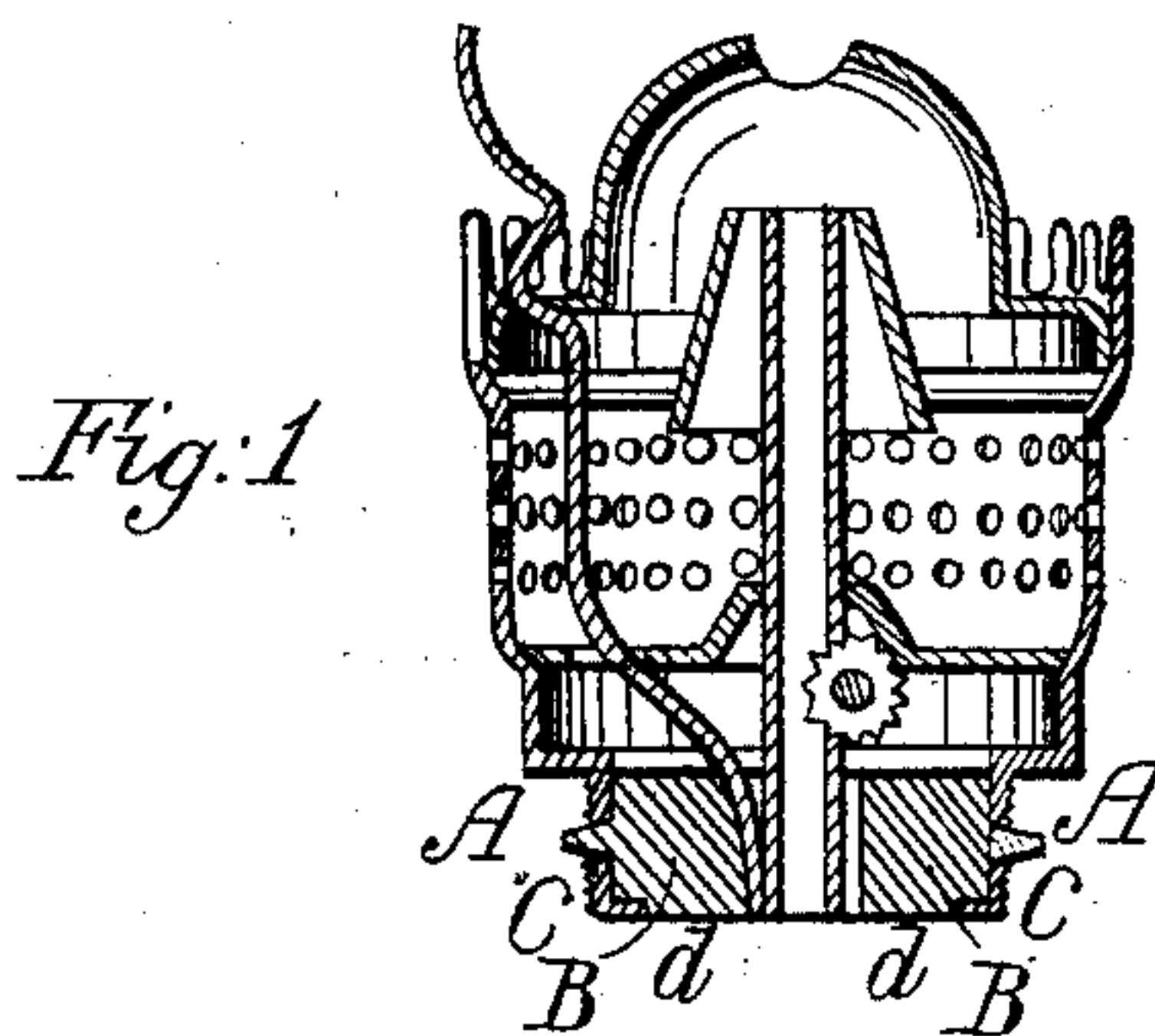


J. S. BRADFORD.

Lamp Burner.

No. 35,801.

Patented July 1, 1862.



Witnesses

Edw. J. Underwood
A. Smith

Inventor

John S. Bradford

UNITED STATES PATENT OFFICE.

JOHN S. BRADFORD, OF BALTIMORE, MARYLAND, ASSIGNOR TO JOSEPH C. MANNING, OF SAME PLACE.

IMPROVEMENT IN BURNERS FOR COAL-OIL LAMPS.

Specification forming part of Letters Patent No. 35,801, dated July 1, 1862.

To all whom it may concern:

Be it known that I, JOHN S. BRADFORD, of the city of Baltimore, and State of Maryland, assignor to JOSEPH C. MANNING, of said city and State, have invented a new and useful Improvement in Burners for Coal-Oil or Kerosene-Oil Lamps; and I do hereby declare that a full, clear, and exact understanding of the construction, application, and operation of the same is obvious on reference being had to the annexed drawings, which form part of this specification.

Figure 1, A is the lower rim of the burner, in which is inserted the upper section of the vulcanized-rubber bottom, the rim resting closely against the flange or cut-off, and riveted to said upper section of bottom; B B, the flange or cut-off; C, the brass screw to attach the burner to the lamp, riveted securely on the lower section of the vulcanized-rubber bottom.

Fig. 2, the vulcanized india-rubber bottom; *a*, the opening for the wick-tube; *b*, the upper section of the rubber bottom; *c c*, the flange or cut-off; *d*, the lower section of the rubber bottom, as seen in Fig. 1.

I claim—

The application and use of vulcanized india-rubber as a base or bottom for burners for coal-oil or kerosene-oil lamps and the flange or cut-off thereto, thereby breaking the metallic connection and preventing the communication of heat from the burner to the lamp, or to the metallic socket in which said burner is fixed or screwed, in the manner and for the purpose herein set forth.

JOHN S. BRADFORD.

Witnesses:

L. A. SPRIGG,
JAS. M. SLAUGHTER.