

S. RUSSELL.

Lamp-Burner.

No. 129,598.

Patented July 16, 1872.

FIG. 1.

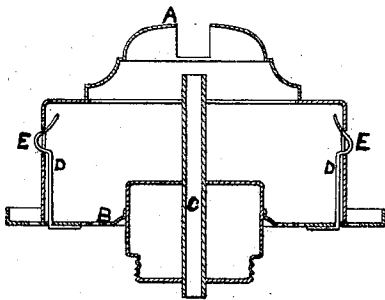


FIG. 2.

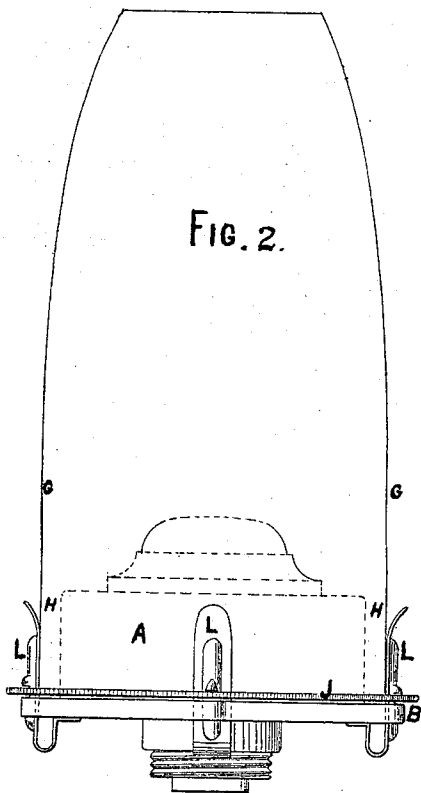
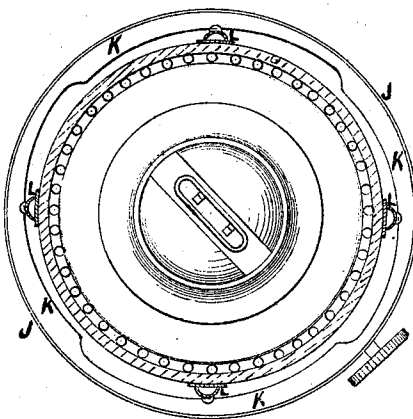


FIG. 3.



INVENTOR

WITNESSES

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STERNE RUSSELL, OF WATERBURY, CONNECTICUT, ASSIGNOR TO THE
SCOVILL MANUFACTURING COMPANY, OF SAME PLACE.

IMPROVEMENT IN LAMP-BURNERS.

Specification forming part of Letters Patent No. 129,598, dated July 16, 1872.

Specification describing certain Improvements in Lamp-Burners, invented by STERNE RUSSELL, of Waterbury, in the county of New Haven and State of Connecticut.

My invention relates to vertical fingers that are operated by the cam-shaped edges of a ring that surrounds the said fingers, so that on partially turning the ring in one direction the chimney is clamped by the fingers, and by turning it the other way the chimney is released.

Figure 1 is a section, showing cone and cone-holding springs. Fig. 2 is a side elevation, showing fingers or clamps for holding chimney. Fig. 3 is a top view, showing cam-ring, by means of which the fingers or clamps are operated.

A is the cone, supported by the perforated disk B, surrounding the wick-tube C, and is held in position by the springs D with catches E near the upper end, the said catches taking into holes through the sides of the cone, thus holding it firmly. The cone can easily

be removed, for cleaning or trimming, by pressing with the thumb and finger upon the points E E and lifting; but this feature forms the subject of a separate application.

The fingers or clamps L L, operated by means of the ring J, the inside of which is formed into cams K K, make a very effectual chimney-holder. It is easily operated by revolving the ring J toward the right hand for the purpose of pressing the fingers L L against the sides of the chimney and holding it in position. By reversing or turning toward the left hand the pressure is relieved and the chimney can be removed.

I claim as my invention—

The combination of the fingers L L and the ring J, substantially as and for the purpose set forth.

STERNE RUSSELL.

Witnesses:

GEO. H. COWELL,
C. P. GOSS.