

73834

S.C. Pruden's Burner

PATENTED

JAN 28 1868

Fig. 1.

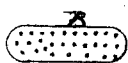
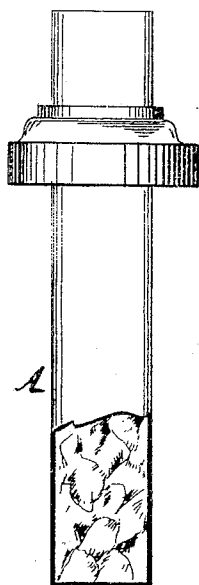
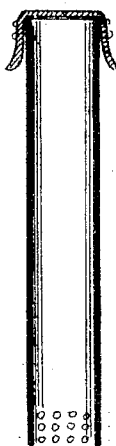


Fig. 2.

Fig. 3.



Witnesses
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SAMUEL C. PRUDEN, OF HARMONY, OHIO.

Letters Patent No. 73,834, dated January 28, 1868.

IMPROVED BURNER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, S. C. PRUDEN, of Harmony, in the county of Athens, and State of Ohio, have invented a new and improved Burner; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention relates to a new and improved burner or tube for coal-oil and other similar lamps more particularly, the improvement consisting in using, in the tube or burner, alum, whereby a more brilliant, perfect, and even light is enabled to be produced from the burning of the oil within the lamp, a wick or other suitable conducting-medium therefor being employed, if so desired. In the accompanying plate of drawings my improved burner is illustrated—

Figure 1 being a side view of the same with its lower end taken out.

Figure 2, a view of the lower end to the tube.

Figure 3, a central section through a tube in the direction of its length, showing one end covered with a cap of cloth, felt, &c.

Similar letters of reference indicate corresponding parts.

A, in the drawings, represents a tube suitable to receive a wick. This tube is closed at its lower end by a perforated plate, B, which holds the alum within the tube through which the oil has to pass in its passage up to the burning-point or end of the wick-tube, whereby the brilliancy of the flame to the burner is greatly increased, and a more perfect and even light produced. In fig. 3 another form of burner is shown.

I claim as new, and desire to secure by Letters Patent—

A burner, made substantially as and for the purpose described.

SAM'L C. PRUDEN.

Witnesses:

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