

C. E. CORBETT.
Coal Oil Lamp.

No. 39,551.

Patented Aug. 18, 1863.

Fig: 1.

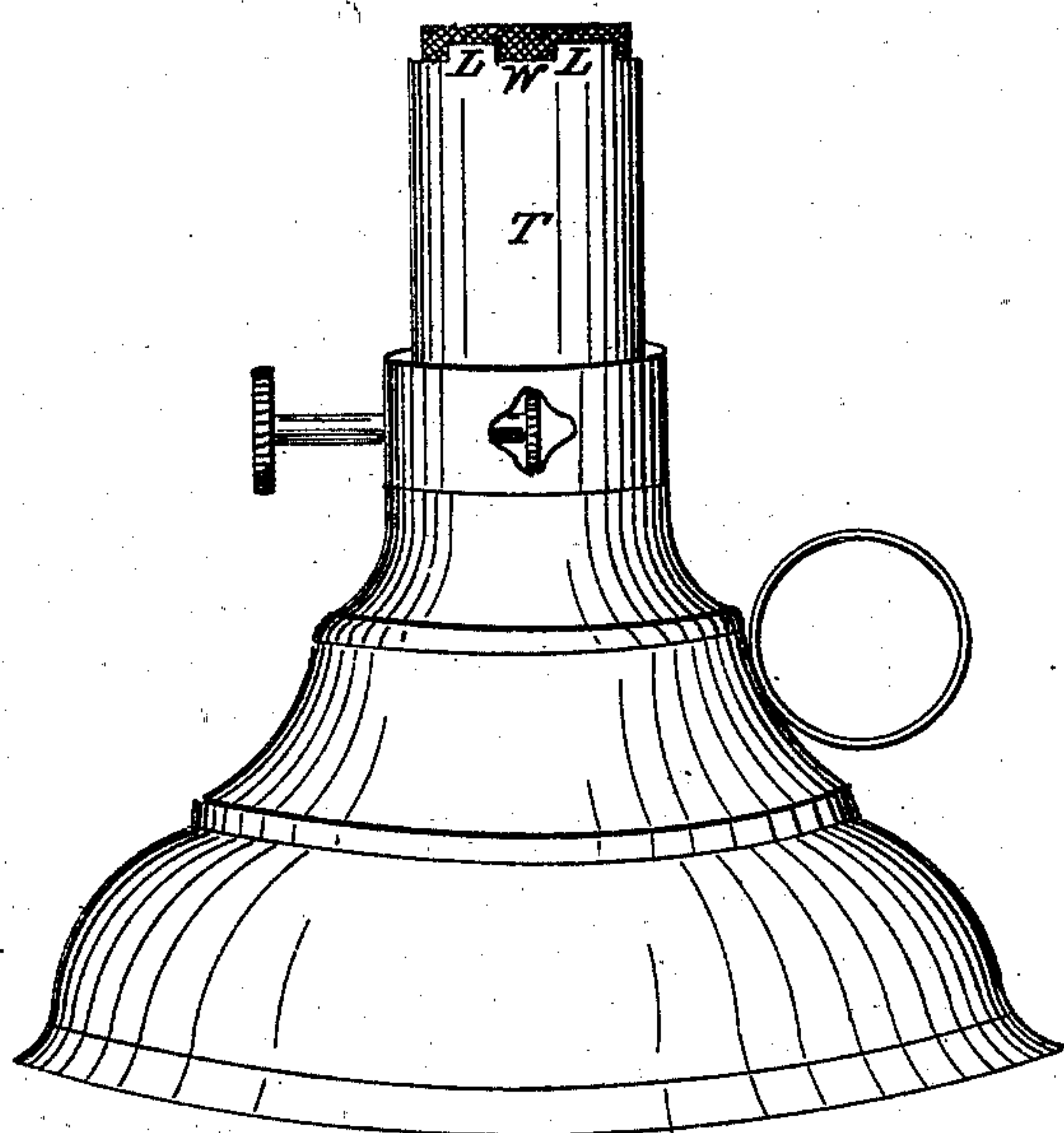


Fig: 2.

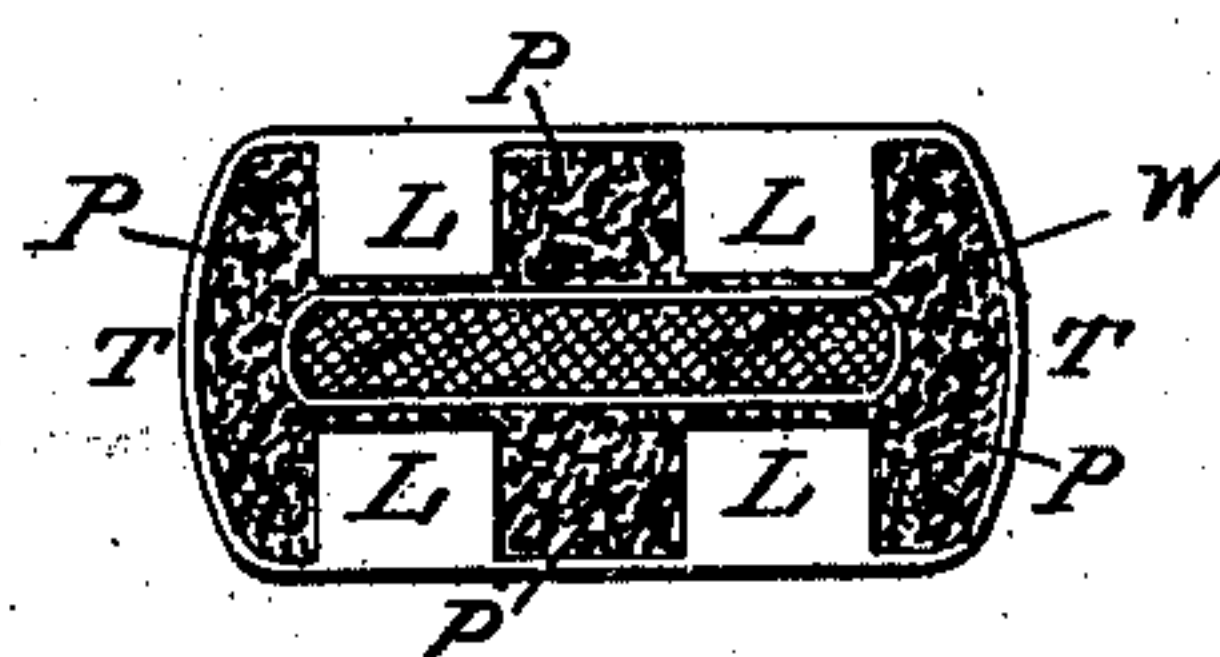
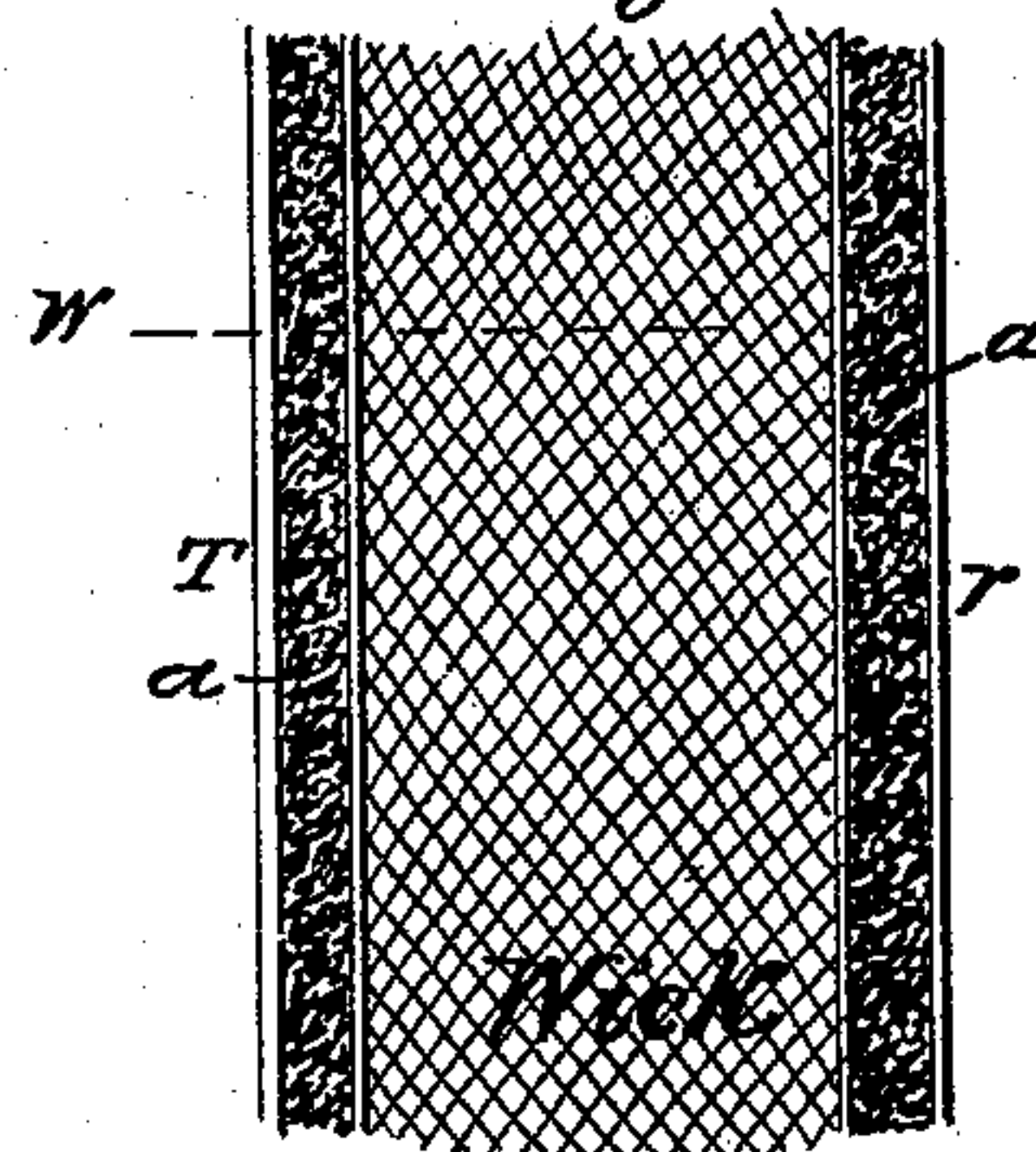


Fig: 3.



Witnesses:

Geo. W. Smith
N. Dubois

Inventor:

Cooper E. Corbett
by J. E. Corbett
attorney.

UNITED STATES PATENT OFFICE.

C. E. CORBETT, OF CORBETTSVILLE, NEW YORK.

IMPROVEMENT IN COAL-OIL LAMPS.

Specification forming part of Letters Patent No. 39,551, dated August 18, 1863.

To all whom it may concern:

Be it known that I, COOPER E. CORBETT, of Corbettsville, Broome county, State of New York, have invented a certain new and useful Improvement in Coal-Oil Lamps; and I do hereby declare that the following is a full and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is an exterior view of the lamp; Fig. 2, a view of the top end of the tubes and wick, and Fig. 3 a section of the tubes and wick.

T T is an outer tube inclosing packing *a a*, of cotton or other porous substance, which surrounds the inner tube. The inner tube, filled with the ordinary wick W, is constructed as usual. The outer tube, T T, is provided with lips L L, which are bent over the top of the packing, leaving openings as at P P P P for the flame. These openings may be varied according to the amount of flame or light re-

quired. The outer tube may be made of a single piece of sheet metal cut out the proper shape.

The object of surrounding the ordinary tube and wick with packing of cotton or other porous substance is to absorb the surplus oil that usually overflows the wick-tube and causes the disagreeable smoking which takes place when a chimney is not used. By this arrangement the coal-oil lamp may be used without a chimney, and will be very useful as a hand-lamp for the house, and suitable for railroad or other lanterns.

What I claim as my invention, and desire to secure by Letters Patent, is—

Surrounding the tube of the ordinary coal-oil lamp with packing of cotton or other porous substance, as and for the purposes described.

COOPER E. CORBETT.

Witnesses:

C. H. WILLARD,
V. P. CORBETT.