

C. MULCHAHEY.

Lamp.

No. 58,459.

Patented Oct. 2, 1866.

Fig. 1.

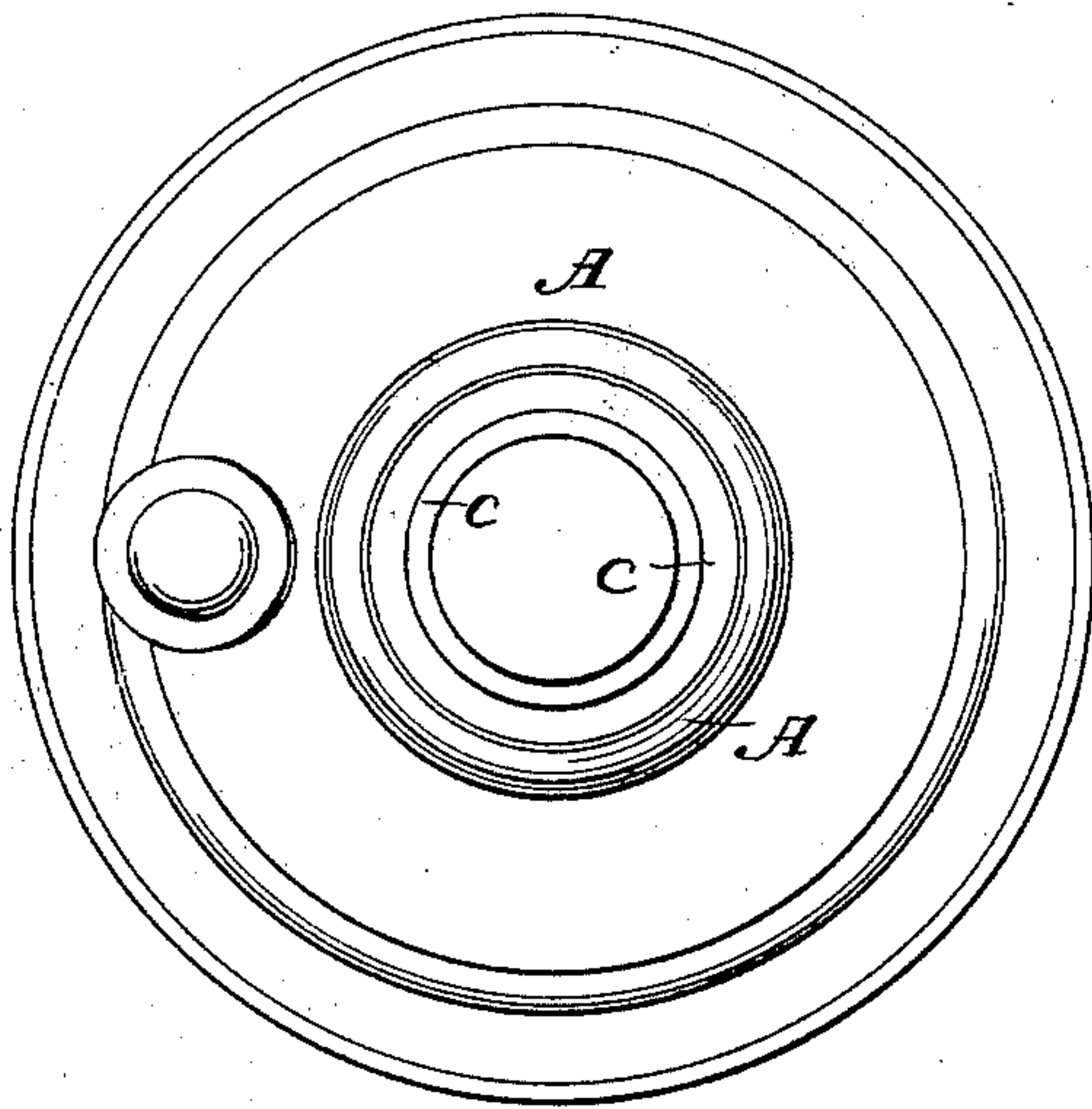


Fig. 2.

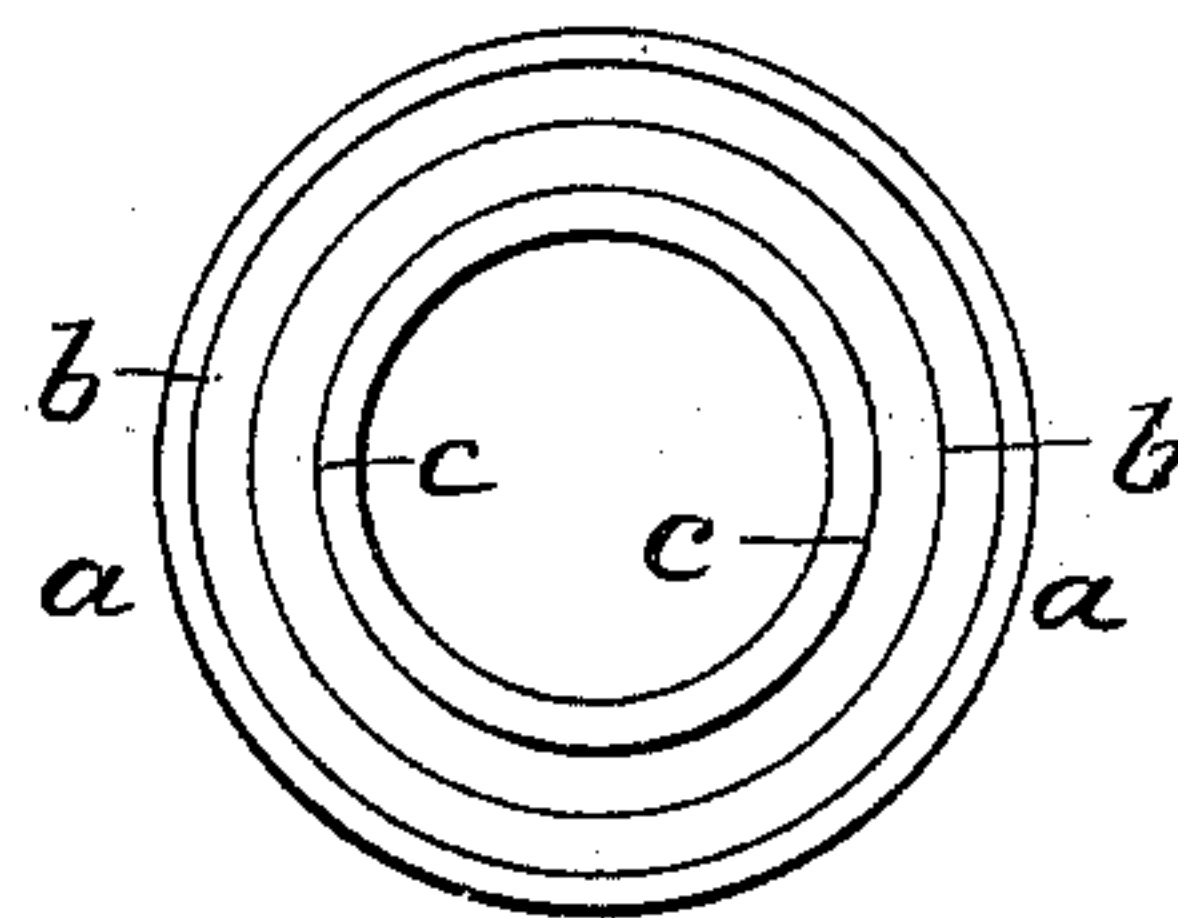


Fig. 3.

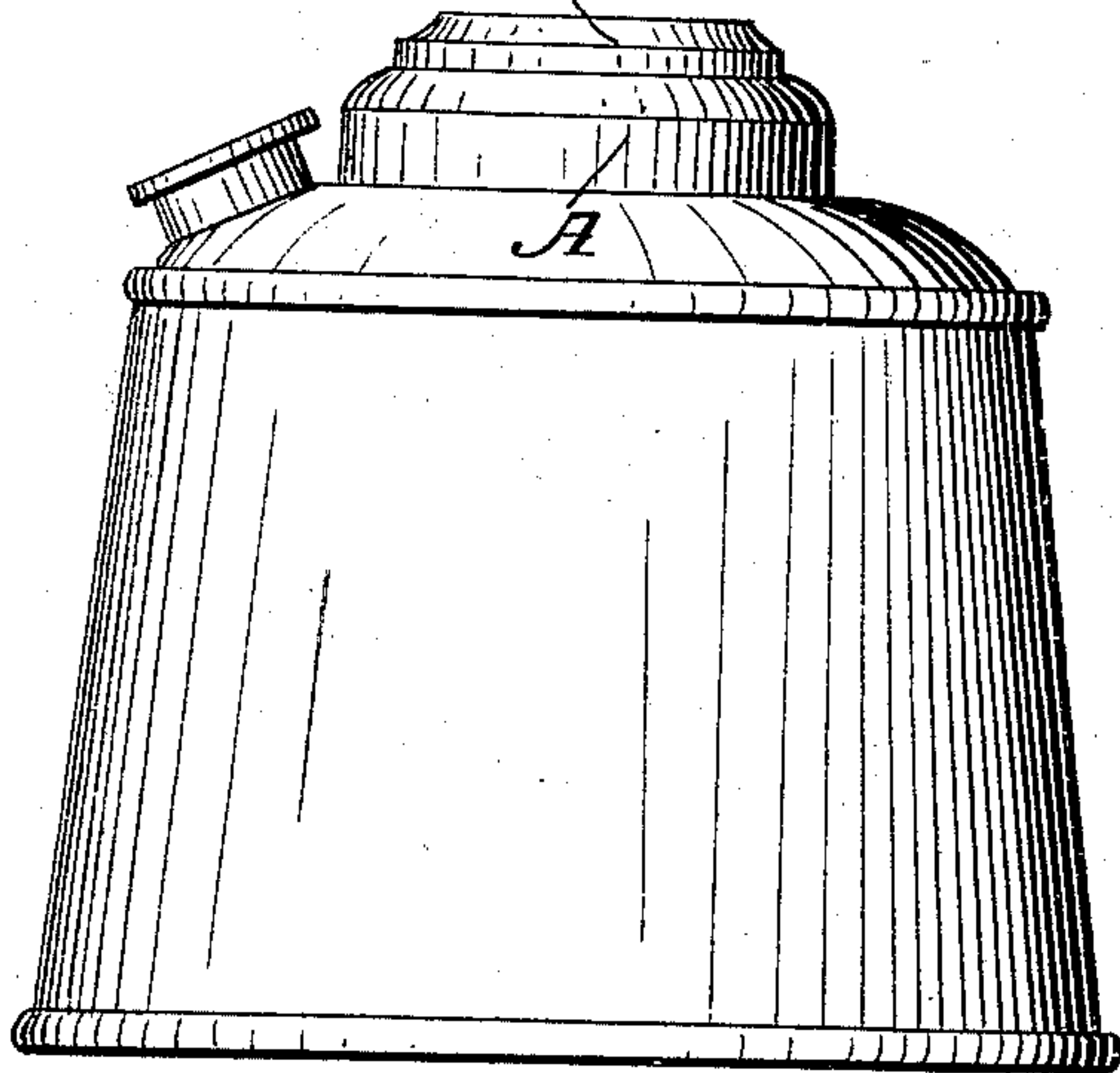
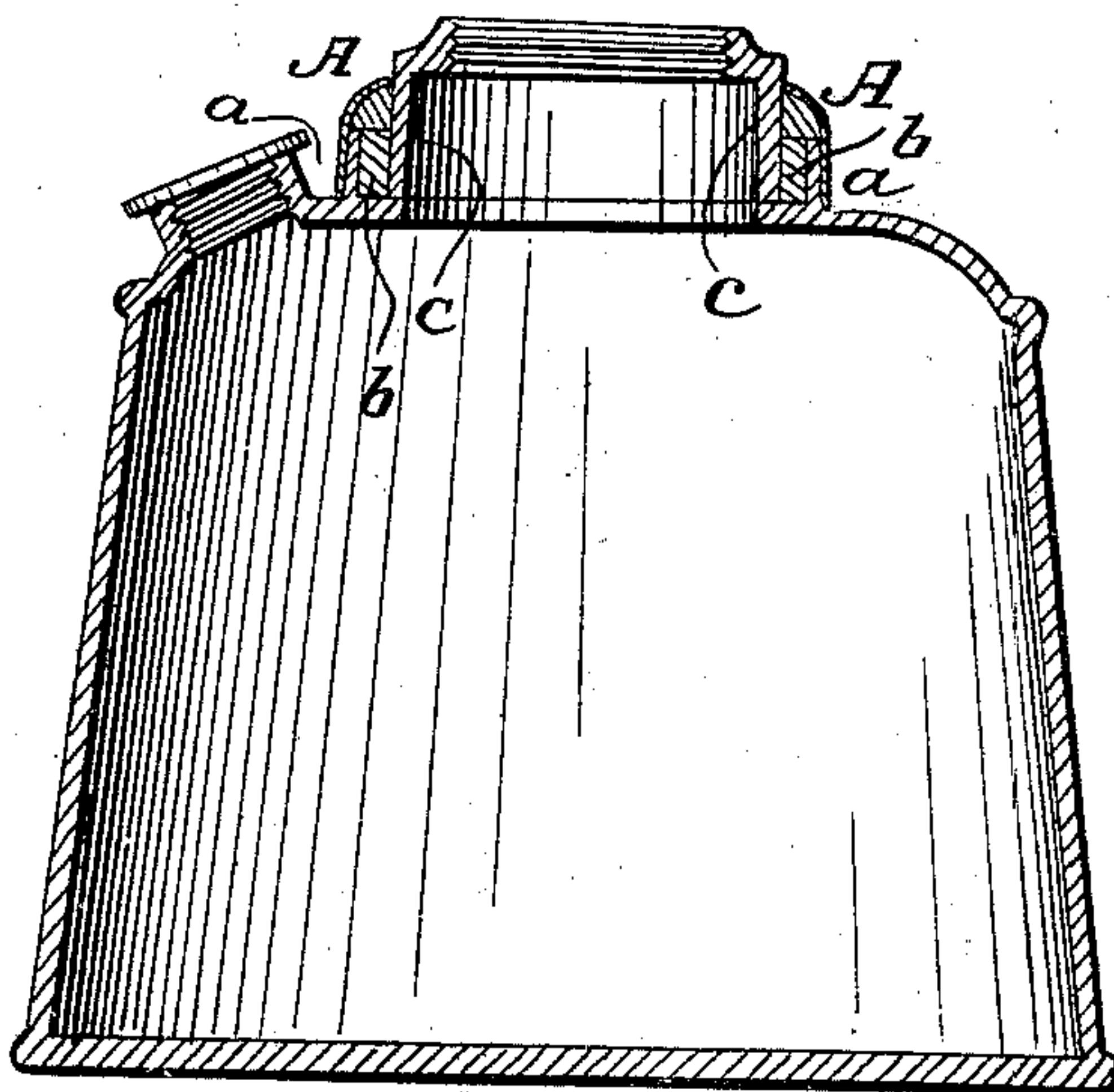


Fig. 4.



witnesses:
J. B. Godwin
W. D. Stevens.

Inventor
Chas Mulchahey.

UNITED STATES PATENT OFFICE.

CHARLES MULCHAHEY, OF SPRINGFIELD, MASSACHUSETTS.

IMPROVEMENT IN LAMPS.

Specification forming part of Letters Patent No. **58,459**, dated October 2, 1866; antedated September 15, 1866.

To all whom it may concern:

Be it known that I, CHARLES MULCHAHEY, of Springfield, Hampden county, Commonwealth of Massachusetts, have invented an Improvement in Lamps; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to letters of reference marked thereon.

In the drawings, Figure 1 is a top view of a lamp with my invention attached. Fig. 2 is a partial top view of the same with the ring A removed. Fig. 3 is a side view, and Fig. 4 a vertical cross-section.

My improvement consists in applying to a lamp, around the outside of the tube to which the burner is fastened, a ring of some absorbent material, which shall retain until evaporated such oil as shall from any cause be drawn up and flow over the top of the burner or wick, and thus preventing the lamp from becoming covered with oil on the outside, as is so often the case with ordinary lamps, particularly such as use kerosene or coal-oil, to which this invention more particularly applies.

Its construction is as follows: Around the brass tube *c*, in which the burner is screwed, and a short distance from it, I form a ring, *a*,

either a part of the body of the lamp or a separate piece fastened to it. The space *b*, between the tube *c* and ring *a*, I fill with some substance which will retain the oil which overflows until the volatile part is evaporated. In this case I use common hard soap, which I have found from experience to be the best substance, as it always keeps in condition to receive the oil without drying or caking, and can so readily be renewed with so slight expense.

It will be seen that in this way I obtain a cheap and simple remedy for this disagreeable defect of oil-lamps without in any way interfering with their burning qualities or materially altering their appearance.

Now, having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The application to an oil-lamp of an absorbent or retaining material around outside of the tube *c*, substantially in the manner and for the purpose described.

CHAS. MULCHAHEY.

Witnesses:

J. B. GARDINER,
W. D. STEVENS.