

H. C. HUTCHINSON.

Lamp.

No. 45,719.

Patented Jan. 3, 1865.

Fig. 1.

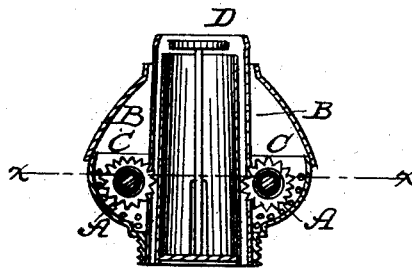
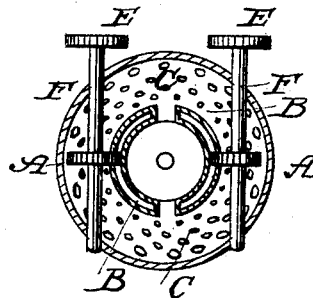


Fig. 2.



Witnesses

R. D. Smith

Augusta S. H. Smith

Inventor

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UNITED STATES PATENT OFFICE.

HENRY C. HUTCHINSON, OF CAYUGA, NEW YORK.

IMPROVEMENT IN LAMPS.

Specification forming part of Letters Patent No. **45,719**, dated January 3, 1865; antedated September 12, 1863.

To all whom it may concern:

Be it known that I, HENRY C. HUTCHINSON, of Cayuga, county of Cayuga, and State of New York, have invented a new and useful Improvement in Lamps having a central draft, being a new and improved mode of raising and lowering wicks in lamps having circular or curved wick-tubes; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, in which—

Figure 1 is a vertical section, and Fig. 2 a horizontal section, of the same.

A A are ratchets; B B, wick-tubes; C C, basin or chamber around ratchets forming bearings for shafts of same; D, screen or guard across central tube; E E, thumb-wheels attached to shafts of ratchets; F F, shafts of ratchets.

In the above-described drawings two ratchets and two wick-tubes are shown. The same

plan may be used and same effect produced with one ratchet or more. The ratchet may be placed either on the outer or inner side of the wick-tube.

The lamp to which my invention may be applied may have a circular or oval wick formed from two flat strips or from a single piece.

I disclaim the application and use or invention of the ratchets as in the several inventions of A. H. North, L. White, and Platt and Rosecrans.

I disclaim the invention of the curved wick-tube.

I claim—

The combination of the ratchet A on the shaft F with the circular or curved wick-tube B and basin or chamber C, as and for the purpose substantially as described.

HENRY C. HUTCHINSON.

Witnesses:

JOHN S. HOLLINGSHEAD,
JOHN Q. AMADON.