

J. CURZON.
Lamp-Burners.

No. 158,254.

Patented Dec. 29, 1874.

Fig: 1.

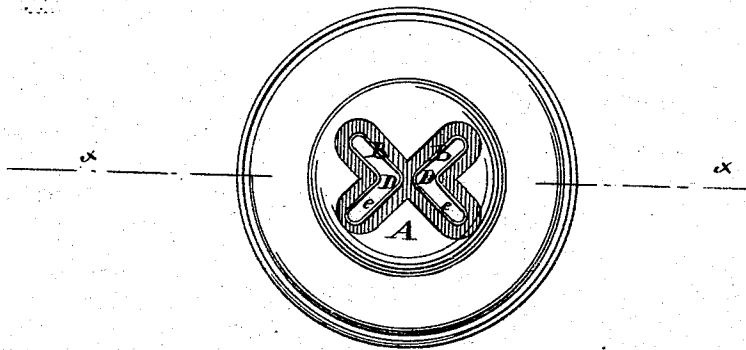
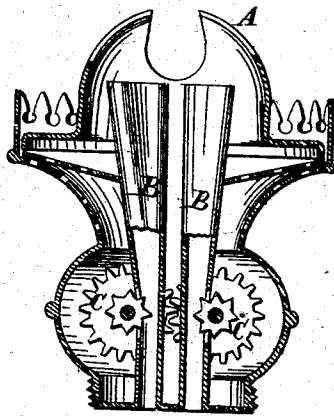


Fig: 2.



WITNESSES:

Chas. Nida.
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UNITED STATES PATENT OFFICE.

JAMES CURZON, OF DARIEN, CONNECTICUT.

IMPROVEMENT IN LAMP-BURNERS.

Specification forming part of Letters Patent No. **158,254**, dated December 29, 1874; application filed December 5, 1874.

To all whom it may concern:

Be it known that I, JAMES CURZON, of Darien, in the county of Fairfield and State of Connecticut, have invented a new and useful Improvement in Lamps, of which the following is a specification:

This invention relates to the construction of lamps, and applies especially to the construction of the wick-tubes, whereby a greatly-increased volume of light is afforded; and it consists in a burner of two wicks, having the wick-tubes bent longitudinally, either their upper parts or throughout their entire length, and so arranged as to form a star or similar shaped light.

In the accompanying drawing, Figure 1 is a top view, showing the form of the wick-tubes, with the cone removed. Fig. 2 is a section of Fig. 1, taken on the line *x x*.

Similar letters of reference indicate corresponding parts.

A is the cone. B B are the wick-tubes. C are gear-wheels for elevating and depressing the wicks, in the usual manner. D represents the wicks.

The upper portions of the wick-tubes are bent longitudinally, so as to form nearly a

right angle each. The angles *ee* of these wick-tubes are placed nearly or quite in contact with each other, so that the flame is star-shaped. This arrangement, in whatever position the lamp may be placed, presents two sides from which light is radiated toward the user.

The wick-tubes may be bent their entire length instead of at their ends, and instead of right angles they may be circular with the convex sides placed in contact, or nearly in contact, with each other. If each wick formed the segment of the circle instead of an angle, the result would be nearly the same, or a star-shaped light would be produced, but I prefer the arrangement shown.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination of the wick-tubes B B bent longitudinally, and arranged with their angles contiguous, as shown and described.

JAMES CURZON.

Witnesses:

IRA SCOFIELD,
JAMES H. CURZON.