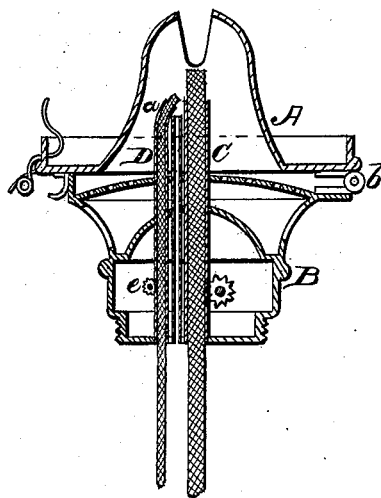


E. E. TOWNSEND.  
Lamp Burner.

No. 202,074.

Patented April 2, 1878.



WITNESSES

*J. L. O'Connell*  
*H. A. Tolson*

INVENTOR

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ATTORNEYS

# UNITED STATES PATENT OFFICE.

EDWARD E. TOWNSEND, OF THIBODEAUX, LOUISIANA, ASSIGNOR OF  
ONE-THIRD HIS RIGHT TO HERCULE DANSREAU, OF SAME PLACE.

## IMPROVEMENT IN LAMP-BURNERS.

Specification forming part of Letters Patent No. **202,074**, dated April 2, 1878; application filed  
February 11, 1878.

*To all whom it may concern:*

Be it known that I, EDWARD E. TOWNSEND, of Thibodeaux, in the parish of La Fourche, and in the State of Louisiana, have invented certain new and useful Improvements in Lamp-Burners; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction of a coal-oil lamp with an auxiliary wick-tube and wick to be used for lighting the main wick, as will be hereinafter described.

To enable those skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

In the accompanying drawing, which is a vertical section, and which makes a part of this specification, A represents the cap of any ordinary coal-oil lamp, which is hinged to the body of the burner at *b*. B represents the body, which screws into the top of the lamp, and which is constructed in any of the well-known and usual ways. C represents the main wick-tube, the wick of which is raised and lowered in the usual manner. D represents an auxiliary wick-tube, which is made to contain a very small wick, and one that will make a very small flame. The upper end of this tube

drops a little below, and is curved, as shown at *a*, toward, the mouth of the main wick-tube, so that the supplemental wick will almost be in direct contact with the main wick, and this supplemental wick is regulated by a spur-wheel, *e*.

The small wick is kept constantly lighted, and produces a very small dim light, but is capable of lighting the large wick as soon as it is turned up.

I am aware that lamps have been provided with two or more separate wick-tubes, one of which is smaller than the other, to receive a taper, and do not claim such, broadly, as my invention.

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

In combination with the main wick-tube C of a lamp-burner and its wick therein, the supplemental wick-tube D, of smaller size, having its upper end curved at *a* toward the main wick-tube, and provided with a wick independently raised and lowered, as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 16th day of January, 1878.

EDW. E. TOWNSEND.

Witnesses:

C. A. EUGERRAN,  
E. N. BRAND.