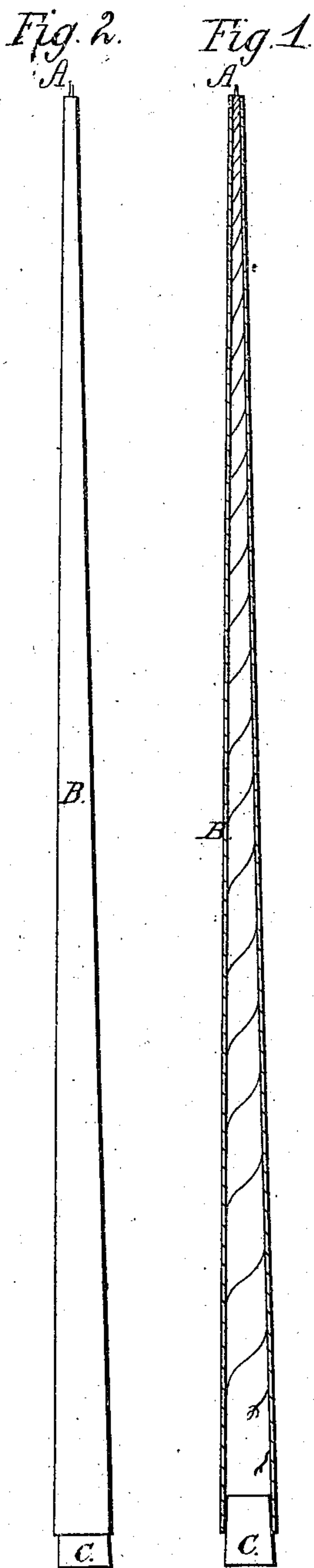


C. M. CLINTON.  
LAMPLIGHTER.

No. 40,734.

Patented Dec. 1, 1863.



Witnesses,  
Deane Reeve  
Wm. Angell

Inventor.  
Chas. M. Clinton

# UNITED STATES PATENT OFFICE.

CHARLES M. CLINTON, OF ITHACA, NEW YORK.

## IMPROVED LAMP-LIGHTER.

Specification forming part of Letters Patent No. 40,734, dated December 1, 1863.

*To all whom it may concern:*

Be it known that I, CHARLES M. CLINTON, of the town of Ithaca, in the county of Tompkins and State of New York, have invented an Improved Lamp-Lighter; and I do hereby declare that the following is a full and exact description thereof, reference being had to the annexed drawings, and to the letters of reference marked thereon, in which—

Figure 1 is a sectional view of my lamp-lighter, showing the construction thereof; and Fig. 2 is an external view of it.

The object of my invention has especial reference to lighting petroleum and other hydrocarbon lamps without removing the chimneys, as well as making a lighting-taper.

In Fig. 1, A is the aperture end of the tube, having an opening about one-sixteenth of an inch in diameter. B is the tube, increasing in size regularly from one end to the other. C is the cork or stopper to retain the alcohol within the tube. The wick is cotton wound with one or more wires, and is condensed at one end and expands at the larger end, so as to fill, or nearly so, the cavity of the tube. By the projection of the wires out of the aperture at A a nucleus or center is made for the flame, protecting it from currents of air and from being

extinguished by rapid motion and other exposures, and the wires are useful in drawing out the wick from time to time as it is consumed, a pair of scissors readily trimming off the minute wires, and, experience having shown that the reverse position of the tube in putting it down a lamp-chimney chars the cotton some distance up the tube, the wires render the wick more durable.

The practical construction and use of my lamp-lighter are apparent to those skilled in the art to which it appertains to be lighting a lamp-wick at the bottom of a chimney, or otherwise using it as a lighter, as convenience may direct.

What I claim is—

The combination of the tube B, the stopper C, and the wire-wound wick, when one or more wires are used about the wick for the purposes of preventing the destruction of the wick in the smaller part of the tube and to draw the wick out of the tube for trimming it, as well as to center and protect the flame about the projecting wire or wires.

CHAS. M. CLINTON.

In presence of—

JEROME ROWE,  
WM. B. ANGLE.