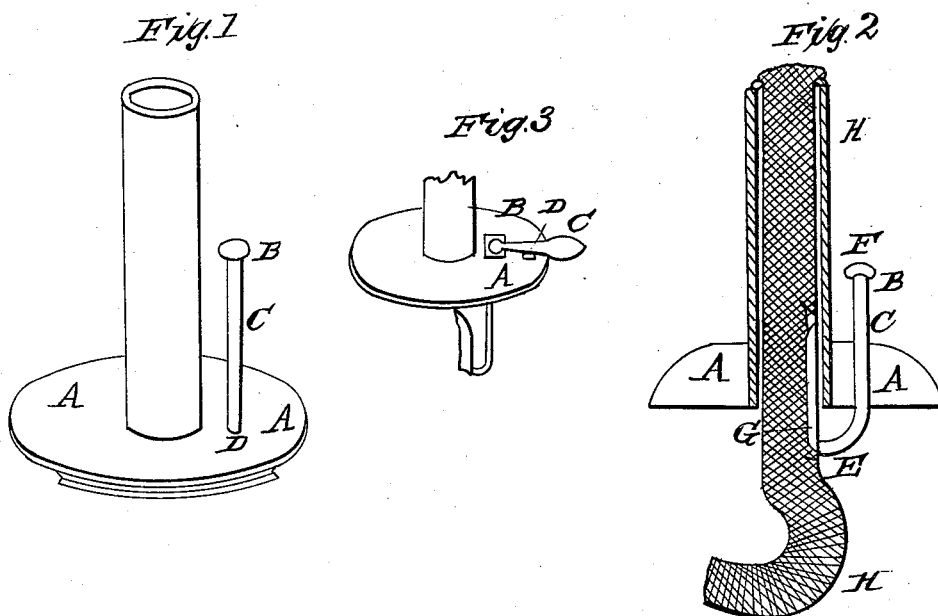


C. C. STANSELL.
Lamp Wick Adjuster.

No. 52,618.

Patented Feb. 13, 1866.



Witnesses
Wm H. Tyler.
J. H. Chamberlain

Inventor
C. C. Stansell

UNITED STATES PATENT OFFICE.

C. C. STANSELL, OF MIDDLEBOROUGH, MASSACHUSETTS.

IMPROVED LAMP-WICK ADJUSTER.

Specification forming part of Letters Patent No. 52,618, dated February 13, 1866.

To all whom it may concern:

Be it known that I, C. C. STANSELL, a citizen of the United States, and resident of Middleborough, in the county of Plymouth and State of Massachusetts, have invented a certain new and useful Improvement in Raising and Adjusting Wicks of Lamps; and I hereby declare the same to be fully described in the specification and represented in the accompanying drawings, of which—

Figure 1 is a front elevation, and Fig. 2 a vertical section, of a round-wick fluid-burner constructed in accordance with my improvement.

The nature of my invention consists in raising and adjusting the wicks of lamps by the use of a metallic concave pen-shaped spring-pointed sliding clasp, which is introduced into the lower end of the wick-tube between the wick and tube, the purpose of which is to compress and stiffen the wick, rendering it susceptible of easy adjustment, the motion to which is given by the action of the regulating-rod, which connects with it at its foot by solder, and thence passes through a hole drilled in the shell of the burner and terminating on top by a thread, on which is secured a ball, which can be removed to admit of the removal of the clasp from the tube.

The peculiar object of my improvement is to raise and adjust the wicks of lamps without recourse to the usual mode of ratchet-wheels, which has of late become a source of

much trouble and annoyance by continually working loose on the shaft, which is effectually remedied by my invention.

In the drawings, Fig. 1 denotes a round-wick burner with improvement attached; A A, the shell of the burner, so called; C, the regulating-rod; B, the ball screwed on top; D, a hole in the shell through which passes the rod, and connects with the slide at its end. In the sectional view of Fig. 2, A A also denote the shell of a burner; C, the regulating-rod; B, the ball on its top; D, the hole through which it passes, and connects with the clasp at E; G, the clasp; F, its point pressed into the wick H H.

In Fig. 3 is seen a view of the regulating-rod connecting with a lever at B, with a thumb-piece, C. D is a fulcrum by which the lever is worked.

What I claim, and desire to secure by Letters Patent, is—

A new mode of raising and adjusting the wicks of lamps by the use of a metallic concave pen-shaped spring-pointed sliding clasp, or any similar device which may be introduced into the wick or between the wick and inside of the tube, for the purpose of compressing and stiffening the wick, thereby rendering it susceptible of easy adjustment.

C. C. STANSELL.

Witnesses:

D. H. WHITNEY,
GEO. A. AMIDON.