

A. HALL.  
Lamp-Extinguisher

No. 201,411.

Patented March 19, 1878.

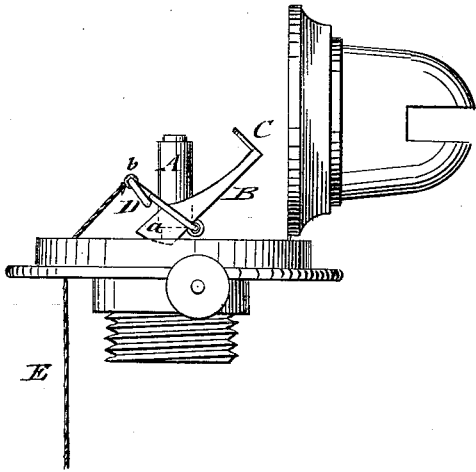


Fig: 1.

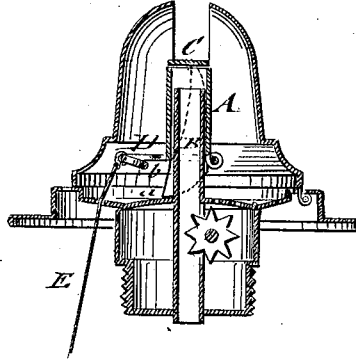


Fig: 2

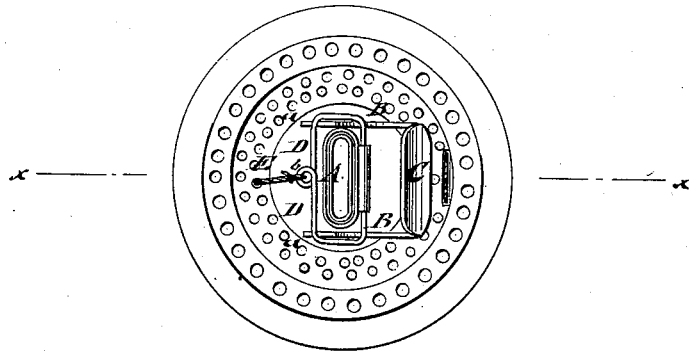


Fig: 3.

WITNESSES:

*Chas. Nott*  
*C. Sedgwick*

INVENTOR:

*A. Hall*

BY

*Munn & Co.*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

ALBERT HALL, OF CYPRESS HILL, NEW YORK.

## IMPROVEMENT IN LAMP-EXTINGUISHERS.

Specification forming part of Letters Patent No. **201,411**, dated March 19, 1878; application filed February 8, 1878.

*To all whom it may concern:*

Be it known that I, ALBERT HALL, of Cypress Hill, in the county of Kings and State of New York, have invented a new and Improved Extinguishing Attachment to Lamp-Burners, of which the following is a specification:

In the accompanying drawings, Figure 1 represents a side elevation of a lamp-burner with my improved extinguishing attachment. Fig. 2 is a vertical transverse section on line *x x*, Fig. 3; and Fig. 3 is a top view of the same with cone removed.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish for lamp-burners of all kinds an improved extinguishing attachment that may be readily placed on the wick-tube or detached therefrom, and be sold separately from the burner, it accomplishing the extinction of the flame in a perfectly reliable manner.

The invention consists of a slide-tube placed over the wick-tube, and having a cap or cut-off hinged by a lever-frame thereto, and operated by bottom cams, a crank-lever, and a string passed through one of the holes of the bottom plate of the burner.

Referring to the drawings, A represents a slide-tube, that is fitted over the wick-tube of the burner, and which has hinged to its lower end a lever-frame, B, to the upper part of which the cap or cut-off C is applied. The lever-frame B is extended below its hinge, and formed in the shape of cams, or inclined or rounded-off portions *a*, which bear on the bottom plate of the burner when the extinguisher is in position on the wick-tube, and throw the lever-frame and cap sidewise of the same, as in Fig. 1. A crank-frame, D, is firmly attached to the lever-frame, and extended in

front of the slide-tube A, an operating-cord, E, being applied to a central eye, *b*, of the lever-frame, and passed through one of the perforations of the bottom plate of the burner, so that by pulling thereon the lever-frame and slide-tube are readily raised on the bottom cams by the leverage of the crank-frame, and thereby not only the slide-tube raised above the wick-tube, but simultaneously the cap or cut-off swung over the upper end of the slide-tube, so as to reliably extinguish the flame.

By releasing the operating-cord the cap and lever-frame drop back by their own weight, and return the slide-tube into the lower position, on a level with the wick-tube.

The entire extinguishing device may be readily removed for cleaning the lamp-burner and replaced in position for use, being complete in itself, and not attached in any part to the lamp-burner. It has, therefore, the advantage of being sold separately from the burner, and applied to any lamp-burner in use, provided that a size fitting the wick-tube is obtained.

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

The combination of the slide-tube A, the lever-frame B hinged to its lower edge, having cam *a* at one end, the eye *b* at the middle, and the cut-off C at the other end, the crank-frame D attached to the frame B, and extended in front of slide-tube, and the operating-cord E passed through a perforation in the bottom plate of burner, as shown and described, to form a detachable extinguisher for lamp-burners.

ALBERT HALL.

Witnesses:

PAUL GOEPEL,  
C. SEDGWICK.