

W. P. NEWHALL.  
NIGHT-BURNER.

No. 6,852.

Reissued Jan. 11, 1876.

Fig. 1.

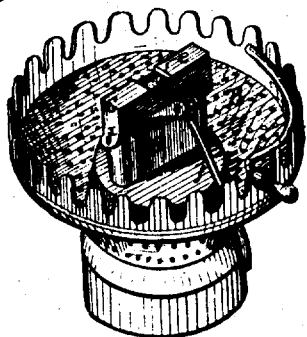


Fig. 2.

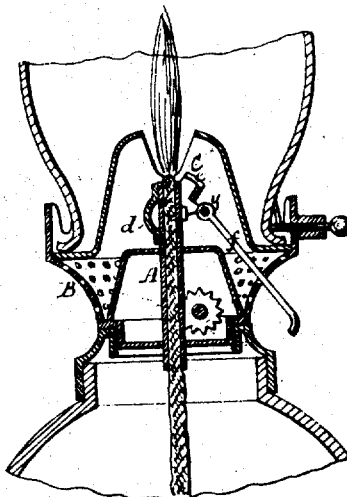
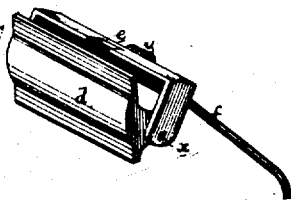


Fig. 3.



Witnesses:  
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Courtney A. Cooper.

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H. McManus }  
By their atty  
Charles Foster

# UNITED STATES PATENT OFFICE.

WALTER P. NEWHALL, OF PEEKSKILL, N. Y., ASSIGNOR, BY MESNE ASSIGNMENTS, TO R. H. PLASS AND HENRY McMANUS, OF NEW YORK CITY.

## IMPROVEMENT IN NIGHT-BURNERS.

Specification forming part of Letters Patent No. 45,513, dated December 20, 1864; reissue No. 6,852, dated January 11, 1876; application filed January 6, 1875.

*To all whom it may concern:*

Be it known that WALTER P. NEWHALL, of Peekskill, county of Westchester, State of New York, invented an Attachment for Coal-Oil-Lamp Burners, of which the following is a specification:

The object of this invention is to provide an ordinary lamp-burner with appliances whereby the flame may at any time be reduced to the size required for a night-light, and this object is effected by means of an adjustable cap or hood for covering a portion of the wick, as shown in the accompanying drawing, in which—

Figure 1 is a perspective view of a burner with the appliances for reducing the size of the flame; Fig. 2, a vertical central section, showing the parts in a different position; and Fig. 3, a detached perspective view of the device used in applying the invention to ordinary burners.

Similar letters of reference indicate corresponding parts in the several figures.

B represents the body of a coal-oil burner; A, the wick-tube, and C a hood so pivoted to pins *x x* that it may be turned to either of the positions shown in Figs. 1 and 2. A rod, *f*, jointed to the hood at *y*, and extending through an opening in the casing of the burner, affords a means of adjusting the hood without removing the dome.

The hood is of such a form that when it is in the position shown in Fig. 1 it will cover the greater portion of the wick; but when retracted it will expose the wick along its entire edge.

It will be seen that by manipulating the rod *f* to bring the hood over the end of the wick-tube, covering the greater portion of the wick,

as shown in Fig. 1, the flame is reduced to a size suitable for a night-light. By withdrawing the hood from above the wick-tube the wick is fully exposed, and a flame of the usual size is obtained, the hood being supported at one side of the wick-tube in a position ready for instant adjustment above the wick when a night-flame is required.

To render the device applicable to burners already in use the hood C is pivoted to a retainer, consisting of a plate, *d*, Fig. 3, having at the end lips, which carry the pins *x*, and extend around and embrace the wick-tube, securing thereto the plate and its appliances.

We claim—

1. The combination of a lamp-burner, an adjustable hood for covering a portion of the wick, and appliances whereby the hood may be adjusted without removing the dome of the burner, substantially as described.

2. The combination of a burner and a hood connected to the burner, and capable of being adjusted either to a position at one side of the wick-tube or to a position above, and covering a part of the wick, substantially as set forth.

3. A night-light attachment for coal-oil burners, consisting of a hood connected adjustably to a retainer, adapted to the wick-tube of a burner, as set forth.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

R. H. PLASS.  
HENRY McMANUS.

Witnesses:

CHAS. W. PLASS,  
GEO. A. SHEPARDSON.