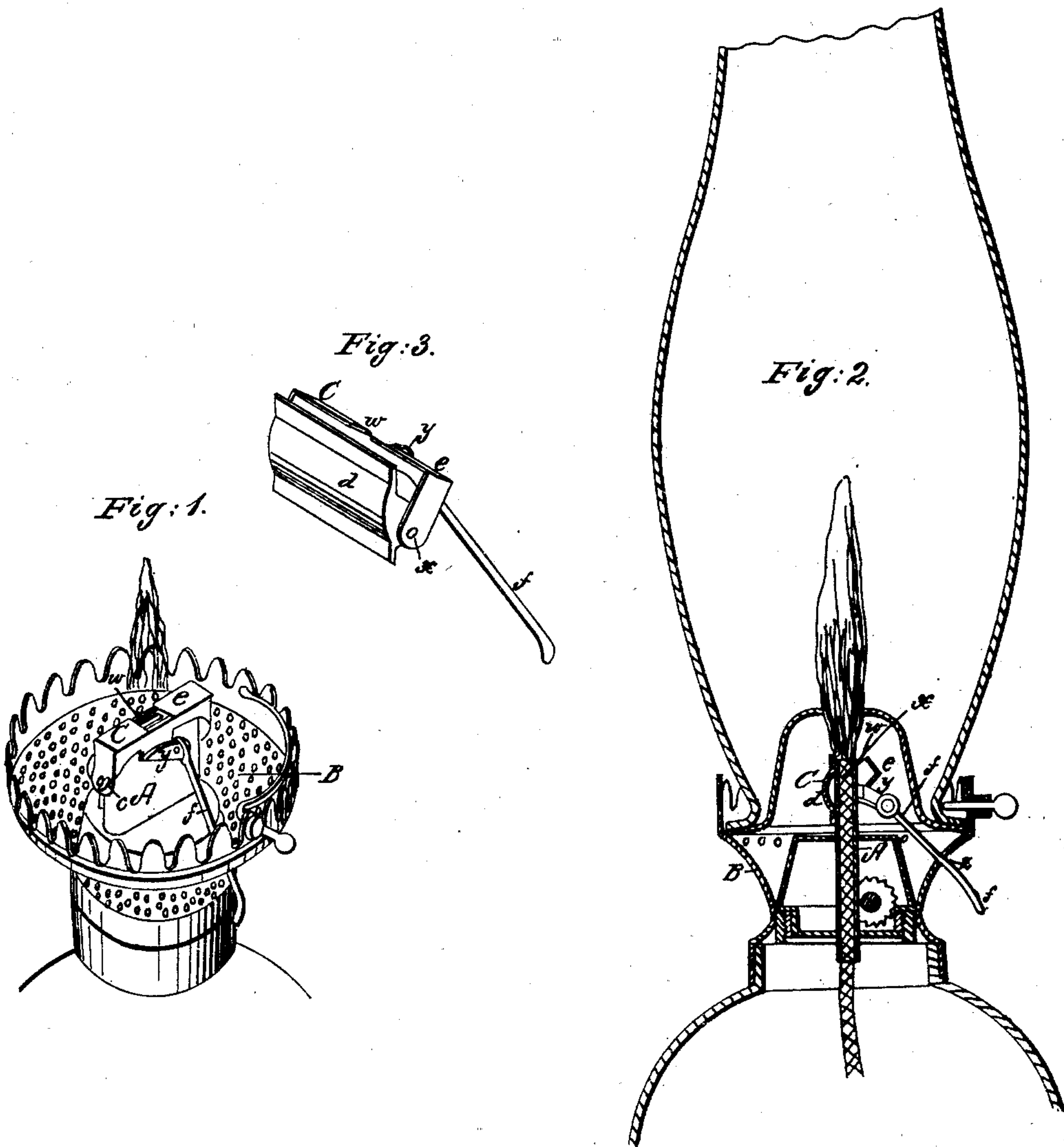


W. P. NEWHALL.

Night Burner.

No. 45,513.

Patented Dec. 20, 1864.



Witnesses:

William H. Smith
Albert L. Casner

Inventor:

Walter P. Newhall

UNITED STATES PATENT OFFICE.

WALTER P. NEWHALL, OF PEEKSKILL, NEW YORK, ASSIGNOR TO GEORGE P. GANSTER, OF NEW YORK CITY, NEW YORK.

IMPROVEMENT IN NIGHT-BURNERS.

Specification forming part of Letters Patent No. 45,513, dated December 20, 1864.

To all whom it may concern:

Be it known that I, WALTER P. NEWHALL, of the village of Peekskill, county of Westchester, State of New York, have invented a certain new and useful improved device applicable to common coal-oil burners for producing a night-light; and I hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a perspective view of my improved device, as applied to the wick-tube of a common coal-oil burner in the position when used as a night-light. Fig. 2 is a vertical central section of a complete burner, with my device in position when the latter is out of operation. Fig. 3 is a detached perspective view of my device, shown from an opposite position as in Fig. 1.

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

This invention relates to a device applicable to and to be used in connection with the top end of the wick-tube of common coal-oil burners, by means of which at any time a portion of the top end of the wick and wick-tube may be covered from the outside of the chimney-holder, and it may be thrown out of operation at any time without taking the chimney off the lamp, and a full light is obtained from the same.

To enable others skilled in the art to make and use my invention, I will now proceed to describe its construction and operation with reference to the drawings.

A, Figs. 1 and 2, represent the wick-tube; B, the chimney-holder of a common coal oil burner.

C represents the device for producing the

night-light, which device is composed of a plate, *d*, a cap, *e*, and the rod *f*. The cap *e* with the top edge of the plate *d*, are made to correspond and form, when brought together, a cover over the top of the wick-tube, with the exception of a small portion at *w*, where a part of the top of the cap *e* is cut open. The plate *d* is made with lips on each end extending around and to fit the wick-tube, and to which at *x* the cap *e* is hinged. To a projection, *y*, formed at the front portion of the cap *e*, is hinged the rod *f*, which extends through an opening, *z*, to the outside of the chimney-holder B, as shown in Fig. 2.

Now, it is clearly seen that by pressing with the finger on the end of the rod *f*, outside of the holder, the cap *e* is brought over the end of wick-tube and covers the wick and cuts off the flame, with the exception of the small portion at *w*, where the cap *e* is cut open, thus leaving a small flame burning, such as is capable for a night-light, as shown in Fig. 1.

Now, by drawing or raising the end of the rod *f* the cap *e* is brought off from the top of the wick-tube. Thus the full end of the wick is exposed and the usual full light obtained, and the device for obtaining the night-light is operated without disturbing the lamp.

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

The device C, applied to common coal-oil burners constructed of the cap *e*, plate *d*, and rod *f*, and for the purpose of being operated from the outside of the chimney-holder, as herein shown and described.

WALTER P. NEWHALL.

Witnesses:

WILLIAM GRIOX,

ALBERT S. EASAM.