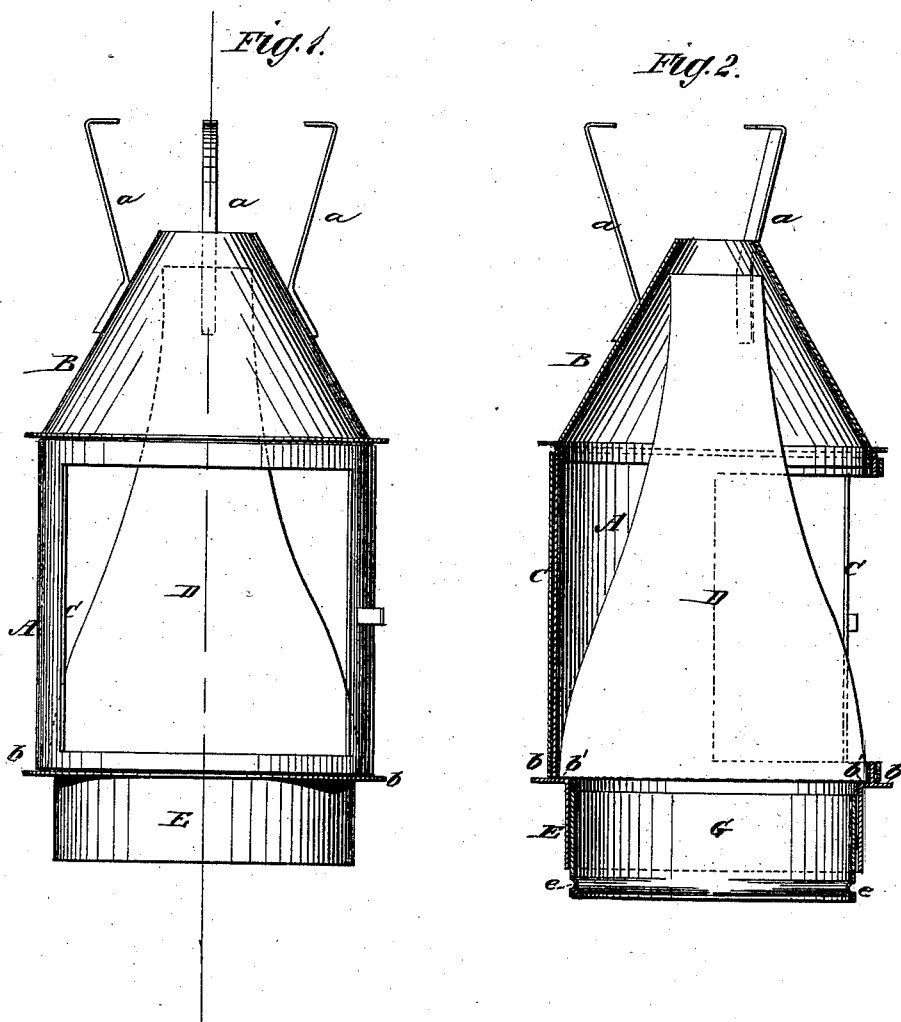


J. F. ROSE.
Night-Chimneys for Lamps, &c.

No. 199,578.

Patented Jan. 22, 1878.



WITNESSES:

Francis M. Ordle,
J. Scarborough.

INVENTOR:

J. F. Rose.
BY *Mumford*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOSEPH F. ROSE, OF TIVERTON, RHODE ISLAND, ASSIGNOR, BY MESNE ASSIGNMENT, TO HIMSELF AND BENJAMIN A. GRAY, OF SAME PLACE.

IMPROVEMENT IN NIGHT-CHIMNEYS FOR LAMPS, &c.

Specification forming part of Letters Patent No. **199,578**, dated January 22, 1878; application filed July 9, 1877.

To all whom it may concern:

Be it known that I, JOSEPH F. ROSE, of Tiverton, in the county of Newport and State of Rhode Island, have invented a new and Improved Night-Chimney, of which the following is a specification:

This invention relates to what are denominated "night-chimneys;" and the nature of my invention consists in a cylindro-conical case containing a chimney, and constructed with an opening through its side and a circularly-movable slide for closing said opening, in combination with a cylindrical collar which is adapted to fit over or on a lamp-burner, as will be hereinafter explained.

In the annexed drawing, Figure 1 is a front view of the night-chimney. Fig. 2 is a diametrical section through the chimney.

Similar letters of reference indicate corresponding parts.

The letter A represents the cylindrical body of the lantern, which may be of any required diameter and length; and B is a removable conical cap, which has secured to it three or more arms, *a*, that afford supports for a vessel, where it is desired to warm a fluid. Surrounding the cylinder A, and resting upon a flange, *b*, is a slide, C, having an opening through it corresponding in size and shape to an opening through the cylinder.

By turning the slide C, more or less light

can be obtained; or the light may be entirely cut off.

Inside of the cylinder A is a transparent chimney, D, the base of which rests upon the annular flange *b'*, formed at the upper end of a cylindrical collar, E, which is secured to the bottom of the cylinder A. This collar is designed to fit over the burners of some kinds of lamps, and to secure the lantern to the lamp.

Lamps the chimneys of which are secured to their burners by lips and screws require a collar, G, with an annular groove, *e*, in its lower end. Such a collar is represented in Fig. 2 inserted into the collar E, and may be removed therefrom at pleasure.

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

1. A night-chimney composed of a cylinder, A, circular slide C, removable cone B, chimney D, and collar E, combined and arranged substantially as described.

2. The combination of the removable grooved collar G and the permanently-fixed collar E with the body of the night-chimney, substantially as described.

JOSEPH F. ROSE.

Witnesses:

EDWARD SMITH,
CHARLES H. ROSE.