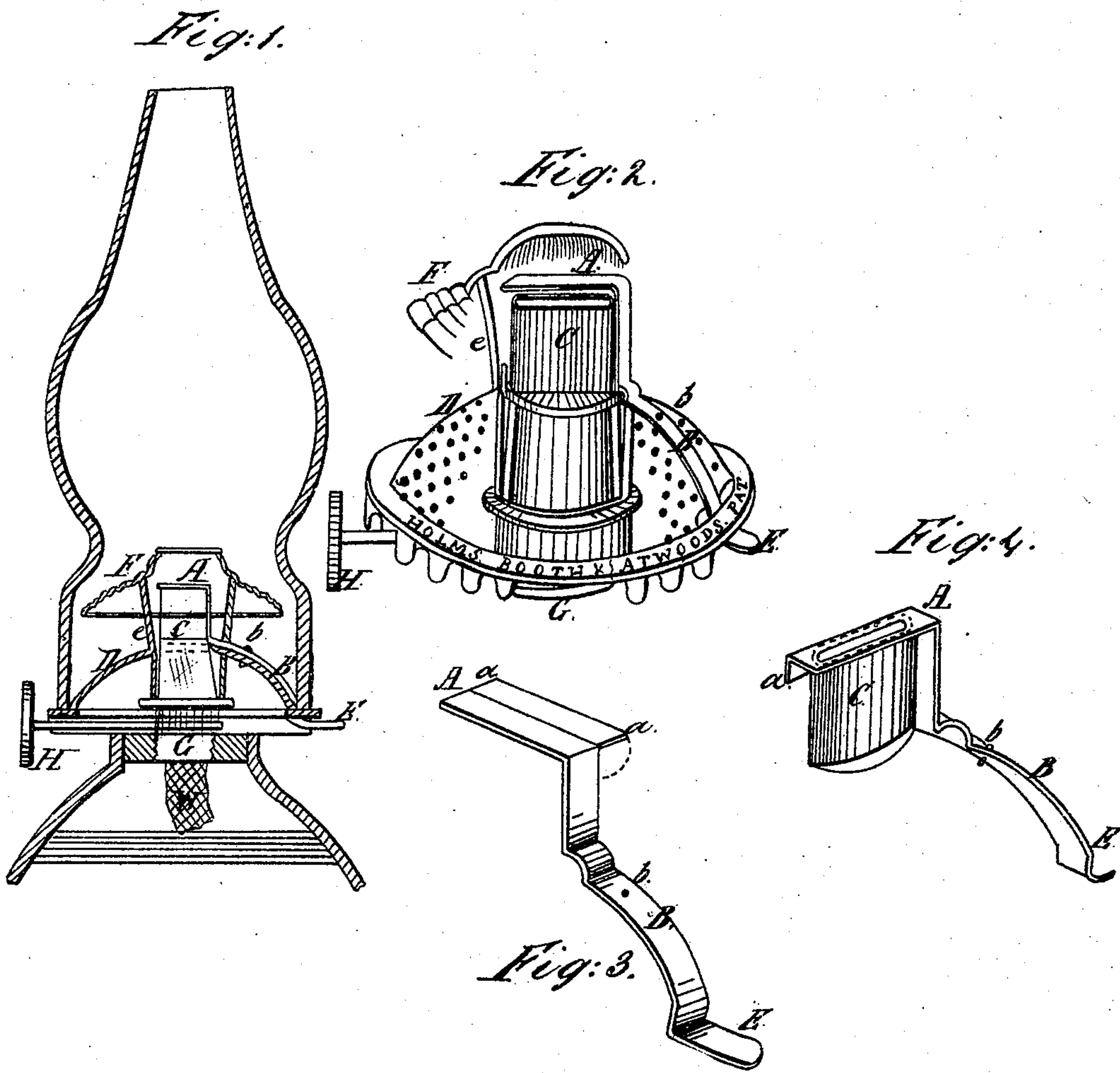


Lamp Extinguisher.

No. 98,083.

Patented Dec. 21, 1869.



Witnesses.

Wm B. Niles
Jacob Stauffer.

Inventor:
J. K. Mentzer

United States Patent Office.

JACOB K. MENTZER, OF NEW HOLLAND, PENNSYLVANIA.

Letters Patent No. 98,083, dated December 21, 1869.

LAMP.

The Schedule referred to in these Letters Patent and making part of the same

I, JACOB K. MENTZER, of New Holland, in the county of Lancaster, and State of Pennsylvania, have invented a certain Improvement on Lamps, of which the following is a specification.

The nature of my invention consists in the application of a single metallic piece, moving on a pivot, for the purpose of extinguishing a lamp when the wick is turned down, by simply touching the projecting foot, and pushing it to one side, which brings its upper end directly over the burner, and not only extinguishes the lamp effectually, but cuts off the smoke, and prevents the evaporation of oil, and the unpleasant smell produced when extinguished by blowing out, as well as preventing all liability to explosion that may be induced by such blowing out, and for which purposes numerous complicated devices have been patented.

Figure 1 is a section of a lamp-chimney and burner, illustrating my simple extinguisher as applied to a sun burner, or patent No. 40,226, as made by the manufacturing company of Holmes, Booth & Atwood, re-issue No. 3,019, June 30, 1868.

Figure 2, a perspective view of certain portions of the same.

Figure 3 shows the strip of brass or other metal forming the extinguisher.

A, the covering-plate.

a, the part to be bent down at right angles, as indicated by the dotted lines, as shown by Figure 4, the stem B, in this case, bent so as to adapt it to the convex perforated chimney-holder D, and is movable on a pivot, b, secured through one of the perforations in the dome or support D.

The lower end of the extinguisher is passed through an elongated slot (in which it can be moved) inside the

chimney, and turned to the outside below the supporting-flange of the chimney, as shown by E.

This constitutes the whole device; a single strip, moved on a pivot, so curved as to adapt it to the contour of the burner or cap to which it may be applied.

This simple device is found to be as effectual as can be desired, easily applied, without expense worthy of notice, out of the way, and a slight movement will cover or uncover the burner.

I am aware that lamp-extinguishers are not new, as I find eight patents granted in 1867, in which cams, cranks, and other complicated devices are employed, too expensive for general adoption; as, also, two flat plates, with springs, that, by thumb-pieces, will meet over the burner by a pressure.

I am also aware, that in patent No. 65,696, a strip of metal, bent to fit the cone, is hinged on two sides, so as to swing up and cover the flame-slot, all of which I disclaim; but my device operates under the cone or flame-slot, directly over the burner, (where it should be, to perform its office properly.)

I am not aware that an extinguisher, made of a single piece, and held by a single pivot, was ever before known or used in direct contact with the orifice of the burner or otherwise. Therefore,

What I claim, is—

A lamp-extinguisher, A B E, affixed by a pivot, b, and operated so as to cover the top of the burner c, in the manner and for the purpose specified.

J. K. MENTZER.

Witnesses:

WM. B. WILEY,
JACOB STAUFFER.