

P. BAKER.  
Lamp-Chimney Holder.

No. 102,355.

Patented April 26, 1870.

FIG. 1

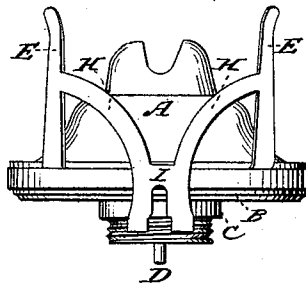
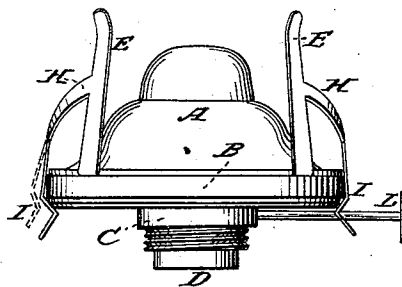


FIG. 2



WITNESSES:

*J. H. Shumway*  
*A. J. Tibbits*

INVENTOR:

*Philander Baker*  
By Attorney  
*John E. Earle*

# United States Patent Office.

PHILANDER BAKER, OF CHICAGO, ILLINOIS.

Letters Patent No. 102,355, dated April 26, 1870.

## IMPROVEMENT IN LAMP-BURNERS.

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

*To all whom it may concern :*

Be it known that I, PHILANDER BAKER, of Chicago, in the county of Cook and State of Illinois, have invented a new Improvement in Lamp-Burners; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a side view, and in

Figure 2, a side view of the same turned one-fourth around from fig. 1.

This invention relates to an improvement in that class of burners in which the chimney is secured to the base of the deflector by four vertical springs, the object being the construction of the burner so that the deflector and chimney may, together or separately, be removed from the burner, and yet so that the chimney may be easily removed from the deflector, and the invention consists in uniting two springs upon one side and two springs upon the other side, each two by a connection which, while it strengthens the vertical spring, forms a latch by which to secure the deflector to the base.

A is the deflector, extending out the size of the base B, the said base formed or attached to a neck, C,

and constructed so as to be applied to the lamp, and fitted with a wick-tube, D, in the usual manner.

From the said deflector extend two pairs of springs, E and F, each pair connected by branches H H of an auxiliary spring, the said branches united at I, and bent so as to latch under the base of the burner, as denoted in fig. 2, and slotted so as to set over the adjusting-spindle L. The chimney sets within the vertical springs E and F onto the deflector, in the usual manner.

By raising one of the springs, as denoted in broken lines, fig. 2, the deflector and chimney may, together, be removed from the base, but otherwise may be securely held in position. The pressure of the springs upon the chimney is sufficient to hold the chimney in position, and yet so that the chimney may be brought from the embrace of the springs without removing the deflector.

I claim as my invention—

In combination with the deflector A, the spring E or F, attached thereto, and branch H of an auxiliary spring, the said auxiliary spring serving to connect the deflector and chimney to the base, substantially in the manner described.

Witnesses:

PHILANDER BAKER.

A. J. TIBBITS,

J. H. SHUMWAY.