

H. COULTER.
Chimney Holder.

No. 76,716.

Patented April 14, 1868.

Fig. 1.

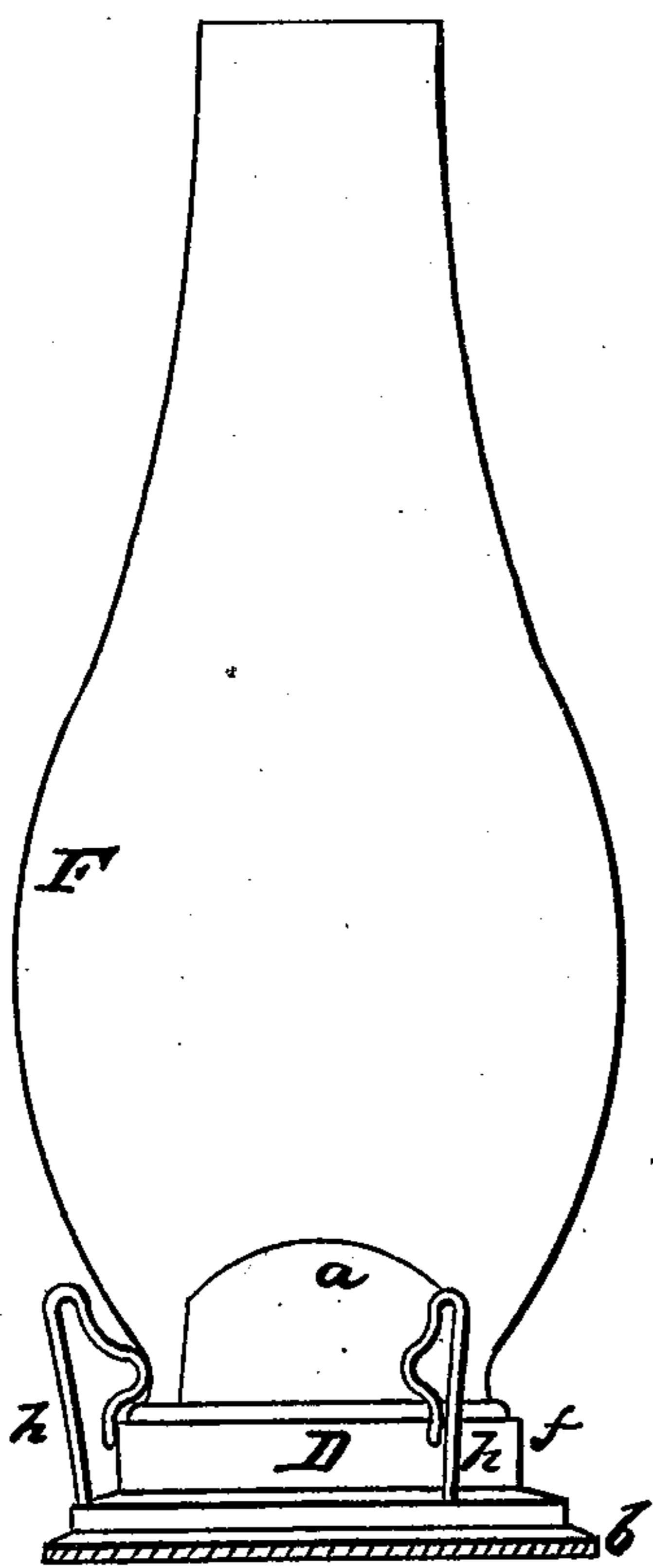


Fig. 2.

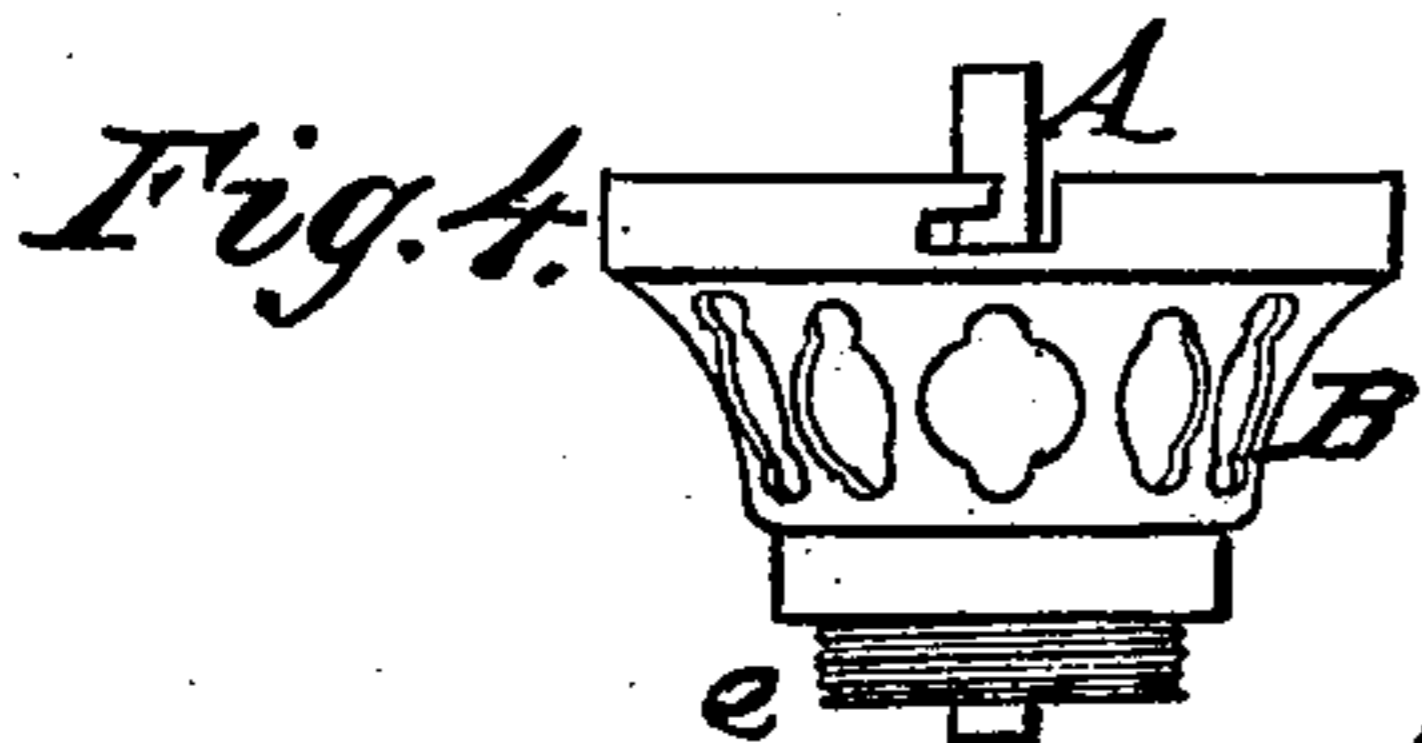
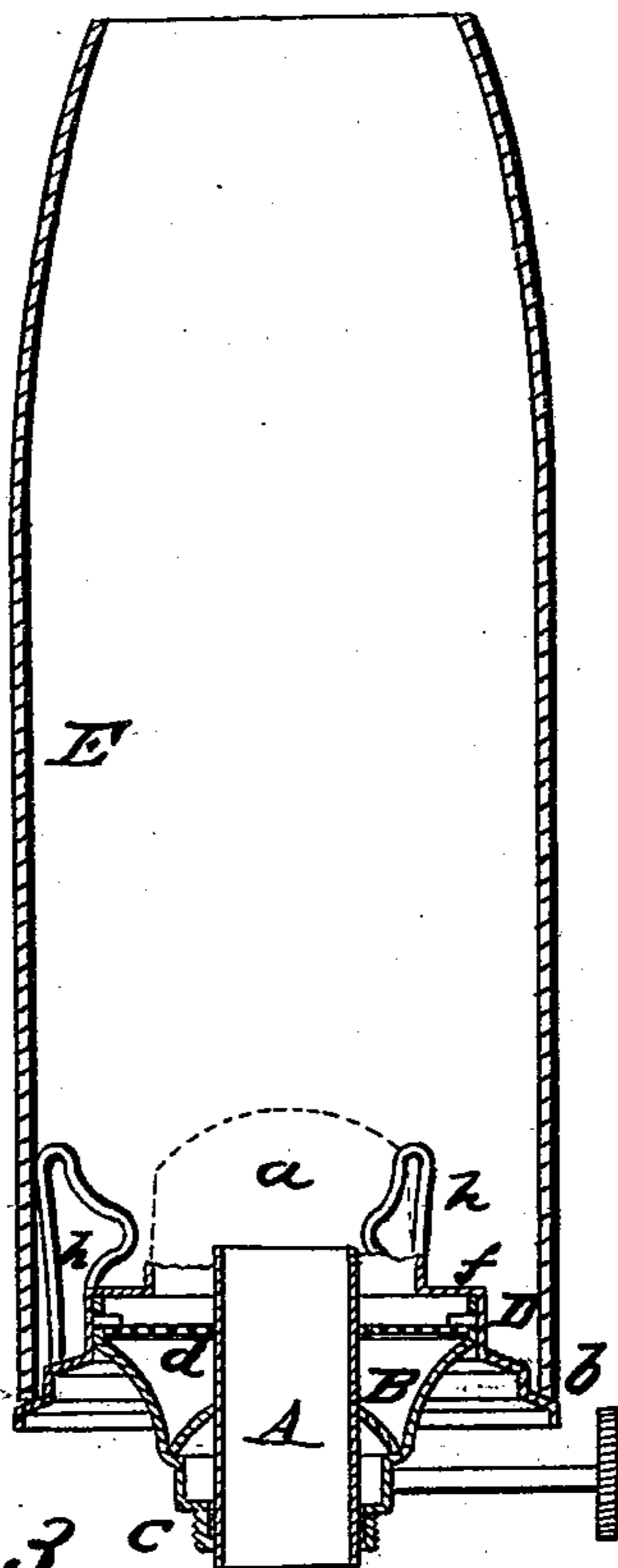
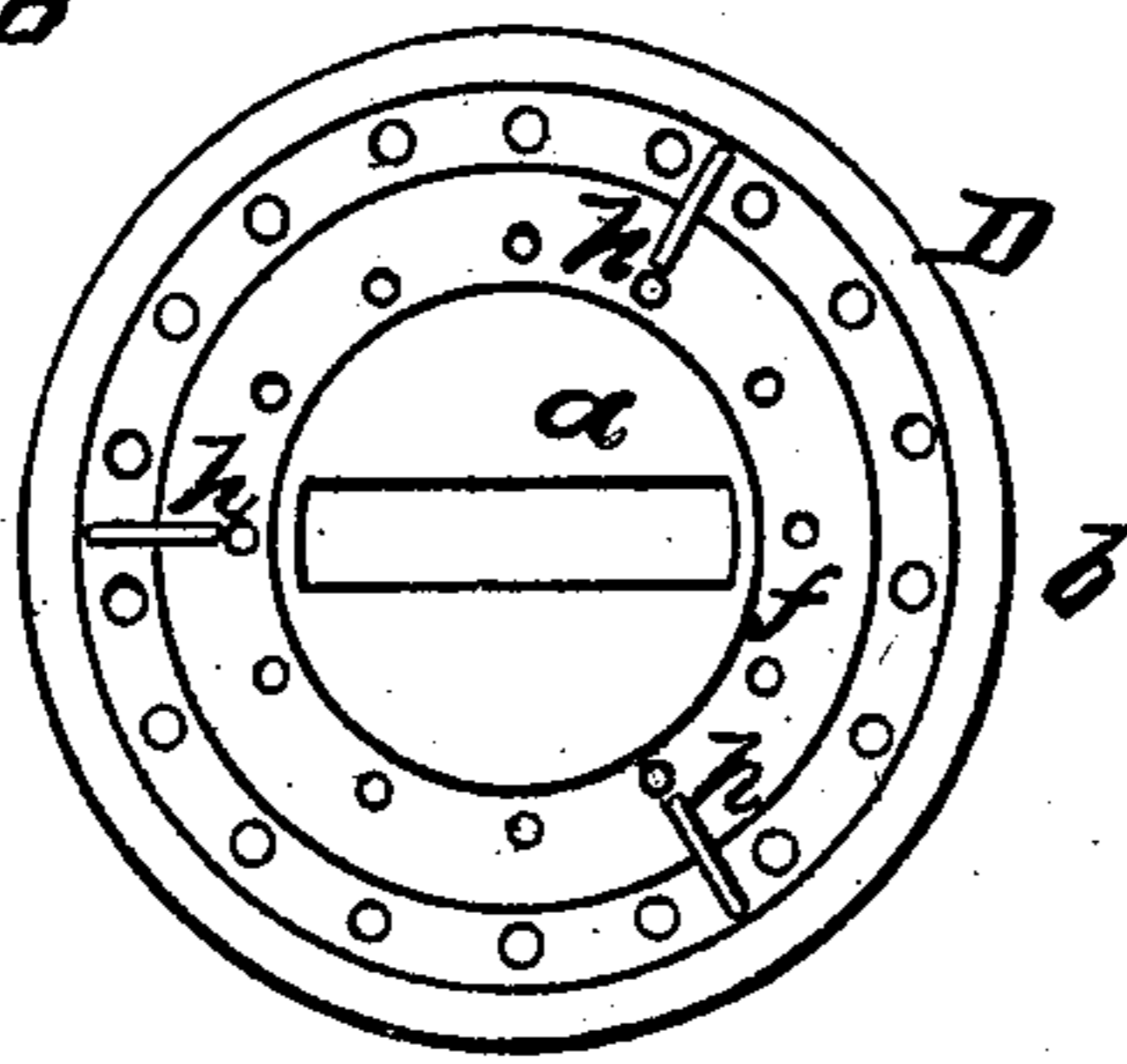


Fig. 3.



Witnesses:

Wm. Albert Steel
Wm. Boltham

Inventor:

H. Coulter
By his Atty
J. H. Brown

United States Patent Office.

HENRY COULTER, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 76,716, dated April 14, 1868.

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, HENRY COULTER, of Philadelphia, county of Philadelphia, State of Pennsylvania, have invented an Improvement in Holders for Lamp-Chimneys; and I do hereby declare the following to be a full, clear, and exact description of the same.

My invention consists of a lamp-chimney holder, having springs, constructed and arranged as fully described hereafter, so that they will retain upon the holder either a swelled or cylindrical chimney.

In order to enable others skilled in the art to make and use my invention, I will now proceed to describe its construction and operation, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1 is a side view of my improved chimney-holder for lamps,

Figure 2 the same partly in section,

Figure 3 a plan view, and

Figure 4 a detached view of part of the burner.

Similar letters refer to similar parts throughout the several views.

A is the usual wick-tube, contained in and secured to the perforated casing B, the latter having at its lower end the usual screw-projection, *e*, for attachment to the reservoir, and near its upper end a partition, *d*, of perforated plate or wire gauze:

D is the circular chimney-holder, and forms a part of the dome *a*, which has the usual elongated opening, the casing B being so secured to this holder as to be readily detached therefrom. Two ledges, *b* and *f*, are formed on this holder, the lower and outer ledge, *b*, for receiving the lower end of a cylindrical chimney, E, fig. 2, and the upper and inner ledge, *f*, for receiving the lower flanged end of the swelled chimney, F, fig. 1.

Three wire springs, *h h h*, are secured to the holder D, and are so bent that their upper ends will bear against the inside of the cylindrical chimney, when the latter rests on the ledge *b*, as seen in fig. 2, and so that they will overlap the flange of the swelled chimney, when the latter has been adjusted to the ledge *f* of the holder, as seen in fig. 1, the springs thus serving to hold either style of chimney, whichever it may be desired to use.

There are perforations in the holder between the two ledges, and other perforations in the ledge *f*, so that, whichever style of chimney be used, a plentiful supply of air can gain access to it from below.

I do not desire to claim, in this application, a holder having ledges for receiving different chimneys; but

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

Springs *h h h*, so constructed and connected to a lamp-chimney holder as to retain upon the same either a swelled or a cylindrical chimney, as specified.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

H. COULTER.

Witnesses:

JOHN WHITE,

C. B. PRICE.