

(No Model.)

W. SOMERVILLE.
LAMP SHADE HOLDER.

No. 286,237.

Patented Oct. 9, 1883.

Fig. 1.

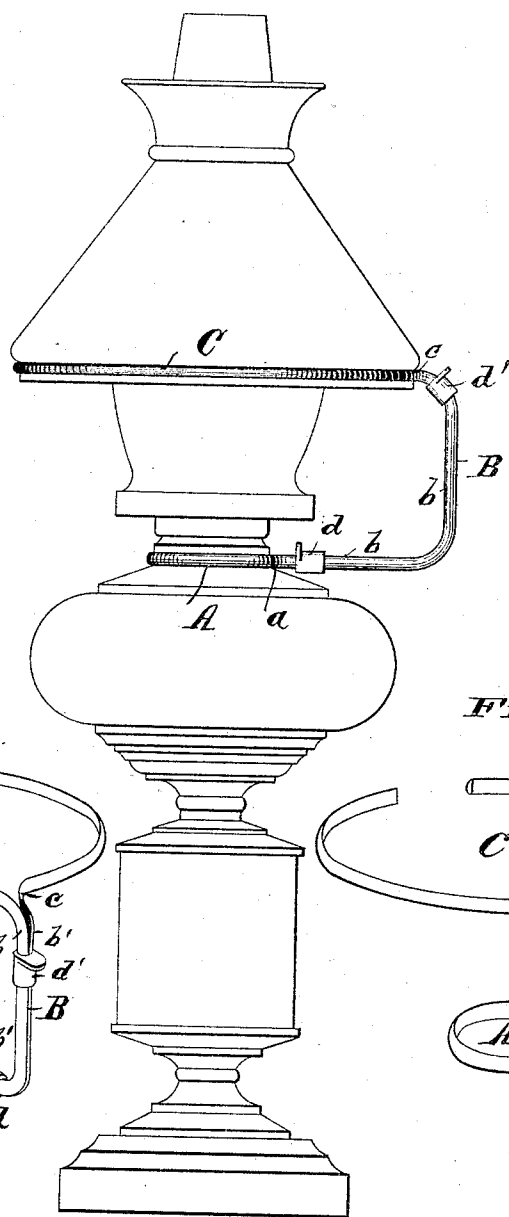


Fig. 2.

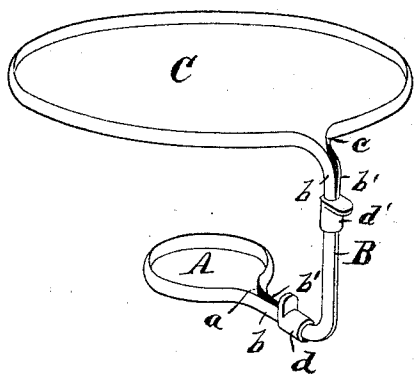
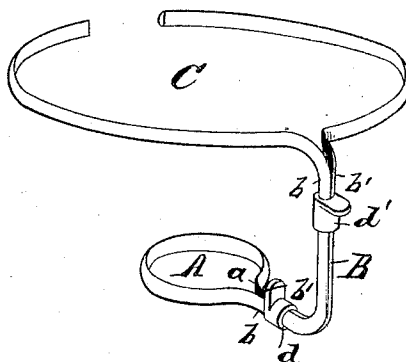


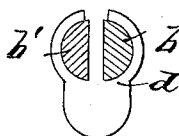
Fig. 3.



Attest:

Charles Pickles
John W. Herthel

Fig. 4.



Inventor:
William Somerville
per
Herthel & Co
Attys

UNITED STATES PATENT OFFICE.

WILLIAM SOMERVILLE, OF ST. LOUIS, MISSOURI.

LAMP-SHADE HOLDER.

SPECIFICATION forming part of Letters Patent No. 286,237, dated October 9, 1883.

Application filed January 8, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM SOMERVILLE, a citizen of the United States, residing at St. Louis, and State of Missouri, have invented a new and useful Improved Lamp-Shade Holder, of which the following is a specification.

My invention relates to improvements in shade and globe holders for lamp, gas, or other burners for illuminating purposes; and the objects of my improvements are, first, to provide a holder which affords facilities to suit it for different sizes of collars or burners, as well as for different sizes of shades, globes, protectors, &c.; secondly, to provide a holder that shall reduce the obstruction to the rays of the light to a minimum; and, thirdly, to provide a holder that shall possess the advantages of being economical, time and labor saving in every respect. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 represents my improved holder as it appears when applied to and used in conjunction with an ordinary lamp or lamp-burner and lamp-shade. Fig. 2 is a perspective view of the holder itself. Fig. 3 is a similar perspective view of the holder, but representing a modification thereof, in that its upper loop or rim can be made an open one instead of a continuous one, as shown in Fig. 2. Fig. 4 is a detail cross-section on line of one of the slides.

Similar letters of reference refer to similar parts throughout the several views.

My improved holder consists, essentially, of three essential parts—the lower circular opening, loop, or rim, A, the arm B, and the upper opening, loop, or rim, C, all made of one continuous piece of wire, in the manner indicated in Figs. 1, 2, 3. The loop or rim A is to adapt the holder to fit round the collar or burner of a lamp, &c. The arm B is the only support projecting from the burner laterally and extending upward to bring the upper loop or rim, C, in proper position to support the shade. In the upper loop or rim, C, the shade, globe, &c., is placed and retained in position, as indicated in Fig. 1.

The device or holder having the said essential three parts is composed of one continuous piece of brass wire or metal bent so as to form the lower loop or circular rim, A. This

brings both ends of the wire together at *a*. At the point *a* (see Figs. 1, 2, 3) it will be noted that the brass wire divides into and forms two like halves or semi-sections, *b b'*, and these are made to extend laterally alongside of each other, as shown. Then the said two semi-sections of wire are bent upward, still extending alongside of each other in a vertical direction to a point, *c*, from which point the two ends of the wire are bent to form the upper loop or rim, C. At *d* and *d'* are slides or sleeves capable of being moved along the arm B, the function of the lower sleeve, *d*, being to enlarge or make smaller the lower rim, A, to suit the different sizes of collars or burners, &c. Thus by sliding the sleeve *d* nearer to or farther away from the point or junction *a*, the two semi-sections *b b'* of wire are brought closer together or farther apart, as the case may be, enlarging or making smaller the diameter of the lower loop or rim, A. In a similar manner the upper loop or rim, C, can be increased or diminished in size by sliding the upper slide or sleeve, *d'*, along the arm B. Thus, also, is said upper loop or rim made capable to support and retain different sizes of shades, globes, &c.

The device or holder so made is very simple, cheap, neat, and effective, especially as it presents but one arm, whereby the obstruction to the rays of light is reduced to the minimum; also, being interchangeable, it is of universal adaptability for the purposes intended, requiring but two sizes to fit or attach to nearly all ordinary lamps.

What I claim is—

In combination with a lamp-shade holder composed of one continuous piece of wire bent to form the lower loop, A, both ends being brought together at *a*, and extending in like halves laterally and upwardly, as shown and described, to a point, *c*, from which point the wire is further bent into the upper rim or loop, C, the respective slides or sleeves *d d'*, to operate substantially in the manner and for the purposes set forth.

In testimony of said invention I have hereunto set my hand.

WILLIAM SOMERVILLE.

In presence of—

WILLIAM W. HERTHEL,
JOHN W. HERTHEL.