

G. W. HATCH.

Lamp-Shade Support.

No. 128,308.

Patented June 25, 1872.

Fig. 1.

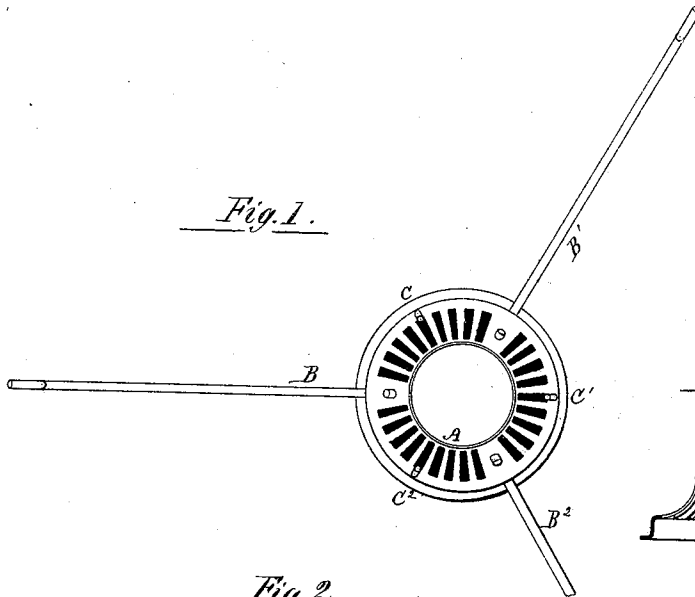


Fig. 3.

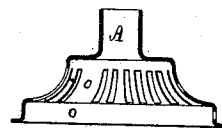


Fig. 2.

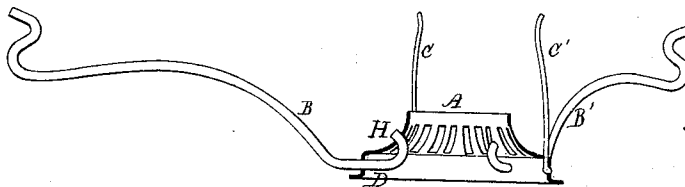


Fig. 4.

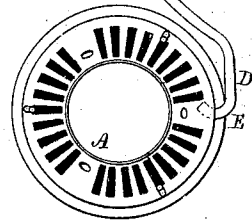
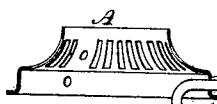


Fig. 5.



WITNESSES.

E. A. Eliot
W. C. Witter

INVENTOR.

George W. Hatch

UNITED STATES PATENT OFFICE

GEORGE W. HATCH, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN LAMP-SHADE SUPPORTERS.

Specification forming part of Letters Patent No. 128,308, dated June 25, 1872.

Specification describing certain Improvements in Lamp-Shades, &c., invented by GEORGE W. HATCH, of the city of Brooklyn, county of Kings and State of New York.

Nature and Object.

This invention pertains to that class of articles which serve to screen or protect the eyes from the glaring light of the lamp or gas-flame, and also often serves to deflect downward the light more directly than would occur without such shade or deflector; and it consists in providing suitable supports for holding such shade or deflector or both, as may be, and so combining them with a central ring that surrounds the burner, and upon which the chimney, when one is used, may rest, that, when desired, said supports or arms may be separated from the ring, and all packed in a more compact form for portability.

Drawing.

Figure 1 represents a plan of the supports and ring for an Argand burner in combination and complete for use; Fig. 2, a sectional view through the center of the ring and with two arms in proper position; Fig. 3, a sectional view of a ring adapted for a gas-burner. Fig. 4 is a plan of the under side of the ring, and shows one of the arms as in its first position of being combined with the ring or properly connected with it; Fig. 5, a sectional view of a ring for an Argand burner, with one of the arms turned down to the opposite of its proper position to show how it is further combined with the ring.

A represents the ring or base for the arms B B¹ B², which are combined together in such a manner as to be easily and quickly separated and packed in small compass for convenient handling. The ring A may be "struck up" of sheet-brass or other suitable metal and

perforated, as is commonly done and here shown, and thus serve as a base for a chimney when one is used, it being supported by the small vertical wires C C¹ C², shown at Fig. 2, which are attached to the ring A. The arms or supports B, B¹, and B² are formed of round wire and shaped as shown at B, Fig. 2, the outer end being curved upward to receive and retain the shade when placed upon it. The inner ends of said arms are shaped with a partially-straight part, as shown at D, Figs. 2, 4, and 5, and then terminating in a regular curve over and toward itself like a J. This inner end of each arm or support B, B¹, and B² is combined with the ring A by being introduced through a hole in the lower vertical band of the ring, as shown at E, Fig. 4; then the arm is turned down and shoved still further through, which gives the position seen at G, Fig. 5, from which it is turned half round, thereby turning up the hook at G, which is then placed in a second hole in the ring, as at H, Fig. 2.

There are two holes for each arm, and it is evident that more than three arms may be used, if desired, but three are usually quite sufficient. It is also evident that the ring or base A may be fitted for various kinds of burner, as Argand, gas, or various sorts of lamps, without departing from the nature of my invention—that of portability combined with that of marvelous cheapness.

I therefore claim—

As an article of manufacture, a lamp or gas-shade support having movable arms B B¹ B², in combination with a ring or base, as described, and for the purposes set forth.

GEORGE W. HATCH.

Witnesses:

E. N. ELIOT,
W. C. WITTER.