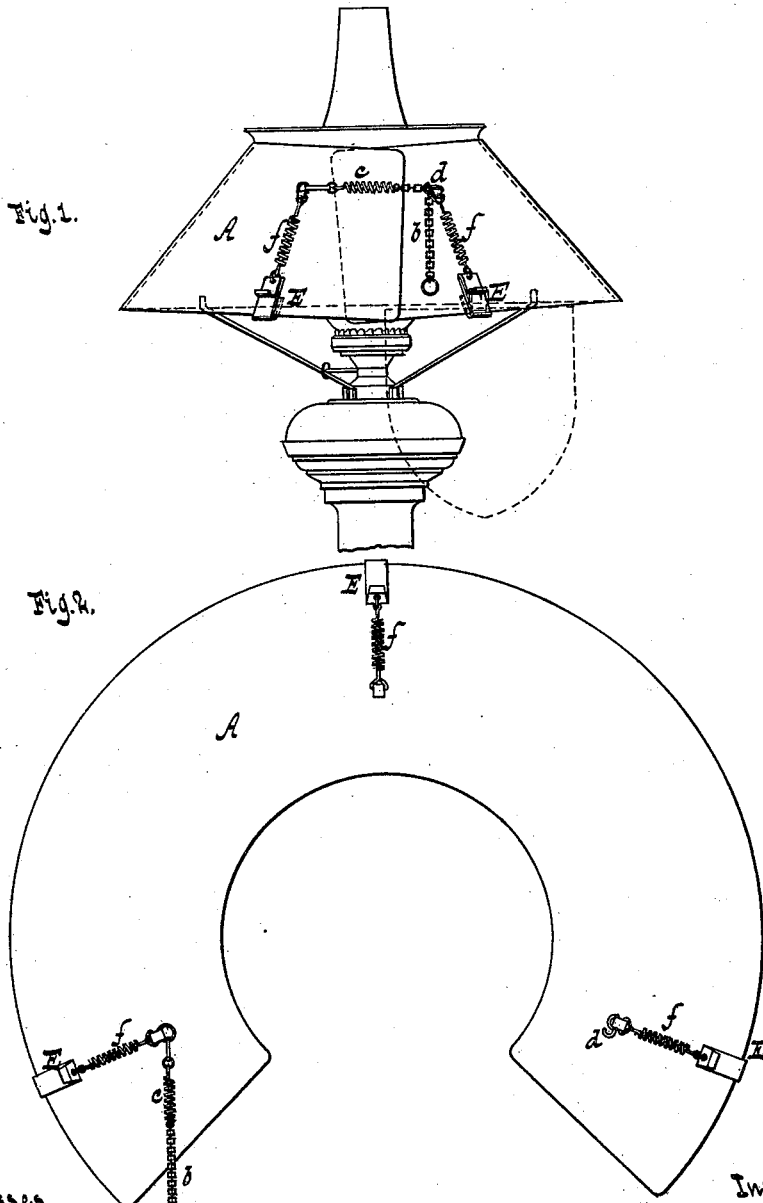


F. L. CUTTER.
Cover for Lamp-Shade.

No. 199,269.

Patented Jan. 15, 1878.



Witnesses.
Otto Shufel and
Hugo Benzgeman

Inventor.
Francis L. Cutter
by
Van Santwood & Hauff
his attorneys

UNITED STATES PATENT OFFICE.

FRANCIS L. CUTTER, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN COVERS FOR LAMP-SHADES.

Specification forming part of Letters Patent No. 199,269, dated January 15, 1878; application filed December 5, 1877.

To all whom it may concern:

Be it known that I, FRANCIS L. CUTTER, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Shade-Cover, which invention is fully set forth in the following specification, reference being had to the accompanying drawing, in which—

Figure 1 represents a side view of my cover applied to a lamp-shade, and Fig. 2 is a plan view thereof in its unfolded state.

Similar letters indicate corresponding parts.

My invention relates to a cover which is intended to be placed over the ordinary shade on a lamp or gas burner, when it is desirable to prevent the escape of light through the shade.

This invention consists of a shade-cover composed of a segmental strip of sheet metal or other opaque material, suitable fastening devices for uniting said strip at its opposite ends, and of spring hooks or clamps adapted to grasp or embrace the lower edge of said strip and the lower edge of the shade or frame to which the shade-cover is applied, as will be more fully hereinafter described.

In the drawing, the letter A designates an opaque segmental strip, preferably made of sheet metal, and forming the body of my cover. The opposite ends of this strip are united, in the example shown, by means of a chain, *b*, which is connected to the strip A, at a point near one end thereof, through a spiral spring, *c*, and is made to engage with a hook, *d*, attached to said strip near its other end. To divers portions of the strip A are connected hooks E, spiral springs *f* being used for effecting this connection, and these hooks are of such shape that they can be made to embrace or grasp both the lower edge of the strip A and the lower edge of the shade on which it is placed, as indicated in Fig. 1, or the frame which holds the shade.

The strip A is bent or folded round the shade, and its ends are united by the chain *b* and hook

d, said ends being, moreover, made to overlap each other, and the lower edge of the strip being allowed to rest on the arms of the bracket which supports the shade, when these arms project beyond the edge of the shade. The hooks E are then made to embrace the lower edges of the strip A and the shade or frame, as stated, when the strip is firmly held on the shade, and constitutes a cover, whereby the light of the lamp is thrown or deflected downward, and is effectually prevented from escaping through the shade. If desired, the strip A may be corrugated near the edge having the shortest curve, and which is uppermost when it is applied to a shade, so as to allow the heat of the shade to escape.

It will be seen that the strip A can readily be adjusted to suit the angle or shape of the lamp-shade to which it is applied, and hence the strip can be very snugly fitted on shades of various forms; and, by arranging the ends of said strip to overlap, it is rendered applicable also to shades of various sizes.

In some cases one or more of the hooks E is provided with a branch to support a screen, as shown in dotted lines in Fig. 1.

What I claim as new, and desire to secure by Letters Patent, is—

A shade-cover composed of a segmental strip of sheet metal or other opaque material, suitable fastening devices for uniting said strip at its opposite ends, and of spring hooks or clamps adapted to grasp or embrace the lower edge of said strip and the lower edge of the shade or frame to which the whole is applied, substantially as and for the purpose described.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 3d day of December, 1877.

FRANCIS L. CUTTER. [L. S.]

Witnesses:

W. HAUFF,
CHAS. WAHLERS.