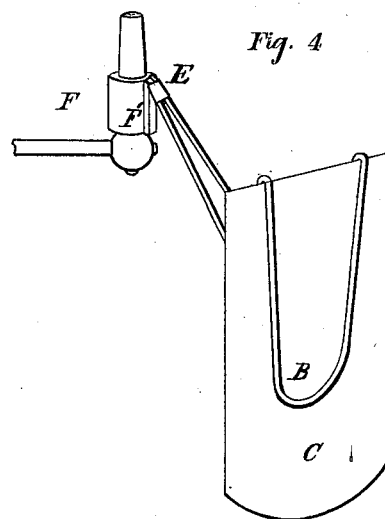
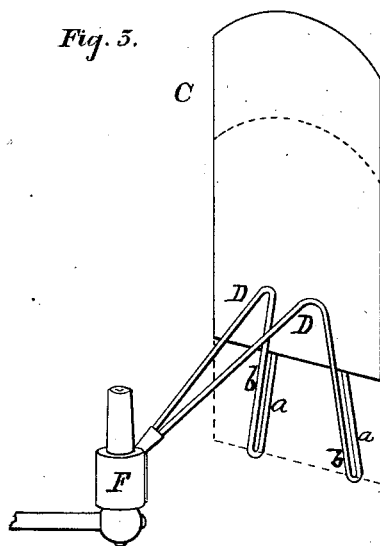
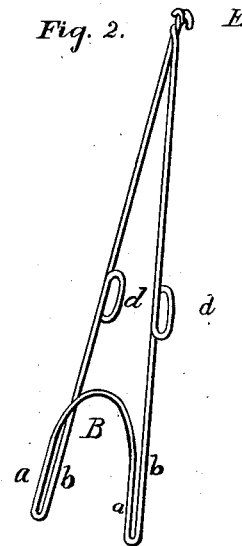
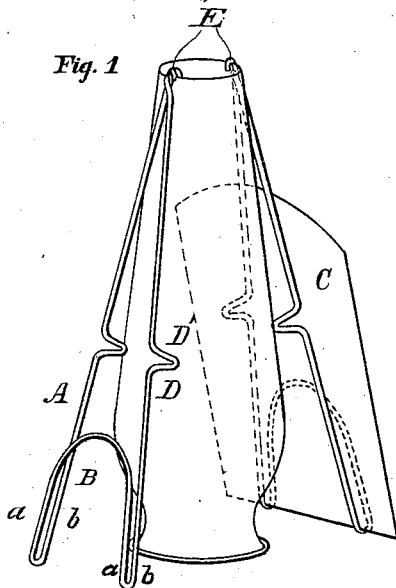


P. K. GUILD.
Lamp-Shade.

No. 215,816.

Patented May 27, 1879.



Attest.

Harry M. Low.
John S. Barker

Inventor:

Phineas K. Guild
by H. H. Bliss
att'y

UNITED STATES PATENT OFFICE.

PHINEAS K. GUILD, OF SANTA BARBARA, CALIFORNIA.

IMPROVEMENT IN LAMP-SHADES.

Specification forming part of Letters Patent No. **215,816**, dated May 27, 1879; application filed March 27, 1879.

To all whom it may concern:

Be it known that I, PHINEAS K. GUILD, of Santa Barbara, in the county of Santa Barbara and State of California, have invented certain new and useful Improvements in Shades for Lamps and Gas-Burners; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in shades for lamps and gas-burners.

Its object is to provide a shade, which shall be cheaper and simpler in construction than those now in use; and it consists in combining with a removable shade a piece of wire, which, at proper points, is bent to form a spring-clamp, a brace to hold the shade a suitable distance away from the flame, and a device to support the entire holder, the whole being arranged to permit the instant removal of the shade-piece from the holder, and to permit its being vertically and laterally adjusted.

Figures 1 and 2 illustrate the device as adapted for use upon an ordinary lamp.

A represents a piece of wire made of brass or other suitable material. It is bent at the center to form a U-shaped part, B, which brings the ends of the wire together. The legs *a a* of the wire are then bent around, as shown at *b b*, so as to be close to the U-shaped part B.

The part B forms a spring-clamp adapted to hold the shade-piece C firmly against the legs *b b*. This clamp is long enough to not only hold the shade, but also to permit the necessary vertical adjustment of the same relatively to the flame.

A brace or support to hold the shade a suitable distance away from the flame is formed by bending each leg of the holder to make an offset of any desired size between the points where the shade-holder and the shade-piece C are respectively supported.

In Fig. 1 the leg is bent downward and in-

ward, as shown at D, then outward and upward, as at D'.

In Fig. 2 the wire is bent into complete loops, as shown at *d d*.

In Figs. 3 and 4 I have shown the device as adapted for use with an ordinary gas-burner. The clamp B is similar in construction and operation to that already described in Fig. 1.

The shade is held away from the flame by bending the wire inward and downward at D in a manner similar to that in Fig. 1; but in this case the legs are not bent back as at D', Fig. 1.

In both constructions (that shown in Fig. 1 and that shown in Fig. 4) a support for the shade-holder is formed by bending the ends of the wire at E in such manner as to adapt them to engage with some fixed part of the lamp or burner.

When used with a lamp the bent part E is hooked upon the top of the chimney.

When it is used with a gas-burner it is held by means of a collar, F, fitting the burner, to which collar the bent ends E are secured by a socket, F', wherein they are inserted and may be soldered, if desired.

In order to furnish a greater degree of vertical adjustment, the holder is constructed so as to be reversible, as shown in Fig. 4.

If two of the shades and holders be combined with a lamp and situated at opposite points, one operates as a shade, and the other as a reflector to throw the light down below the part that is used as a shade, as is shown in Fig. 1.

I am aware that shade-holders have been constructed of wire bent so as to form a loop at the center adapted to fit around the chimney of a lamp; also, that others have been constructed of two or more pieces of wire, one of which serves as a support and another as a clamp; and, also, that others have been stamped from sheet metal in such manner as to be formed with a clamp, an offset, and a support, and I do not wish to be understood as claiming such constructions as my invention.

What I claim is—

A lamp-shade holder formed of a single piece of wire bent at the ends to form a support, bent between the ends and the center to form an offset, and bent at the center to form a spring-clamp, consisting of the part B *b b*, turned back upon the legs *a a*, substantially as set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

PHINEAS K. GUILD.

Witnesses:

E. B. HULL,

NELSON W. WINTON.