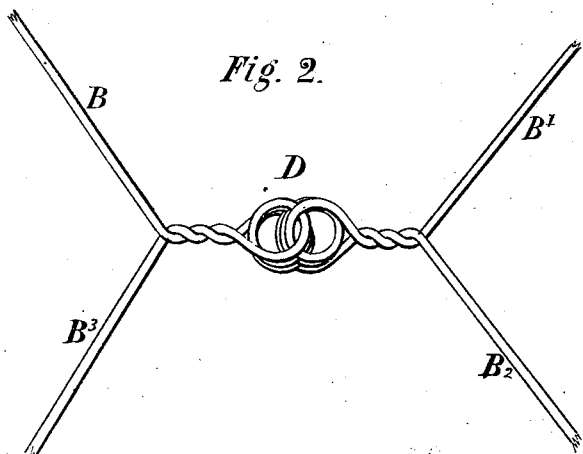
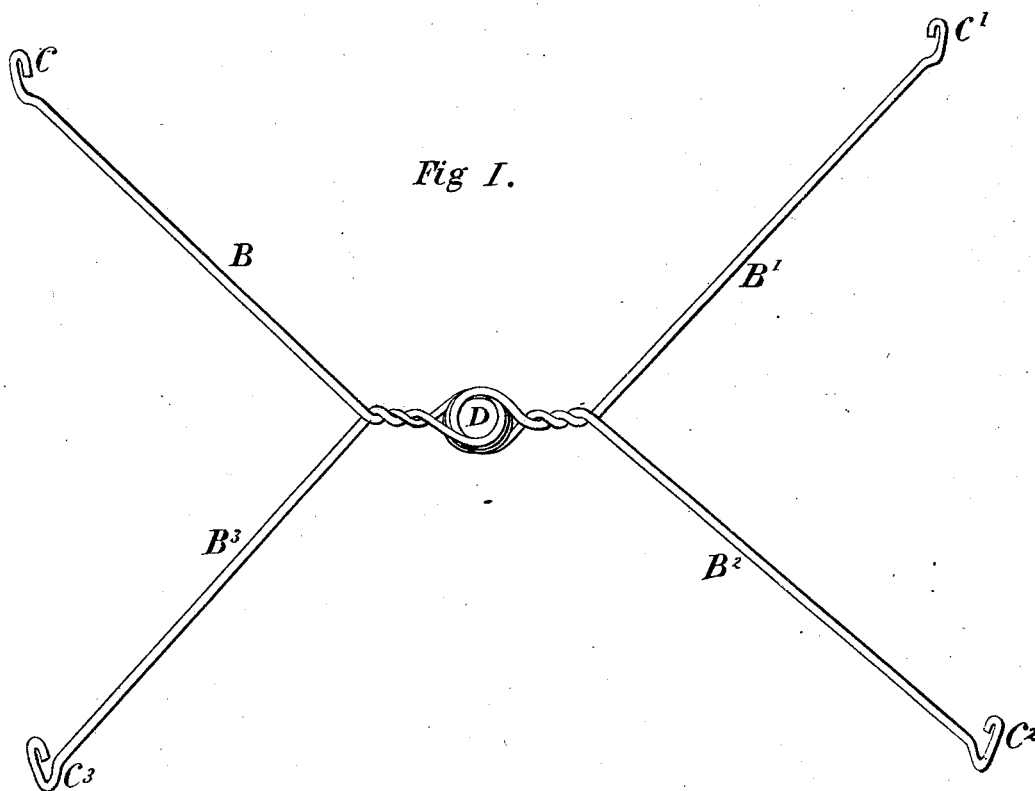


W. P. DODSON & W. S. MACQUEEN.

GAS SHADE HOLDER.

No. 180,119.

Patented July 25, 1876.



WITNESSES:

Adolph Daut,
Charles Lewis

INVENTORS:

Wilson P. Dodson,
Wm S. Macqueen.

UNITED STATES PATENT OFFICE.

WILSON P. DODSON AND WILLIAM S. MACQUEEN, OF PHILADELPHIA, PA.

IMPROVEMENT IN GAS-SHADE HOLDERS.

Specification forming part of Letters Patent No. **180,119**, dated July 25, 1876; application filed December 8, 1875.

To all whom it may concern:

Be it known that we, WILSON P. DODSON and WILLIAM S. MACQUEEN, of the city and county of Philadelphia, and State of Pennsylvania, have invented a certain Improvement in Gas-Shade Holders, of which the following is a specification:

Our improvement relates to an improvement in gas-shade holders, said holder being made entirely of wire; and consists in winding it so as to form a straight or tapering socket, and provided with four arms, said arms being twisted at or near the socket, binding them together firmly, having their outer ends furnished with hooks or notches, so as to hold the shade in its place. The socket is constructed in such a way that it will fit snugly on any ordinary burner now in use, and is so arranged that the more strain the tighter it will hold; also, it can be folded up in a small compass, making it very convenient for shipping, and by moving the arms either backward or forward it will tighten or loosen on the shade, as may be desired. This holder can also be used for lamp-shades.

All dealers in, and persons using, gas-shade holders, have long felt the want of an im-

proved holder. Those now in use are so constructed that they will not hug tight on but one sized burner, and, being provided with but three arms, they are liable to tip, and they are all more or less frail. Being put together with solder, as soon as the socket gets hot they will go to pieces. Ours, being wound in such a manner that the parts are all firmly locked together, and using no solder, with any ordinary care will last for any length of time.

Figure 1 is a plan view of our improvement in gas-shade holders. Fig. 2 is a plan of the same, showing the locked part projecting.

We claim as our invention—

The combination of the socket D, provided with arms B, B¹, B², and B³, said arms being provided with hooks or notches C, C¹, C², and C³ at their outer ends, substantially in the manner and for the purpose herein shown and described.

WILSON P. DODSON.
WM. S. MACQUEEN.

Witnesses:

N. D. ROBERTS,
CHARLES LEWIS.