

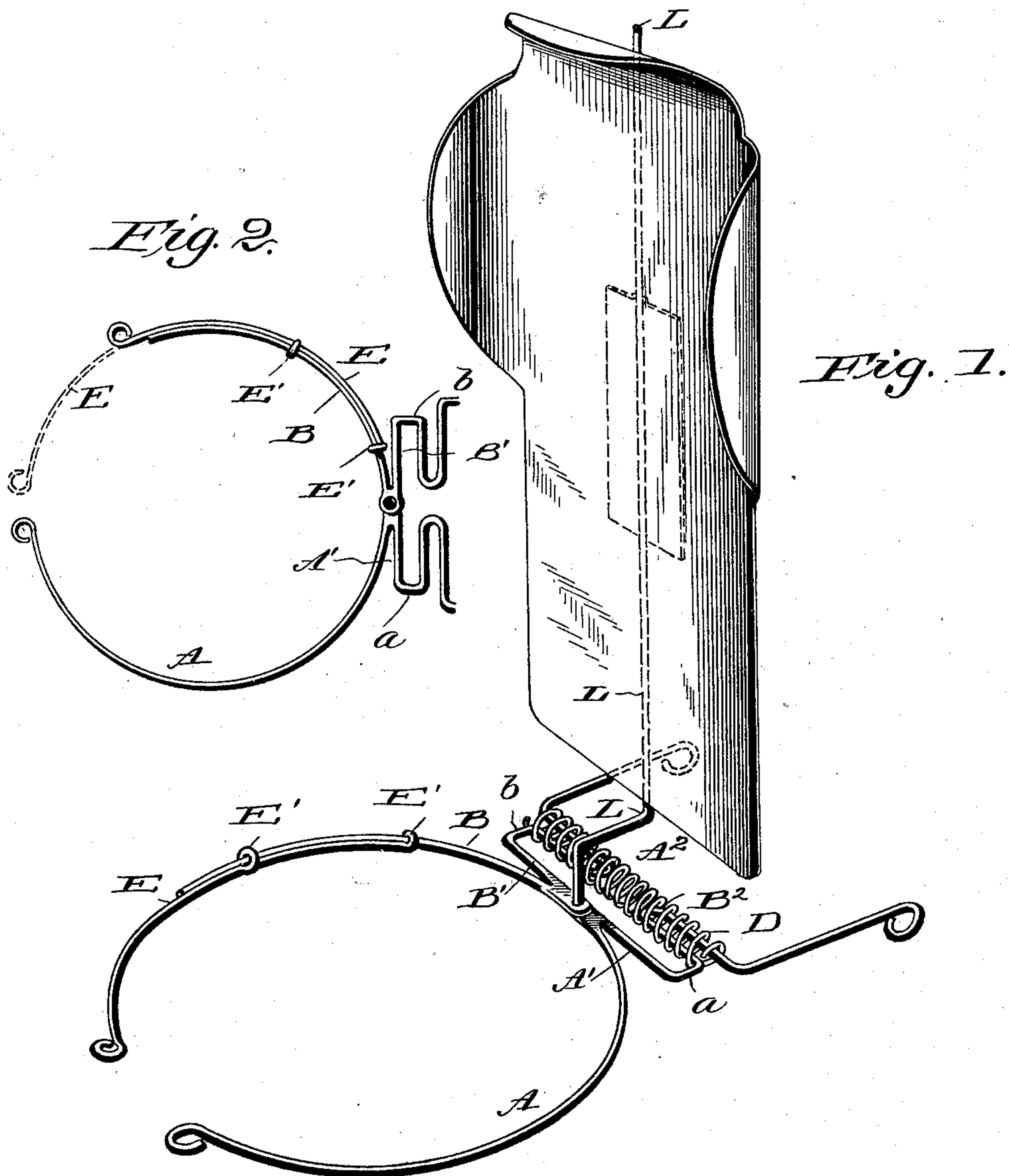
No. 609,004.

Patented Aug. 16, 1898.

G. B. BLOOD.
REFLECTOR HOLDER.

(Application filed Feb. 16, 1898.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE BRADLEY BLOOD, OF PITTSBURG, PENNSYLVANIA.

REFLECTOR-HOLDER.

SPECIFICATION forming part of Letters Patent No. 609,004, dated August 16, 1898.

Application filed February 16, 1898. Serial No. 670,498. (No model.)

To all whom it may concern:

Be it known that I, GEORGE BRADLEY BLOOD, a citizen of the United States, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Reflector-Holders; and I do declare the following to be a full, clear, and exact description of the invention, such as 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 the letters of reference marked thereon, which form a part of this specification.

My invention relates to certain new and useful improvements in reflector-holders for lamps, and especially to the provision of a pair of spring-actuated clamps which carry the reflector, the said arm being adapted to engage about the chimney or burner of the lamp; a curved sliding wire being provided, which is mounted on one of the arms and adapted to encircle and hold the clamping device securely to the burner.

To these ends and to such others as the invention may pertain the same consists, further, in the novel construction, combination, and adaptation of parts, as will be hereinafter more fully described, and then specifically defined in the appended claims.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this application, and in which drawings similar letters indicate like parts throughout the several views, in which—

Figure 1 is a perspective view showing the manner of attachment of the reflector-holder to a lamp. Fig. 2 is an enlarged detail view showing the construction of the clamping-arms and the sliding rod mounted on one of the same.

Reference now being had to the details of the drawings by letter, A designates the curved arm which forms one of the clamping members, which is pivoted to the arm B, also curved, and each of the said arms near its pivotal point is bent outward, as seen at A' and B', the two portions thus disposed being preferably in alinement, and at a and b the sections of wire forming the clamping-arms are bent inward upon themselves and thence outward upon themselves at A' and

B', forming the lugs or extensions A² and B², over which a coiled spring D engages to normally hold the clamping-arms closed. The ends of each section forming the clamping-arms, after being bent to form lugs over which the spring engages, are extended backward to form handles by which when the two handles are drawn together the arms of the clamp will open and allow the device to be attached to a burner.

Mounted on the short curved arm B is a sliding wire E, which has eyes E', through which the said arm passes. This sliding wire E, it will be noted, may be pushed in when it is desired to fit the holder to the lamp and when adjusted may be pulled out to encircle the lamp or burner and retain the reflector-holder, as will be noted.

The holder K is mounted on the rod L, which rod is bent at right angles at L', and its lower end forms the pivot for the two arm-sections A and B. This rod L, it will be noted, may swing around in different positions, and the reflector may be also tilted at different angles, so as to adapt the holder to reflect light in different directions.

I am aware that it is common in the art to construct reflector-holders which are adapted to clamp about a lamp, the reflector being pivoted to a vertical rod, and hence I do not claim, broadly, such construction.

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

1. A reflector-holder for lamps, consisting of the two arms A and B pivoted together, portions of the said arms being bent upon themselves to form lugs, and a coiled spring having its ends seated over said bent portions, combined with the reflector-supporting rod, as set forth.

2. In a reflector-holder for lamps, the combination with the curved arms pivoted together, the sliding wire E having eyes and mounted to slide on one of the arms of the clamp, and the reflector-holding rod bent at an angle and forming a pivot for the clamping-arms, as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE BRADLEY BLOOD.

Witnesses:

J. N. JARRETT,
D. A. MORGAN.