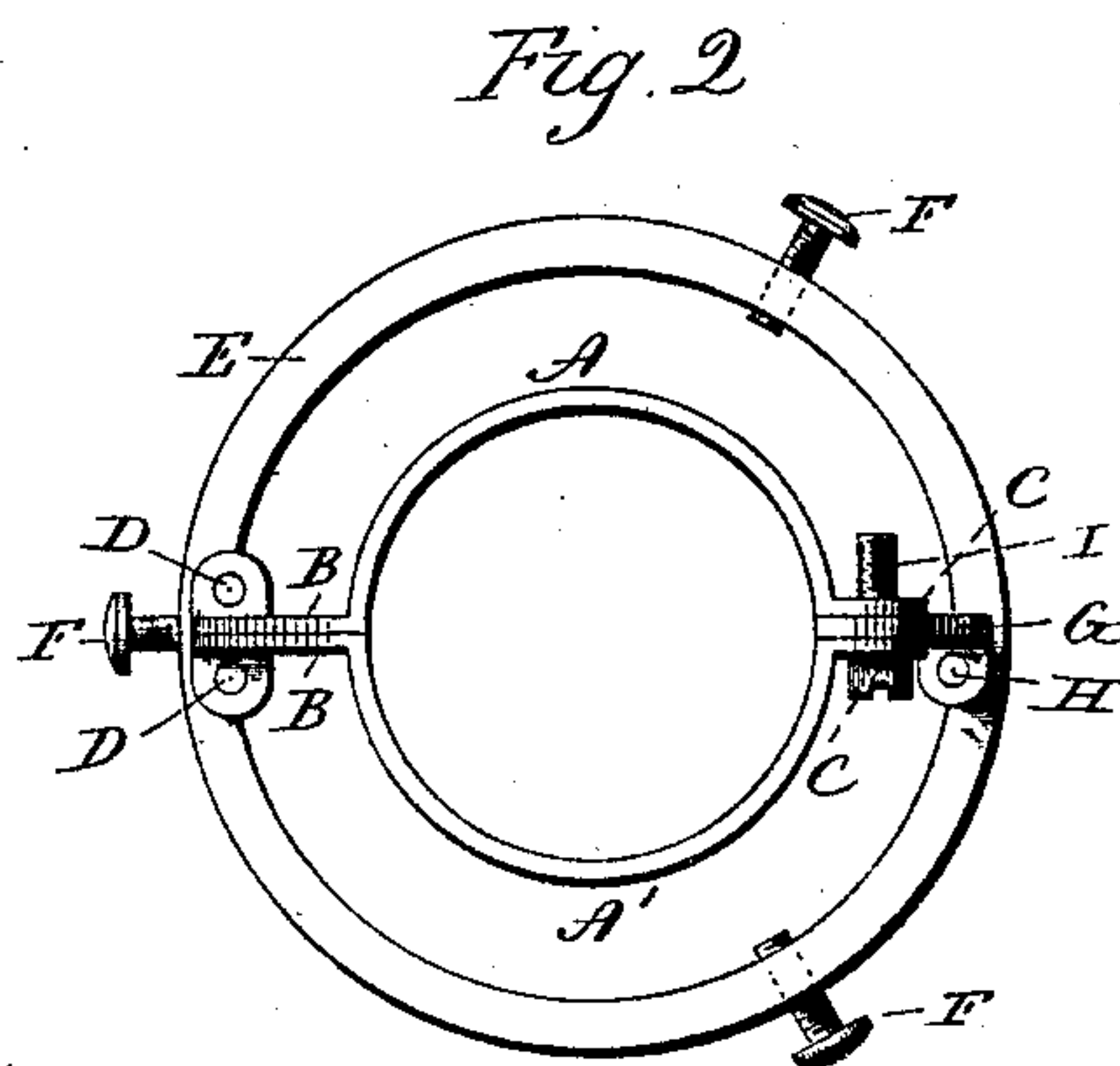
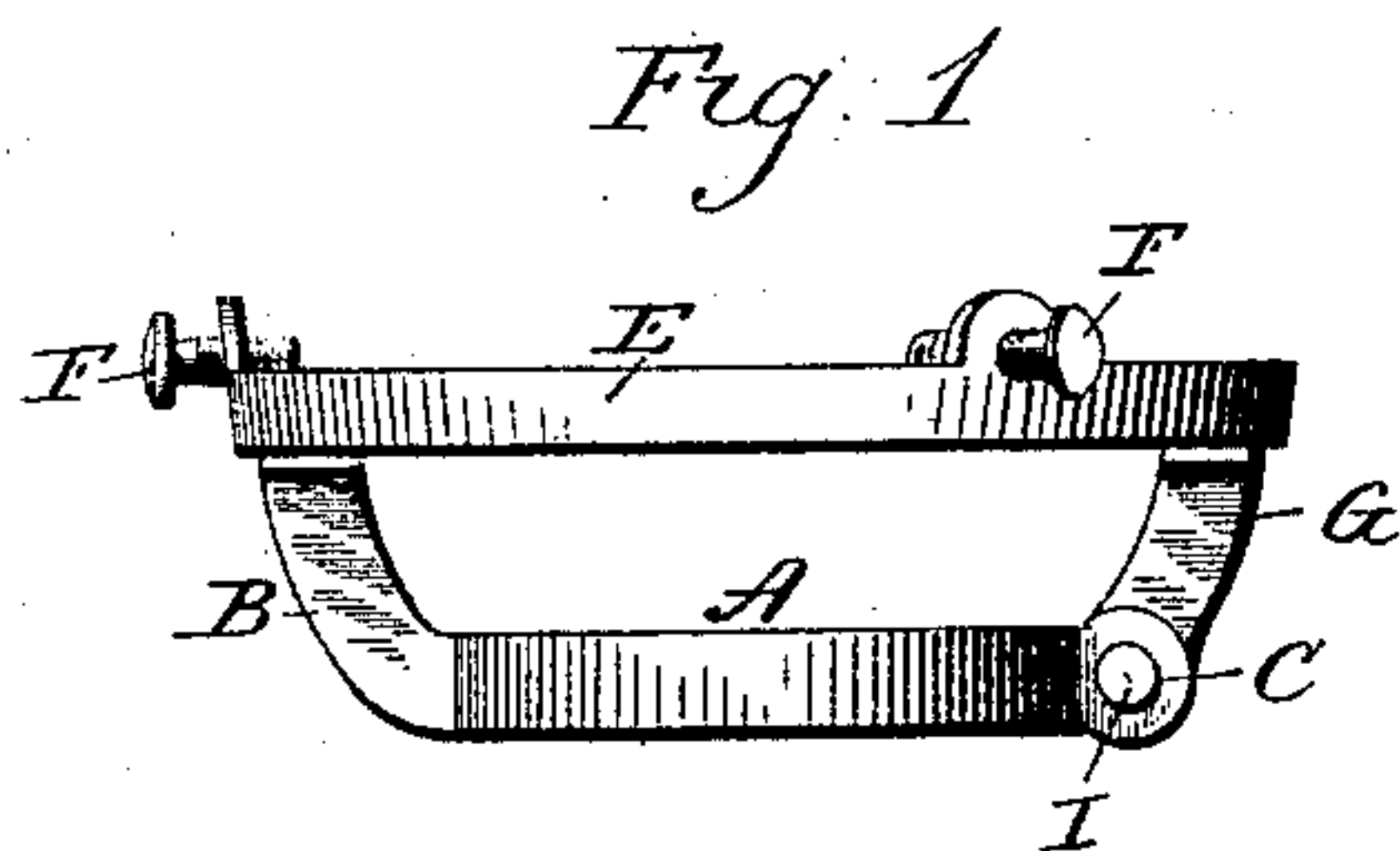


(No Model.)

J. LINES.
SHADE HOLDER.

No. 452,167.

Patented May 12, 1891.



Witnesses.
J. H. Shumway
Lillian D. Kelsey

John Lines
Inventor
By attys.
Earle Seymour

UNITED STATES PATENT OFFICE.

JOHN LINES, OF WATERBURY, CONNECTICUT, ASSIGNOR TO THE SCOVILL
MANUFACTURING COMPANY, OF SAME PLACE.

SHADE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 452,167, dated May 12, 1891.

Application filed January 20, 1890. Serial No. 337,467. (No model.)

To all whom it may concern:

Be it known that I, JOHN LINES, of Waterbury, in the county of New Haven and State of Connecticut, have invented new Improvements in Shade-Holders; and I do hereby declare the following, when taken in connection with accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1 a view in side elevation of one form which my improved shade-holder may assume; Fig. 2, a reverse plan view thereof.

My invention relates to an improvement in shade-holders for incandescent electric lamps, the object being to provide at a reduced cost for production a simple, light, and convenient shade-holder.

With these ends in view my invention consists in a shade-holder having its clamping-ring composed of two parts of wrought metal secured together at their ends, and in certain details of construction and combinations of parts as will be hereinafter fully described, and pointed out in the claim.

As shown in the drawings, the clamping-ring of my improved shade-holder consists of two corresponding parts A A', each being provided at one end with a curved arm B and at the other end with a perforated lug C. The curved arms B of the said parts of the ring are placed side by side in contact with each other, and have their extreme outer ends bent in opposite directions and at right angles to receive rivets D D, by which they are secured to the shade-holding ring E of the device, the said ring being provided in the usual manner with three thumb-screws F. The perforated lugs C of the said parts of the clamping-ring

are brought together on the opposite sides of a post G, having its end perforated, and bent at its other end, so as to be secured by a pin H to the shade-holding ring at a point thereon opposite the attachment thereto of the curved arms B B of the two parts A A' of the clamping-ring. A binding-screw I is passed through the perforated lug of the said parts of the clamping-ring and through the perforated end of the said post, and is provided for clamping them upon the neck of the lamp with which the shade-holder is used.

Under the construction above described I am enabled to make the clamping-ring very elastic.

My improved shade-holder is light and shapely and convenient to use because the clamping-rings may be made very elastic.

I am aware that it is not broadly new to make the clamping-ring of a shade-holder in two parts.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a shade-holder, the combination, with a shade-holding ring, of a clamping-ring composed of two parts, each of which is provided at one end with an arm shaped for rigid attachment to the shade-holding ring and at the other end with a perforated lug, and an independent post secured to the said shade-holding ring and receiving a binding-screw which also passes through the perforated lugs of the two parts of the clamping-ring, substantially as described.

JOHN LINES.

Witnesses:

JAMES A. PILLING,
T. R. HYDE, Jr.