

(No Model.)

S. BERGMANN.

SHADE HOLDER FOR ELECTRIC LAMPS.

No. 257,146.

Patented May 2, 1882.

Fig. 1.

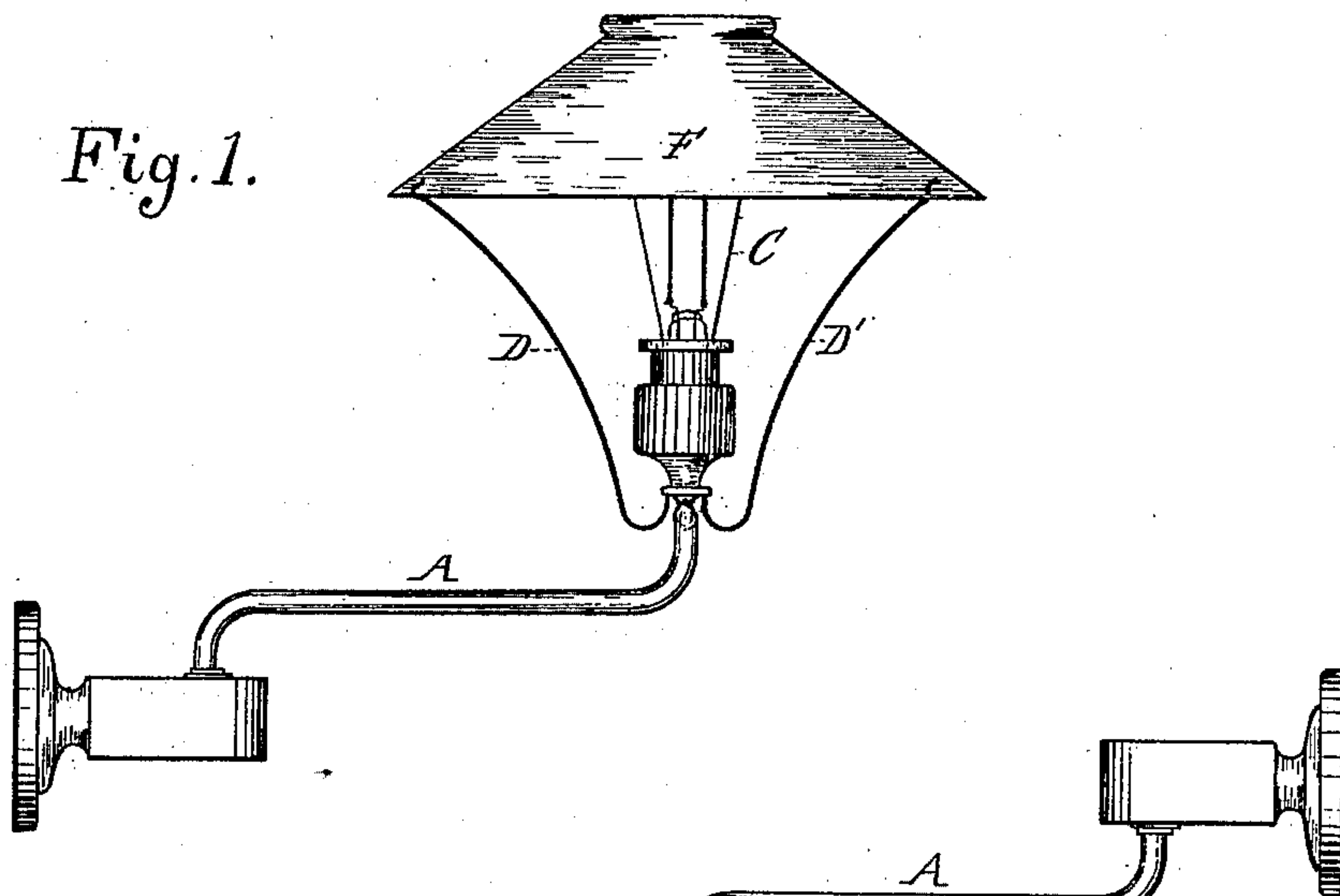


Fig. 2.

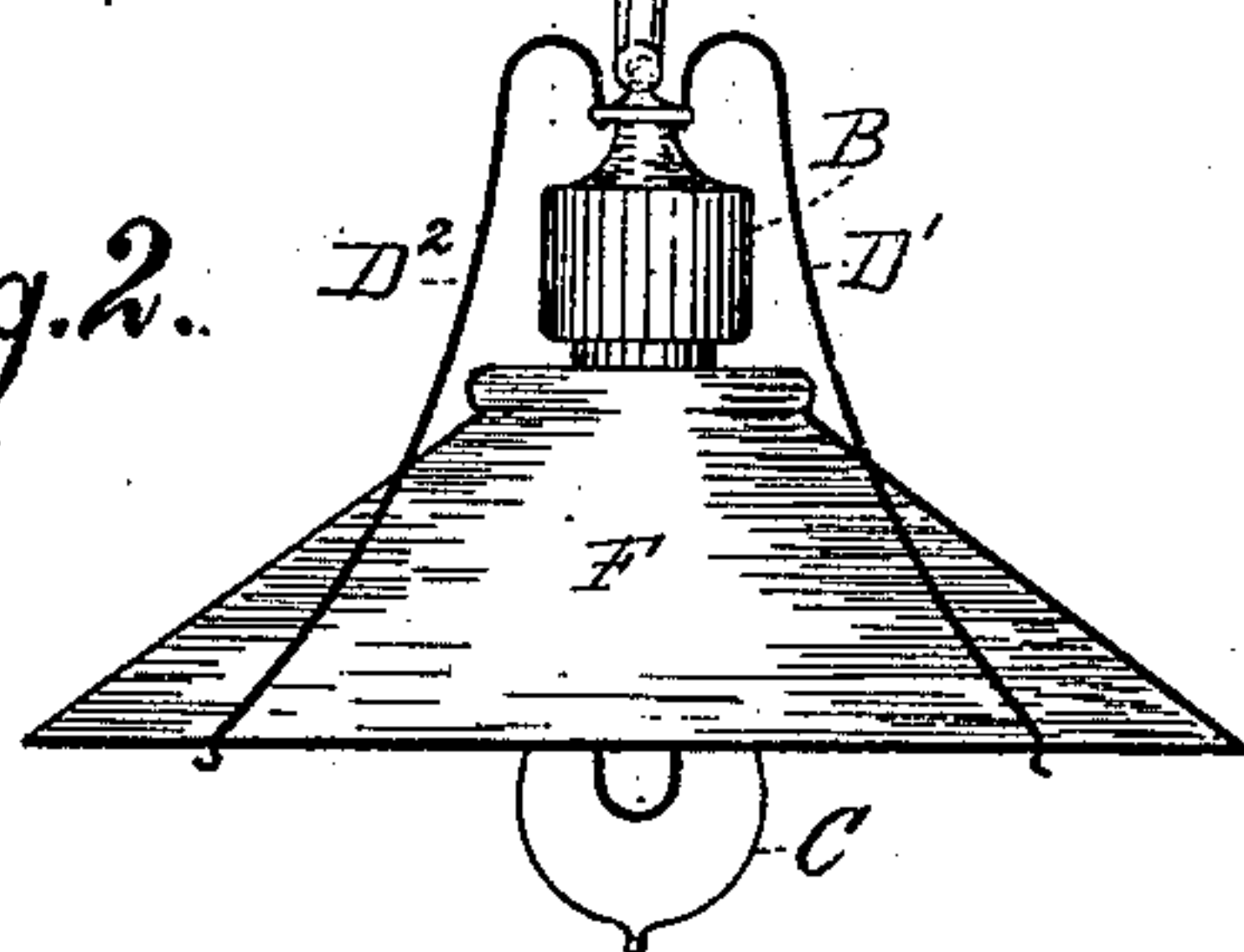
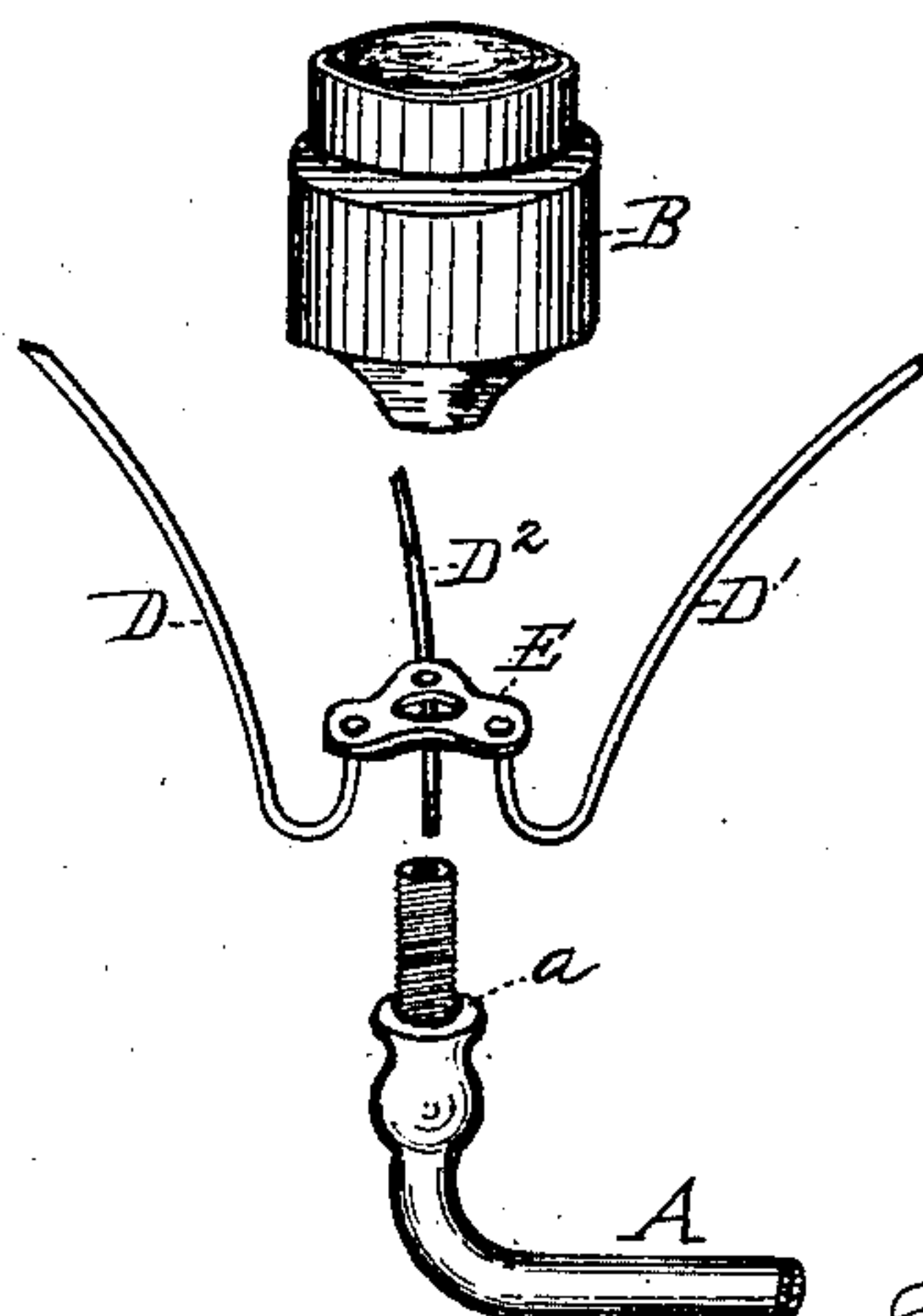


Fig. 3.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

SIGMUND BERGMANN, OF NEW YORK, N. Y.

## SHADE-HOLDER FOR ELECTRIC LAMPS.

SPECIFICATION forming part of Letters Patent No. 257,146, dated May 2, 1882.

Application filed February 25, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, SIGMUND BERGMANN, of the city, county, and State of New York, have invented a certain new and useful Improvement in Shade-Holders for Electric Lamps, of which the following is a specification.

The object I have in view is to produce a cheap, simple, and efficient shade-holder for incandescing electric lamps, which can be used without change when the lamp is in a reversed as well as in an upright position. This I accomplish by the use of arms or equivalent devices which support the shade from its lower or broad edge. These arms are preferably attached to a plate clamped between the lamp-socket and the shoulder against which the socket is screwed; but the arms may be attached to the socket or to the pipe on which it is turned. In any construction the lamp can be removed from and replaced in its socket without disturbing the shade-holder or shade. The shade-holder is attached exactly the same whether the lamp is to be used in an upright or reversed position.

In the accompanying drawings, forming a part hereof, Figure 1 is an elevation of a bracket carrying an electric lamp placed in an upright position and having my improved shade-holder in use therewith; Fig. 2, an elevation of the same parts reversed; and Fig. 3, a view of the bracket-arm, lamp-socket, and shade-holder separated.

A is an arm for carrying an incandescing electric lamp. It may be a rigid or swinging bracket, a chandelier-arm, or the arm of a stand-lamp or that of a hanging lamp—in fact, any arm to which a lamp-socket may be attached.

B is the lamp-socket, which is preferably screwed onto the end of A or onto a piece at-

tached to A, and turns against a shoulder, *a*, 40 Fig. 3. This socket receives the incandescing electric lamp C.

D D' D<sup>2</sup> are spring-arms attached to a plate, E, as shown. This plate has a central opening large enough to slip over the end of A and allow the plate to rest on *a*. This is done before the socket is screwed on, which, when turned down upon the plate E, secures the shade-holder in position. 45

F is the shade, held at its lower or broad edge by the ends of the spring-arms D D' D<sup>2</sup>, whether the lamp is upright or reversed. 50

The arms D D' D<sup>2</sup> may be attached to A or to the socket B, and the spring-arms may be substituted by rigid arms with suitable means for grasping and releasing the edge of the shade. 55

What I claim is—

1. The combination, with an electric lamp and its socket adapted for use either in an upright or in a reversed position, of a shade-holder adapted to properly support the shade whether the lamp is upright or reversed, substantially as set forth. 60

2. The combination, with an electric lamp and its socket adapted for use either in an upright or in a reversed position, of a shade-holder attached at a point beyond the lamp and supporting the shade from its lower or broad edge, whereby the lamp may be used in either position or removed from and replaced in its socket without disturbing the shade-holder, substantially as set forth. 70

This specification signed and witnessed this 20th day of February, 1882.

SIGMUND BERGMANN.

Witnesses:

WM. H. MEADOWCROFT,  
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