

No. 673,394.

Patented May 7, 1901.

M. & A. L. HERSKOVITZ.  
INCANDESCENT MANTLE SUPPORT.

(Application filed July 23, 1900.)

(No Model.)

Fig. 1.

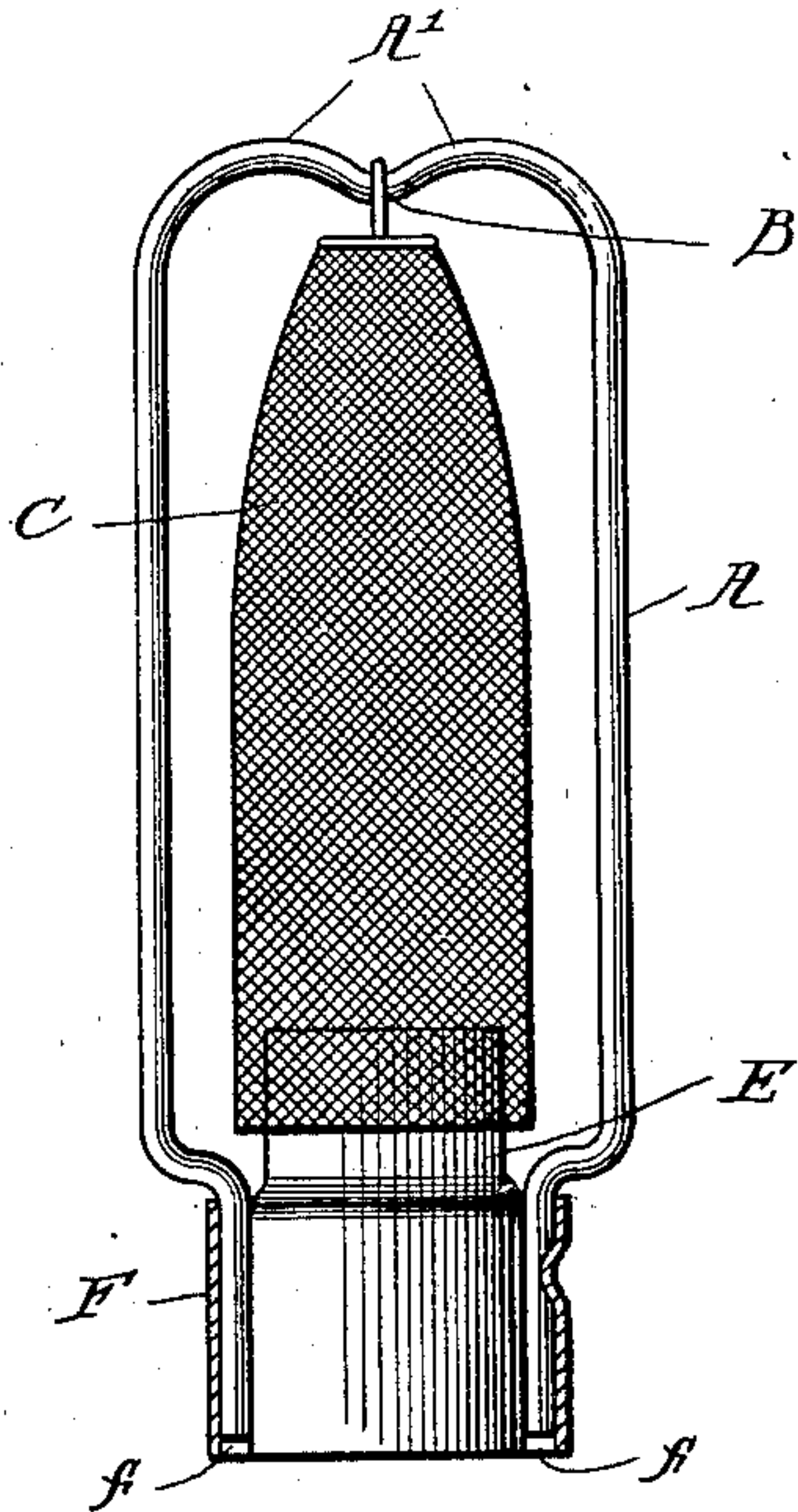


Fig. 2.

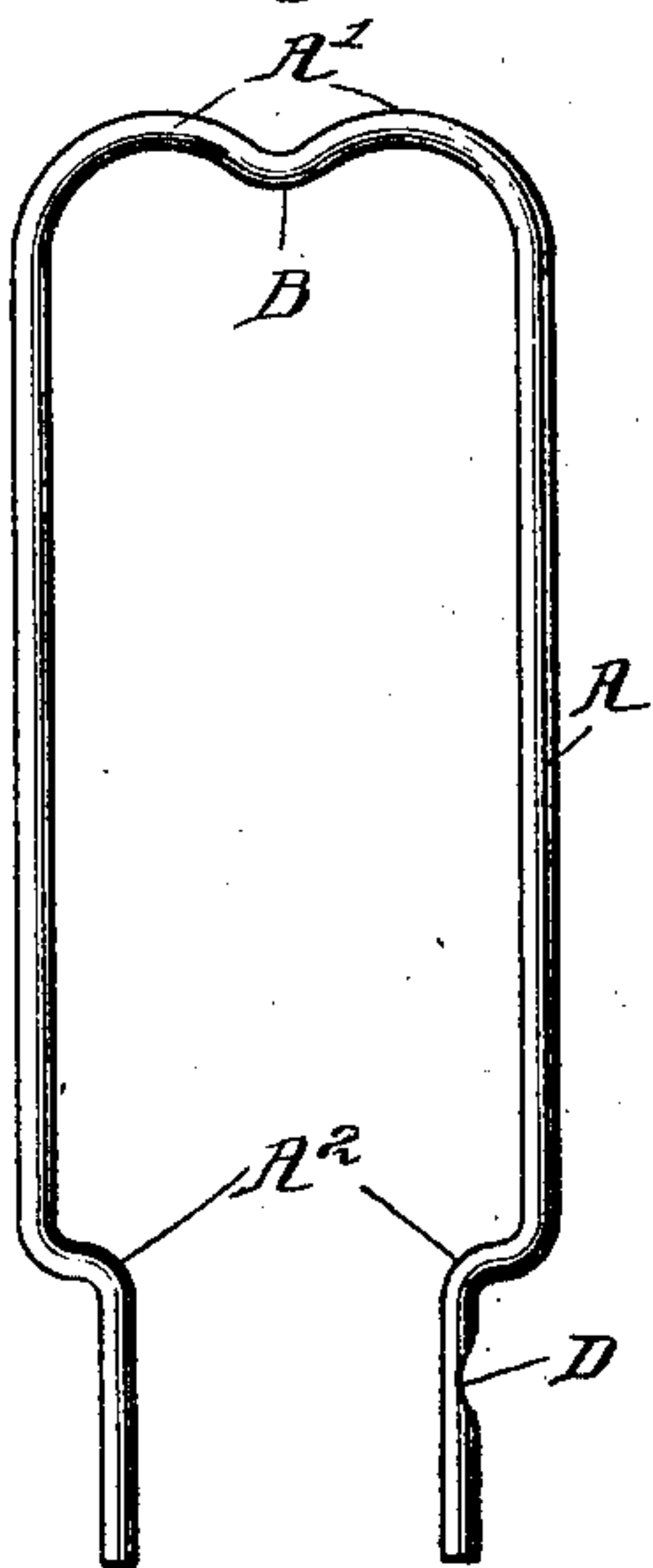


Fig. 3.

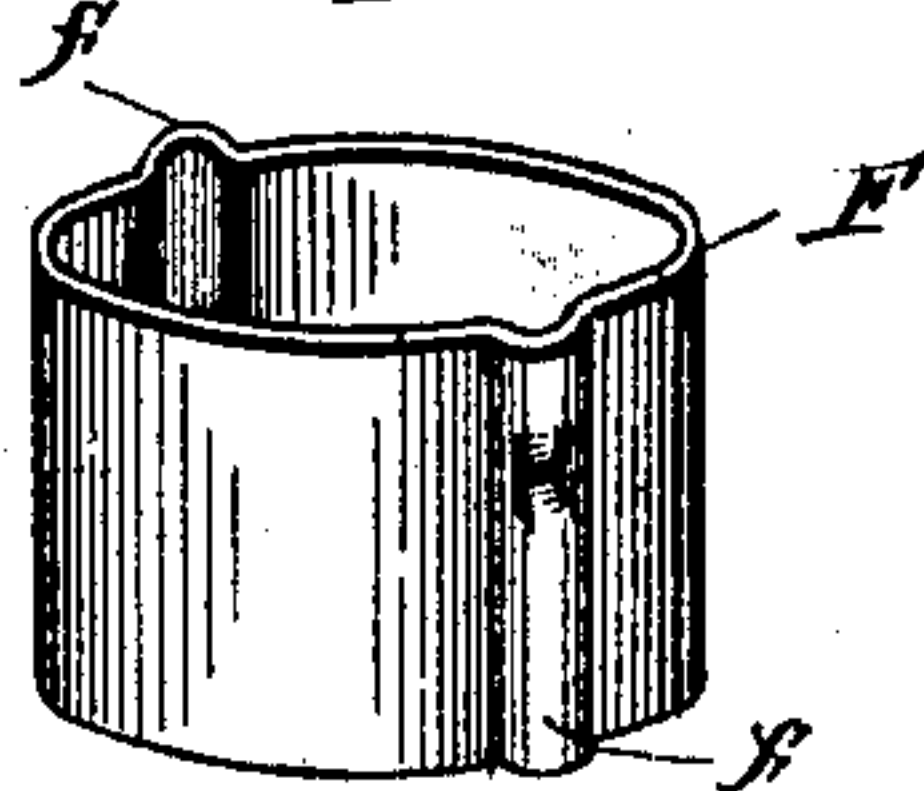
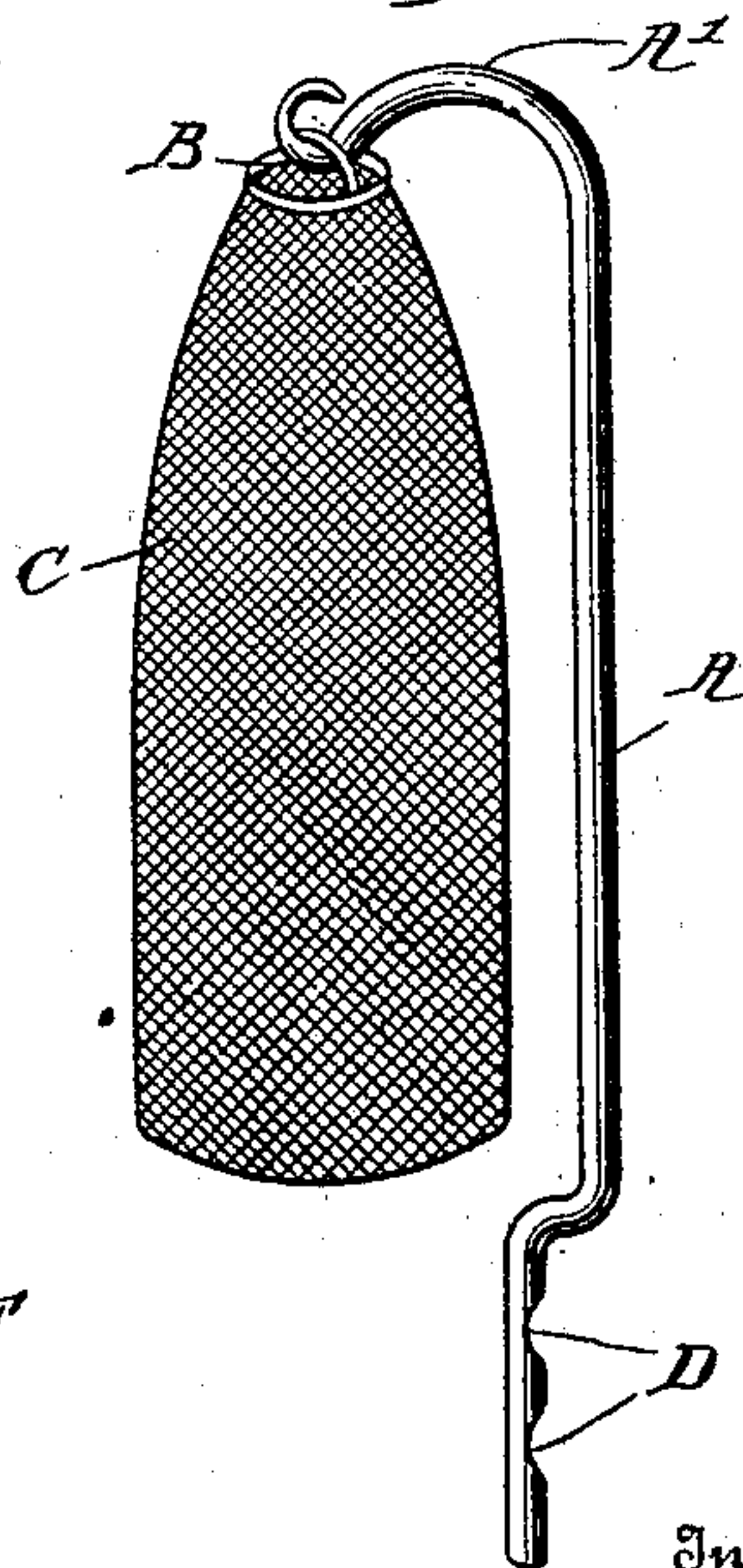


Fig. 4.



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# UNITED STATES PATENT OFFICE.

MAX HERSKOVITZ AND ABRAHAM L. HERSKOVITZ, OF CHICAGO, ILLINOIS.

## INCANDESCENT-MANTLE SUPPORT.

SPECIFICATION forming part of Letters Patent No. 673,394, dated May 7, 1901.

Application filed July 23, 1900. Serial No. 24,551. (No model.)

*To all whom it may concern:*

Be it known that we, MAX HERSKOVITZ and ABRAHAM L. HERSKOVITZ, citizens of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Incandescent-Mantle Supports; and we do hereby 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.

Our invention relates to improvements in supports for incandescent mantles and to the means of attaching same to a burner; and the object of our invention is to provide a device which will furnish a firm and steady support for the mantle, which may be readily attached to and detached from the burner, and which may be cheaply manufactured. Having these objects in view, we have invented a mantle-support comprising a wire frame or yoke from which the mantle is suspended and a collar which surrounds the burner and is provided with offsetting sockets, in which the ends of the yoke are removably secured.

In the accompanying drawings, which form a part of this application, Figure 1 shows in elevation and section a complete device embodying our invention. Fig. 2 is a view of the yoke alone, and Fig. 3 is a perspective view of the yoke-supporting collar. Fig. 4 shows a slightly-modified form.

Referring to the drawings, A represents a yoke or mantle-support formed of a single wire bent upon itself, as at A', and in this bend bent downwardly, as at B, at which point the mantle C is secured or suspended. The end portions of the wire are shouldered or bent inwardly toward each other, as at A<sup>2</sup>, and one branch has a notch D formed therein, or both branches may be notched, if desired.

The burner E is of the usual cylindrical form and has fitted closely around its lower portion a collar or band F, in which pockets or sockets *ff* are formed at opposite points by crimping or bending the metal outward longitudinally, as clearly shown in Fig. 3. The cross-diameter of these sockets is just sufficient to receive with a close fit the end

portions of the yoke A, so that when the collar is in position on the burner the ends of the yoke are firmly held between the bulging portions of the collar and the sides of the burner. To insure against displacement of the yoke, the collar is punched inwardly at a point registering with the notch D in the yoke, so that the inwardly-projecting metal will enter said notch and prevent the yoke from leaving its position in the collar except by exerting more force than would ordinarily result from an accident or careless handling. If desired, these punches can be made in both bulges in the collar to fit corresponding notches in the yoke. As shown in Fig. 4, we may make the mantle-support single and provide two notches D in the end portion and form corresponding indentations or projections in the collar to fit such notches, thus providing a very simple form of mantle-support and providing for its attachment to a burner in a most economical manner.

Having thus described our invention, what we claim, and desire to secure by Letters Patent, is—

1. The combination with a burner, of a collar fitting over said burner and crimped longitudinally to form an open-ended socket, said socket having an inwardly-extending projection punched in its wall intermediate its ends, and a support fitting within said socket between its wall and the exterior of the burner and having its outer face formed with a depression to receive said projection, substantially as described.

2. The combination with a burner, of a collar fitting around said burner and crimped or bent longitudinally at diametrically opposite points to form open-ended sockets, one of said sockets having an inwardly-extending projection punched in its wall, and a substantially inverted-U-shaped support, the top of which is formed with a centrally-disposed bend, and the legs thereof enter said sockets and are formed with shoulders resting on the upper edge of the collar, and one of said legs formed with a depression to receive the projection, substantially as described.

3. The combination with a burner, of a col-

lar fitting around said burner and crimped or bent to form sockets on opposite sides thereof, a mantle-supporting rod composed of a wire bent to form two members, each of which  
5 is bent near its end to form a shoulder to rest on the upper edge of the socket, and means for securing said ends within said sockets, substantially as set forth.

In testimony whereof we affix our signatures in presence of two witnesses.

MAX HERSKOVITZ.  
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