

(No Model.)

E. SCHRANTZ.
GLOBE ATTACHMENT FOR ELECTRIC LAMPS.

No. 571,802.

Patented Nov. 24, 1896.

Fig. 3.

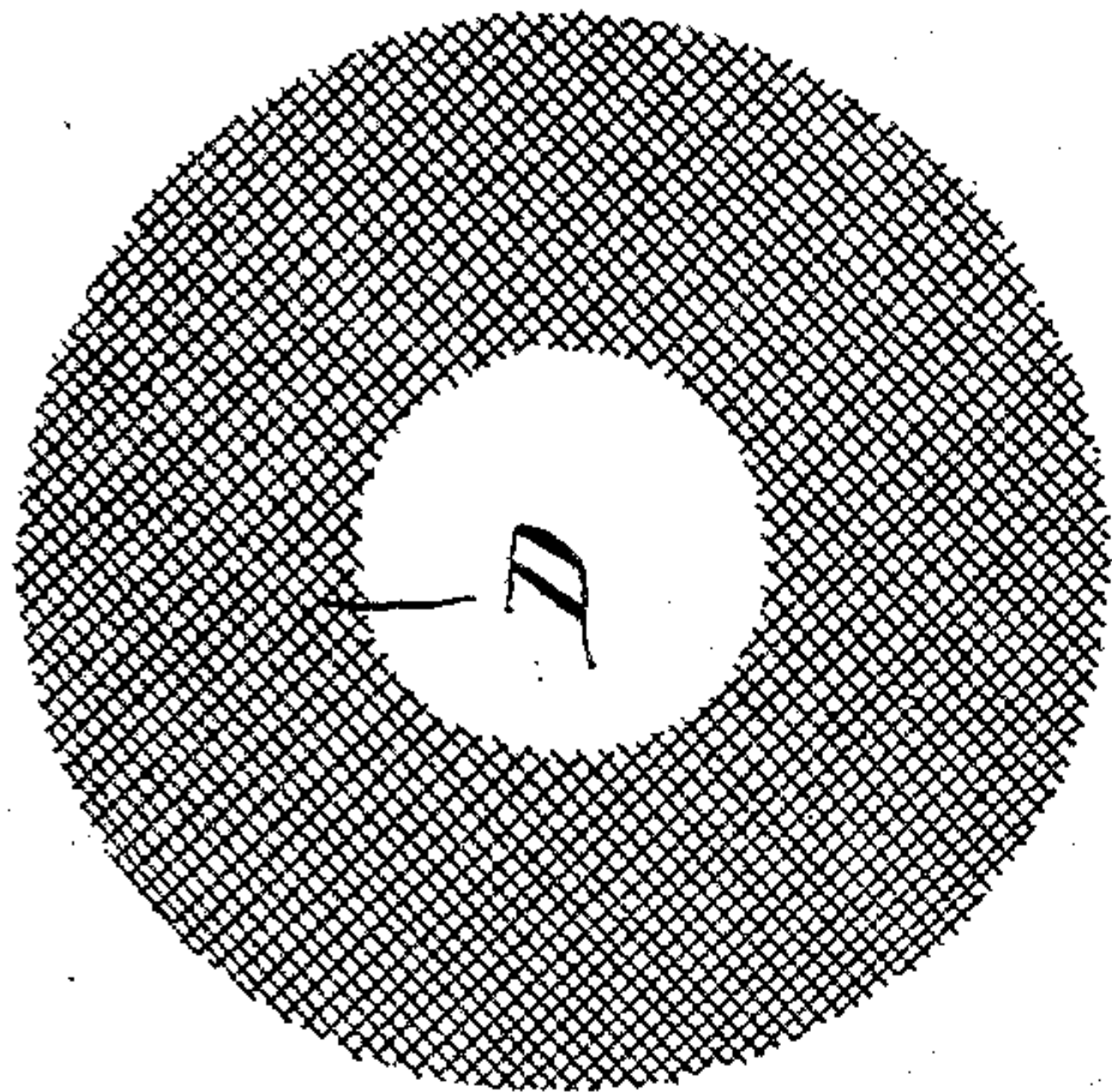


Fig. 2.

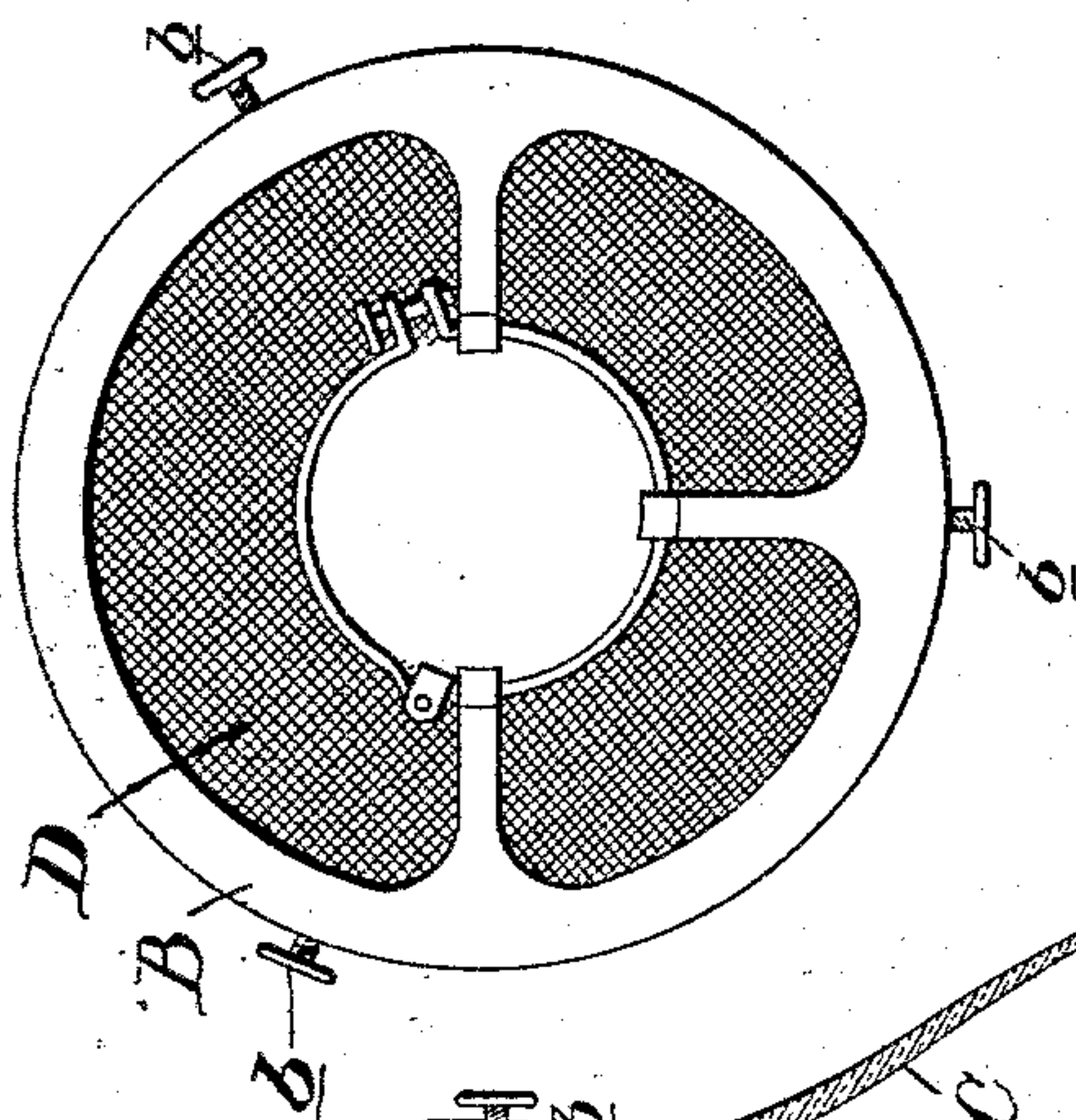
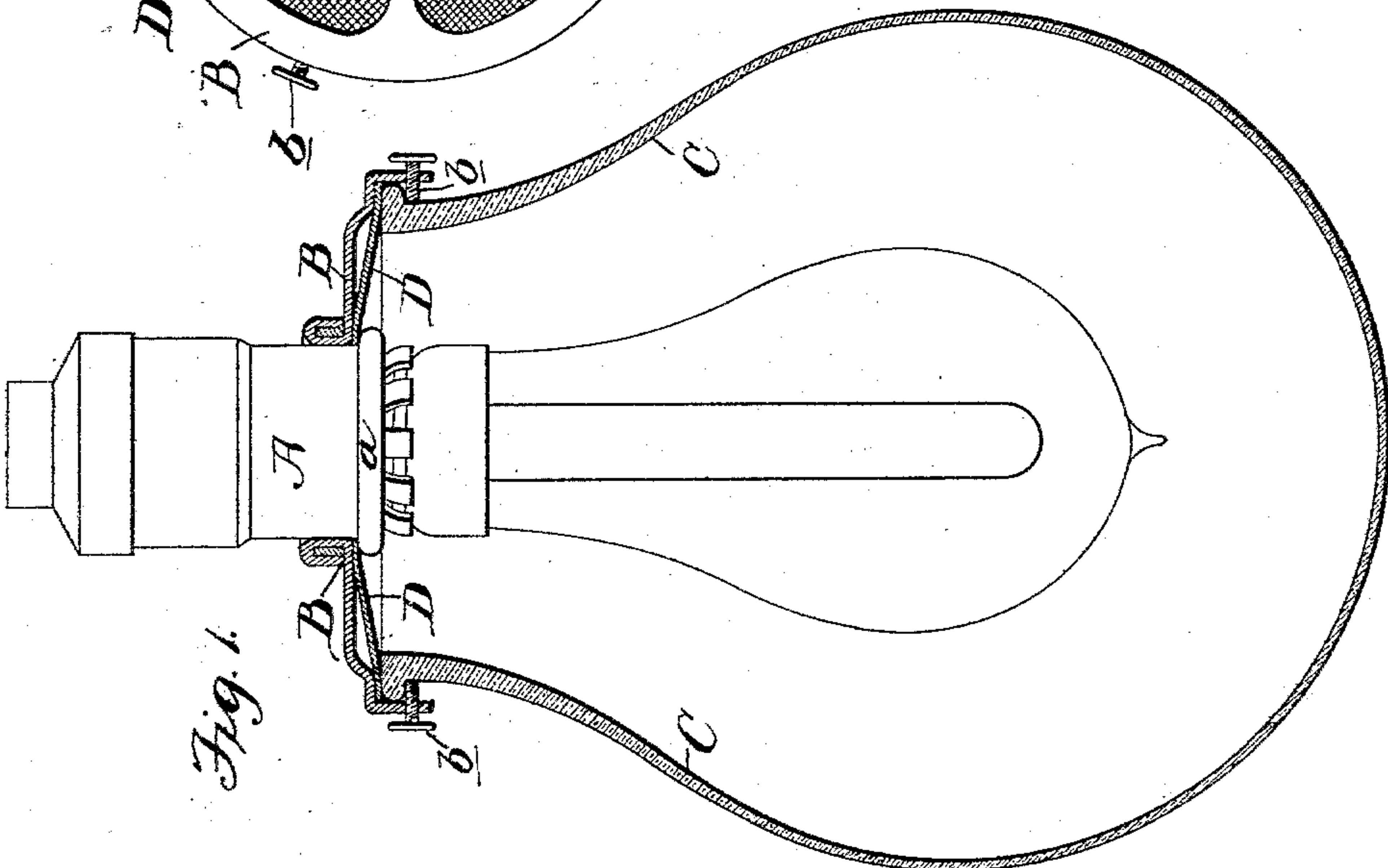


Fig. 1.



Witnesses:
G. A. Pennington
Hugh H. Wagner

Inventor:
Edward Schrantz,
by Paul Bakewell,
his Atty.

UNITED STATES PATENT OFFICE.

EDWARD SCHRANTZ, OF ST. LOUIS, MISSOURI.

GLOBE ATTACHMENT FOR ELECTRIC LAMPS.

SPECIFICATION forming part of Letters Patent No. 571,802, dated November 24, 1896.

Application filed August 15, 1896. Serial No. 602,830. (No model.)

To all whom it may concern:

Be it known that I, EDWARD SCHRANTZ, a citizen of the United States, residing at the city of St. Louis, State of Missouri, have invented a certain new and useful Improvement in Globe Attachments for Electric Lamps, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification, wherein—

Figure 1 is a sectional view showing my improved attachment on a lamp-socket. Fig. 2 is a top plan view of the globe-holder, showing my attachment in position. Fig. 3 is a plan view of my attachment, showing the same as being made of wire-gauze.

This invention relates to a new and useful improvement in globe attachments for electric lamps, the object being to provide a perforated disk which closes the open end of the globe which surrounds the lamp, said disk being held in position by being clamped between the flanged edge of the globe and the holder, the central part of the disk being supported by the lamp-socket.

With this object in view the invention consists in an attachment consisting in a disk which is perforated centrally for the passage of the socket, the edges of said disk being clamped between the globe-holder and flanged edge of the globe, whereby the open end of the globe is closed and insects, dirt, dust, &c., are excluded from the globe.

In the drawings, A indicates an ordinary electric-lamp socket, which, as usually constructed, is formed with a beading *a* at its lower end.

B indicates the globe-holder, which may be of any ordinary or approved construction, said globe-holder having its outer edge turned downward to afford a bearing for suitable globe-securing screws *b*.

C indicates the globe, of usual construction, the upper end being open to receive the lamp, the edges of said upper end being flanged out-

wardly, so that when the globe is placed in the holder the globe-securing screws may be screwed in under said flange to support the globe in position.

D indicates a disk formed of wire-gauze, as shown in Fig. 3, the edges of said disk being clamped between the flanged upper end of the globe and the globe-holder, whereby the disk is held in position.

When the disk is being applied, its central opening has to be expanded, so that the beading *a* on the lower end of the lamp-socket may pass therethrough, said opening, by reason of the yielding nature of the wire-gauze, immediately closing over the socket above the beading, making a tight joint. The beading now acts as a support for the center of the disk, preventing its sagging, as is obvious.

By the use of my invention insects which are attracted by the light, dust, &c., are excluded from the globe, and therefore it is not necessary to clean the globe as frequently as has heretofore been done.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

The combination with an electric-lamp socket, which is formed with a beading at its lower end, of a globe-holder secured to said socket above the beading, a wire-gauze disk formed with a central opening which is capable of being expanded to pass over said beading and close around the socket above the beading, whereby, the beading supports the center of the disk, and a globe which is supported by said globe-holder, said globe and globe-holder clamping the edges of the disk between them; substantially as described.

In testimony whereof I hereunto affix my signature, in presence of two witnesses, this 6th day of August, 1896.

EDWARD SCHRANTZ.

Witnesses:

HUGH K. WAGNER,
G. A. PENNINGTON.