

A. D. JONES.
SHADE FOR INCANDESCENT LAMPS.
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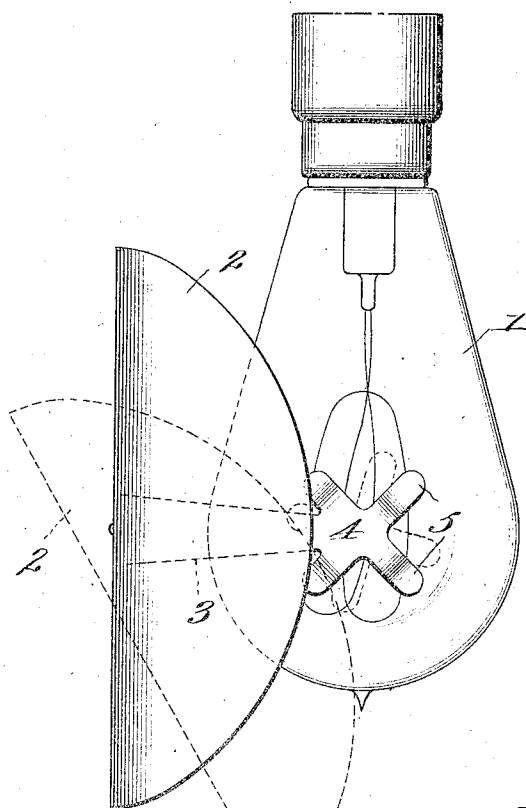


Fig. 1.

Fig. 2.

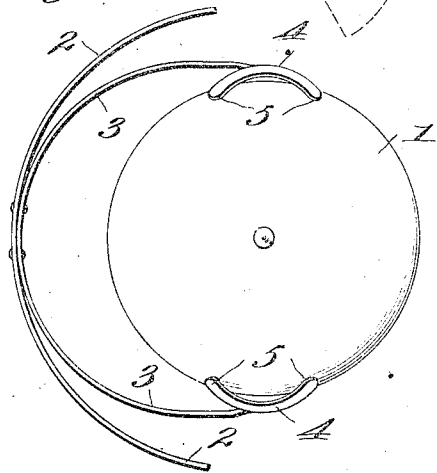


Fig. 3.

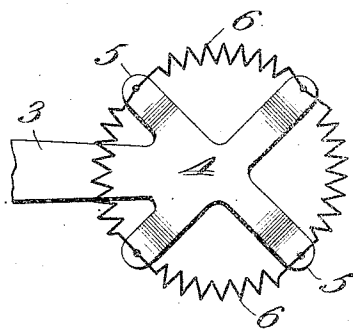


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

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SHADE FOR INCANDESCENT LAMPS.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ALVA D. JONES, a citizen of the United States, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented certain new and useful Improvements in Shades for Incandescent Lamps; and I 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.

This invention relates to shades for incandescent lights, and has for its object to produce a shade of this nature which will be simple in construction, easy to put on and off and which will provide a universal connection with the lamp permitting the shade to be adjusted in any desired position and at any desired angle to the light.

With these objects in view, the invention consists in the novel details of construction and combinations of parts, more fully hereinafter disclosed and particularly pointed out in the claims.

Referring to the accompanying drawings, forming a part of this specification, in which like numerals refer to like parts in all the views:—Figure 1, is an elevational view of the lamp with my invention attached thereto; Fig. 2, is a bottom plan view of the parts shown in Fig. 1; Fig. 3, is a detail view showing a modified form of the means for attaching the shade to the lamp; and, Fig. 4, is a detail sectional view of certain parts shown in Fig. 3.

1 indicates the usual incandescent lamp, and 2 a shade which is preferably made in the form of a reflector on the side next to the light. The shape of this shade is that of a disk bent into a half cylindrical form so it may freely swing in all directions. Integral with or attached to the central body portion 2 of the shade is a resilient spring or other means 3 carrying at each end the feet or claws 4, as illustrated. These claws may be conveniently stamped out of the same material from which the spring portion 3 is made, as indicated in the drawings, or if desired, they may be made separately and rigidly secured to the said portion 3. The said claws are preferably given a spherical contour, as best shown in Fig. 2, so that the extreme ends 5 only will contact with the glass of the lamp. The resilience of the spring portion 3 as well as that of the

claws 4 is so adjusted that the lamp is yieldingly hugged but yet with sufficient firmness to hold the shade 2 in any position in which it is adjusted. That is to say, since the claws contact with the lamp at diametrically opposite points it is evident that the shade may be adjusted at any angle to the longitudinal axis of the lamp, as indicated by the dotted lines in Fig. 1, or the shade may with equal ease be adjusted circumferentially around the lamp, as will be evident from an inspection of Fig. 2. The result is that the claws and resilient means 3 afford a universal joint with the lamp, permitting the shade to be readily placed in any desired position, or to be readily attached to or detached from the lamp at will.

In the modified form of the invention shown in Figs. 3 and 4 I provide between the extreme ends 5 of the claws 4 a cushioning means such as the springs 6, which springs may be in the form of short spirals, as shown, and which will, therefore, yieldingly contact with the glass of the lamp 1, and assume a portion of the strain brought on the glass by the weight of the shade and its parts. Otherwise, the construction is the same as that illustrated in the preceding figures.

An important feature of my invention resides in the fact that the light is not cut off above the shade, between the upper portion of the same and the body of the lamp. That is to say, the lamp may reflect light to the ceiling just as well when my shade is attached thereto as when it is not attached. In other words, the application of my shade to the lamp does not materially affect the dispersion of the light of the lamp as would be the case should the shade 2 be permanently attached to the upper portion of the lamp, as is usually done.

It is obvious that those skilled in the art may vary the details of construction and arrangement of parts without departing from the spirit of my invention, and, therefore, I do not wish to be limited to such features except as may be required by the claims.

What I claim is:—

1. A lamp shade for incandescent lamps comprising a disk bent into semi-cylindrical form adapted to cover only one side of the lamp, and provided near its center with means having claws for yieldingly supporting the shade from the glass portion of the

lamp at diametrically opposite points, and permitting said shade to be freely and readily adjustable angularly with relation to the longitudinal axis of the lamp, as well as circumferentially around the same, substantially as described.

2. The combination with an incandescent lamp of a shade adapted to cover only one side of the lamp; yielding means rigid with said shade extending from near its center; and curved claws rigid with said yielding means; adapted to contact with the glass globe of the lamp at diametrically opposite points on its largest circumference, substantially as described.

3. The combination of an incandescent lamp; a shade adapted to be supported therefrom; a resilient means rigid with the center of said shade; claws rigid with said resilient means and adapted to support said shade from diametrically opposite portions of the largest circumference of said lamp; and yielding means between the ends of said claws, substantially as described.

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

ALVA D. JONES.

Witnesses:

G. C. TERRY,
NELLY SWEENEY.