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ARC SHADE FOR GAS ILLUMINATION AND OTHER USES.

APPLICATION FILED MAR. 26, 1909.

927,726. Patented July 13, 1909.

Fig. 1

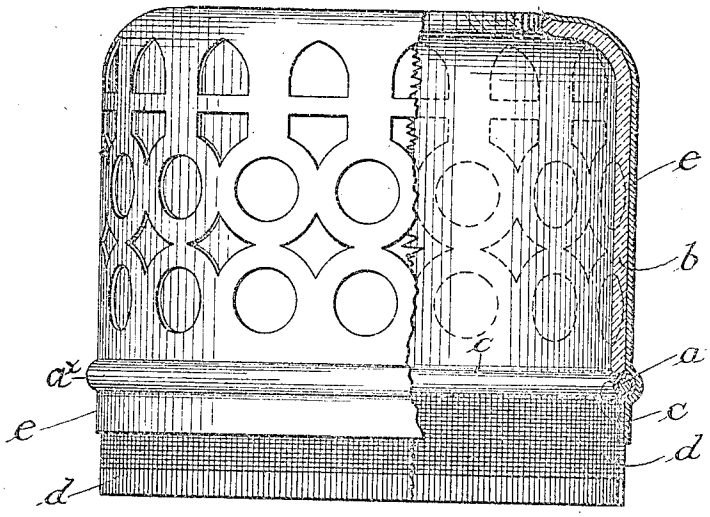


Fig. 2

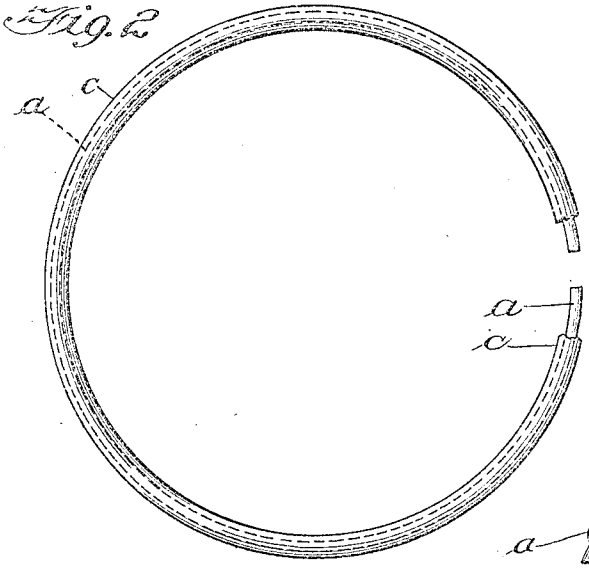


Fig. 3

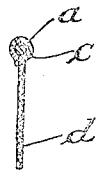


Fig. 4

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ARC-SHADE FOR GAS ILLUMINATION AND OTHER USES.

No. 927,726. Specification of Letters Patent. Patented July 13, 1909.

Application filed March 26, 1909. Serial No. 486,034.

To all whom it may concern:

Be it known that I, MAX HERSKOVITZ, a citizen of the United States, residing in Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Arc-Shades for Gas Illumination and Like Uses, of which the following is a full and correct specification, reference being had to the hereto accompanying sheet of drawings, forming a part hereof, and in which—

Figure 1 shows my said new arc shade partly in perspective, to show its outer construction, and partly in vertical central section for the purpose of showing its connected parts and interior construction. Fig. 2 shows a covered spring-wire open end ring with a small part of its covering removed at each end of the ring. Fig. 3 shows a sectional end view of the covered and fringed ring shown in Fig. 1. Fig. 4 shows another or modified construction of what is shown in Fig. 1.

Like reference letters denote like parts throughout.

The object of my invention is to construct an arc shade, and shades of like character, for gas lights and other illuminants whereby the parts are made to be easily separable and so that they may be replaced, either when worn out or broken, or for the purpose of newer or other ornamentation. To attain said desirable ends I construct my said new arc shade in substantially the following manner, namely:—

I provide a foraminated sheet-metal shell or outer casing *e* into which is worked an external circumferential bead a^x forming, interiorly, a half-round concave groove, Said metal shell receives an internal shade *b* of any suitable material, and of transparent or translucent character and ornamental finish, which, when of solid material, rests on the supporting-ring *a* which is sprung into the concave side of the bead a^x; and when of textile or other flexible material then the said substance is passed behind a pair of like rings *a a*, as shown in Fig. 4, in which the foraminated sheet-metal shell *e'* is of conical form and the interior part *b'* is of corresponding outline and made of flexible material.

When the part *b* or *b'* is made of solid material its lower edge rests on the ring *a* whereof at least one half of its thickness projects inwardly beyond the inner face of the shell *e* and thereby forms a perfect and at the same time easily removable and replaceable support for said inner parts *b* or *b'* and in that case an upper ring *a* is unnecessary. The ends of said ring just pass by each other so as to allow the entire ring to spring into its said groove. As an additional feature of my said improvement I slip said ring into a textile tube *c* and to one side of said tube may then be attached a fringe *d* of suitable material and structure which hangs out below the lower edge of the metal covering *e* or *e'*.

When the shade is in the form of a cone, as shown in Fig. 4, and it is desirable to line the metal shade *e'* with a transparent flexible or textile material, as cloth, or colored paper in some translucent or transparent form, a similar bead to that shown at *a* becomes necessary for the purpose of holding the upper edge of such fabric to its place.

The fringe may be attached in all cases where one or the other or both of said rings may be used, and in all cases a very pleasing effect may be produced either by articles produced from the manufacturer or by home talent and industry.

What I claim is:—

1. A foraminated shell provided with an internal, horizontal, circumferential groove, in combination with an internal removable shell, and a removable elastic open-end ring in said groove holding said internal shell.

2. A foraminated shell provided with an internal horizontal circumferential groove, in combination with an internal removable shell fitting into said shell, and a removable elastic and open-end ring and a textile casing on said ring.

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