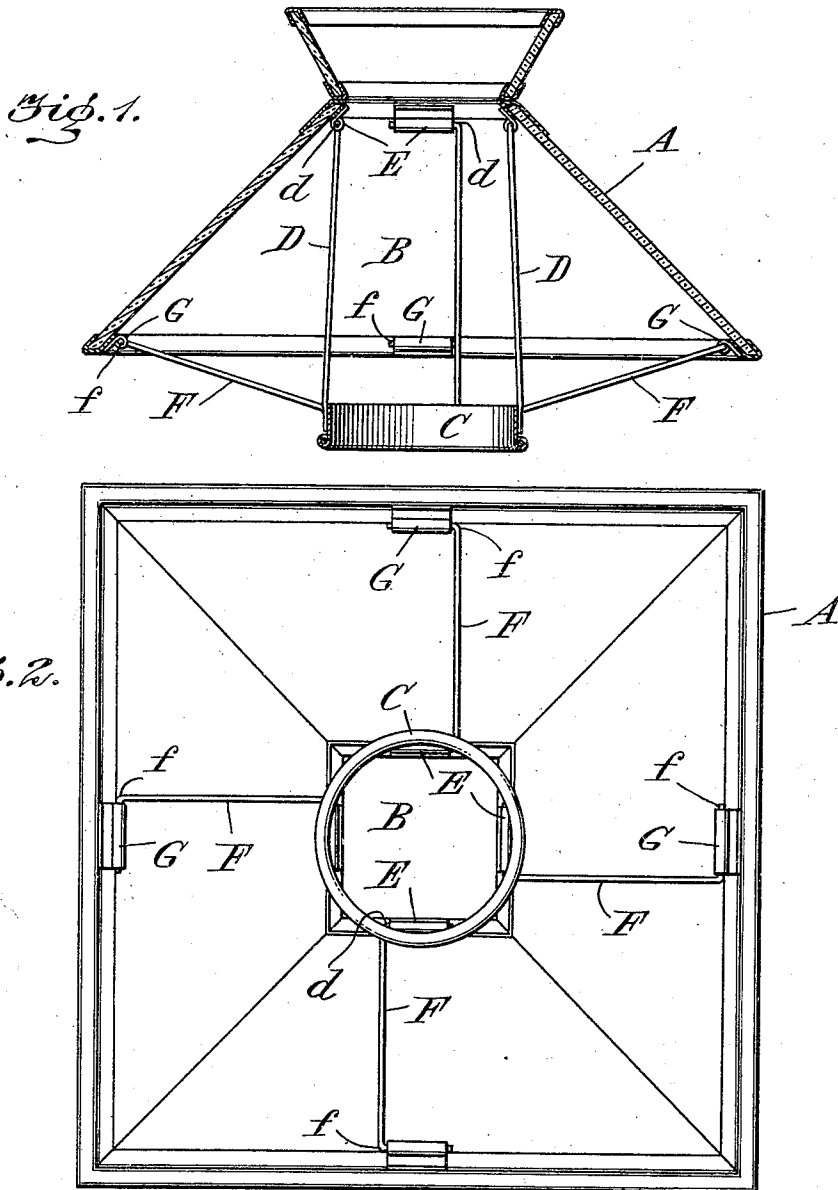


A. H. HOAG.
LAMP SHADE.
APPLICATION FILED DEC. 28, 1908.

953,950.

Patented Apr. 5, 1910.



WITNESSES

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ANDREW H. HOAG, OF NEW YORK, N. Y.

LAMP-SHADE.

953,950.

Specification of Letters Patent.

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Application filed December 28, 1908. Serial No. 469,530.

To all whom it may concern:

Be it known that I, ANDREW H. HOAG, a citizen of the United States, residing in the city of New York, borough of Manhattan, county and State of New York, have invented a certain new and useful Lamp-Shade, of which the following is a specification.

This invention is a lamp shade of such construction that certain features thereof may be dismembered during the packing, shipping and exhibition of the shade.

Prior to this invention, it has been customary to make the shade and its supporting member integral, and owing to the position occupied by this supporting member, it has been impossible to pack or ship the shades compactly.

Shades embodying the present invention have the supporting member removable therefrom, thereby leaving a free space within the interior of the shade and enabling said shades to be compactly nested. The supporting member is readily detached from the shade, but when it is desired to use said shade, it may be expeditiously placed in its normal position, whereupon it operates to support the shade as securely and rigidly as though it had been made integral therewith.

In the accompanying drawings I have illustrated one practical embodiment of the invention, but the construction shown therein is to be understood as illustrative, only, and not as defining the limits of the invention.

Figure 1 is a vertical section through one form of lamp shade provided with a supporting member embodying this invention. Fig. 2 is an inverted plan view thereof looking at the underside of the shade.

A designates a lamp shade which is provided with a detachable supporting member, B, the latter being connected detachably to the interior upper part of the shade in accordance with this invention.

Shade, A, may be of different varieties, sizes and styles, but in this connection it is pertinent to state that the shade is preferably of that class composed of "art glass". As shown in Fig. 1, the shade is substantially pyramidal, but the shape of the shade, and the form of the glass panels composing the shade, may be varied within wide limits.

My invention of the supporting member connected detachably to the shade may be

used in conjunction with any and all kinds of shades, but as above stated, it is particularly adapted for supporting a shade composed of a skeleton frame and glass panels, for the reason that the skeleton shade frame provides a secure means for the attachment of clips or sockets with which certain arms of supporting member, B, are detachably connected in a rigid and firm manner.

As shown, supporting member, B, consists of a base, C, and a plurality of arms or rods, D. Said base is preferably in the form of a ring, and to the base are secured the arms or rods, D. Any desired means for, or method of, uniting the arms, D, to base ring, C, may be adopted, but in the example shown, arms or rods, D, are soldered to base ring, C. It is evident that any desired number of arms or rods, D, may be used, but in the example shown, four rods are employed, each of which is connected detachably to one side portion of the shade. The number may be reduced to three, or it may be increased to five or more, as occasion may demand.

An important feature of the new construction consists of clips or sockets, E, attached to the metallic skeleton frame of the shade and adapted to form the means for connecting rods or arms, D, to said shade. Each clip or socket is shown as consisting of a piece of metal doubled upon itself to form an eye or socket, said metallic piece being secured rigidly to a metallic shade frame at the upper interior part thereof. The detailed construction of the clip, E, may, however, be varied by a skilled constructor, and, accordingly, it is not desired to limit the invention to the precise form of clip represented in the drawings.

The substantially pyramidal shade, A, is shown as having a series of four clips, corresponding in number to rods or arms, D, of the supporting member, one of said clips being secured centrally to each side member of the shade.

Each arm or rod, D, of the supporting member is provided with a hook shaped end, *d*, said end being formed by bending the rod substantially at a right angle. The rods are bent to form the short arms, *d*, which extend or face in one direction around the support, and these hooks or arms, *d*, are adapted to be thrust into the sockets of clips, E. The bent arms and sockets serve to rigidly connect the supporting member to the shade, and the shade is adapted to be sup-

ported on a lamp in the same rigid and firm manner as though the supporting member were made integral with said shade or fixed permanently thereto.

5 From the foregoing description it will be seen that the bent arms, *d*, of rods, *D*, are adapted to be withdrawn from the sockets, and the supporting member can then be removed from the shade. A number of shades
10 can be compactly arranged by nesting them one within the other, and the shades can now be packed within suitable boxes or receptacles. The supporting members can be packed and shipped separately from the
15 shades, and provision is thereby made for securing economy in the charges for packing and shipping the articles. The shades can be stacked on shelves for the purpose of displaying them, but when a shade is sold, or it
20 is desired to use the shade, the bent ends, *d*, at the inner ends of rods, *D*, are inserted into the sockets or clips, thus connecting the supporting member firmly to the shade.

In some styles of shades it is desirable to
25 employ radial braces or stays extending from the base ring of the supporting member to the rim portion of the shade, said stays being particularly useful when the supporting member is used in conjunction with
30 shades of large size. Under these circumstances it is proposed to employ the brace or stay rods, *F*, which are attached at their inner ends to base ring, *C*, and extend outwardly therefrom to the rim portion of the
35 shade. Said braces are provided with bent arms, *f*, at their outer ends, and these arms are held securely in the sockets of clips, *G*, said clips being fastened to the marginal portion of the skeleton frame which enters
40 into the construction of the art shade.

It is manifest that the supporting member having radial braces, *F*, may easily and quickly be connected to the clips, *E*, on the interior upper portion of the shade and to
45 the clips, *G*, on the rim portion of the shade, whereby the supporting member is attached firmly to the shade for the purpose of supporting it securely in position on a lamp or other object. It is evident, furthermore,
50 that rods, *D*, and stays, *F*, may be disconnected from sockets, *E*, *G*, respectively, whereby the shade may be nested with other shades of similar form, and the supporting member may be packed separately from the
55 shades.

Having thus fully described the invention, what I claim as new, and desire to secure by Letters Patent is:

1. In a device of the class described, a shade, a supporting ring, a series of upright 60 arms attached to the supporting ring, means for detachably connecting said arms to the upper interior portion of the shade, a series of braces attached to the supporting ring, said braces being independent of said arms, 65 and means for detachably fastening the braces to the lower portion of the shade.

2. In a device of the class described, a composite shade, a plurality of sockets on the upper interior portion of the shade, a 70 plurality of sockets on the lower interior portion of the shade, a supporting ring, arms extending from said ring and having detachable engagement with the sockets on the upper interior portion of the shade, and 75 braces extending from said ring and engaging detachably with the sockets on the lower interior portion of the shade.

3. In a device of the class described, a shade, a supporting member, upright rods 80 attached to the supporting member and connected detachably to the shade, at the upper interior part thereof, a plurality of sockets on the lower part of the shade, interiorly 85 thereof, said sockets occupying different positions relatively to each other, and each socket being arranged for its longitudinal axis to lie at an angle to the vertical axis of the shade, and braces attached to the supporting member, each brace having a bent 90 end adapted to fit in one of said sockets of the shade.

4. In a device of the class described, a shade, a plurality of attaching devices at the upper interior part of said shade, a support- 95 ing member, upright arms extending from the supporting member and detachably engaging said attaching devices, other attaching devices at the rim portion of the shade, and braces extending from said supporting 100 member and held in position by the second named attaching devices, said braces being separate from said upright arms.

In testimony whereof I have signed my name to this specification in the presence of 105 two subscribing witnesses.

ANDREW H. HOAG.

Witnesses:

H. I. BERNHARD,
M. C. POWELL.