

F. S. VERBECK.
ART LAMP SHADE.
APPLICATION FILED JAN. 25, 1908.

938,093.

Patented Oct. 26, 1909.

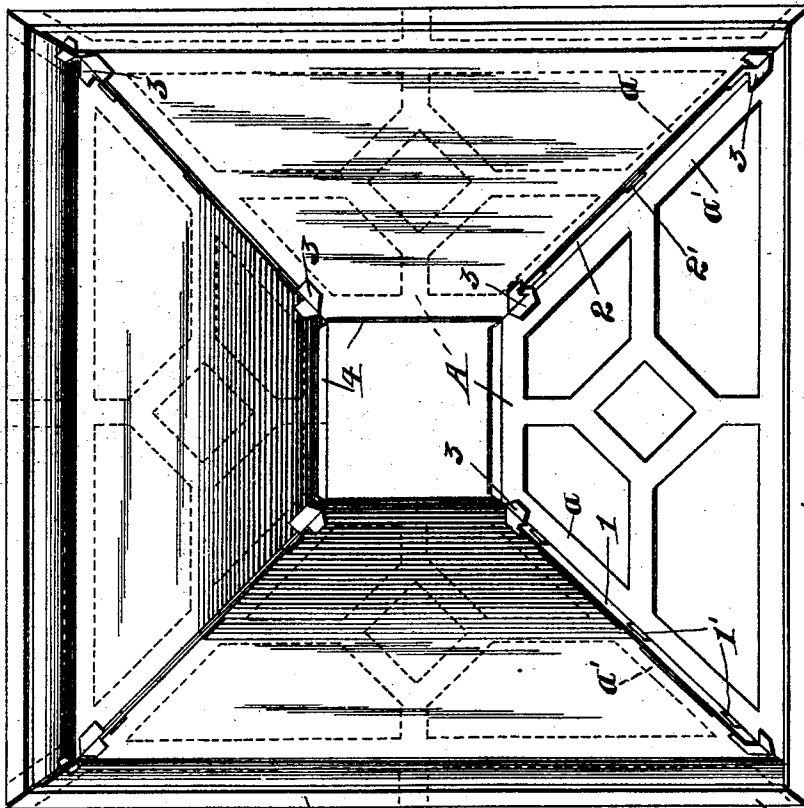


Fig. 1.

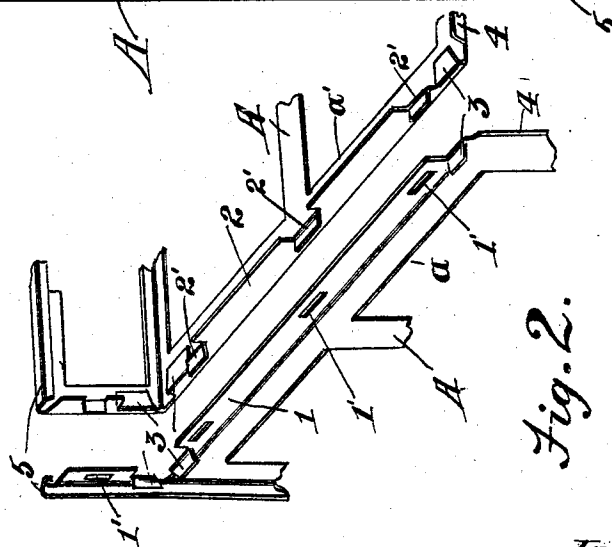


Fig. 2.

Witnesses:
A. W. Nelson
John R. Lippert

Inventor:
Frank S. Verbeck
by *[Signature]*
Att'y

UNITED STATES PATENT OFFICE.

FRANK S. VERBECK, OF CHICAGO, ILLINOIS.

ART LAMP-SHADE.

938,093.

Specification of Letters Patent.

Patented Oct. 26, 1909.

Application filed January 25, 1908. Serial No. 412,606.

To all whom it may concern:

Be it known that I, FRANK S. VERBECK, a citizen of the United States, and a resident of Chicago, Cook county, Illinois, have invented certain new and useful Improvements in Art Lamp-Shades, of which the following is a full, clear, and exact description, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to improvements in lamp shades and has particular reference to art lamp shades; that is, lamp shades comprising a number of pieces of art glass and a frame within which the pieces of glass are held.

The object of the invention is to provide an art lamp shade of improved construction, which may be quickly and easily assembled and which can be constructed at low cost.

The invention consists generally in a lamp shade comprising a plurality of sheet metal frames of suitable formation and design and pieces or panels of glass, said frames being so constructed as to interlock one with the other throughout and also hold the glass in place.

The invention will be more readily understood by reference to the accompanying drawings forming a part of this specification and in which;

Figure 1 is an interior perspective view of a lamp shade embodying the invention; and Fig. 2 is a perspective view of the flange portion of adjacent members.

The novel lamp shade shown in the drawings comprises four of the previously mentioned frames, each containing a piece or panel of glass. In the present case the frames are identical in size and form. Each frame, A, is complete in itself and a detailed description of one will serve for all. That portion of the frame which is visible on the exterior of the lamp shade presents the appearance of a number of bars and when the glass is secured in place the section thus completed compares favorably with so-called leaded glass. The marginal portions, *a*, *a'*, of the frame are provided with inwardly and downwardly turned flanges, 1 and 2. The flange, 1, is provided with a number of slots, 1', and the flange, 2, with a corresponding number of cut and bent-over portions, 2', which form lugs projecting outwardly from the flange, 2. The lugs, 2', of each of the frames, A, pass through the slots, 1', in

the flange of the abutting frame, A. When the lugs, 2', are bent the frames are thereby effectually interlocked. In this manner the frames are fastened together at numerous points throughout the shade, constituting as a whole a rigid and yet light frame. Each of the flanges, 1 and 2, is cut at a number of points and the small parts thus partially severed from the main portions form lugs, 3, which are bent down to secure the pieces of glass in respective frames. The lower and upper edges, 4 and 5, of each frame are formed into continuous flanges which give the shade the proper finish and neat appearance.

The common method of fastening a lamp shade frame of this type together is by soldering. This is a very slow and expensive method and for that reason is not entirely satisfactory. This invention obviates these disadvantages by providing a lamp shade which can be easily and quickly constructed, the cost of which is low and which in every respect fulfils its purpose.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. In combination, a frame for a lamp shade, comprising a plurality of sections having marginal flanges with integral complementary interlocking means carried by the respective flanges whereby the sections may be secured together, the said flanges being constructed and arranged to support a shade member.

2. A frame for a lamp shade comprising a plurality of sections having marginal flanges, a tongue formed integrally with one flange and a slot in the opposite flange whereby said sections may be secured together by interlocking the tongue with the slot and clamping said tongue, substantially as described.

3. A frame for a lamp shade comprising a plurality of sections, each section having in-turned marginal flanges, the flanges at one side of each section being provided with tongues, the flanges at the opposite side being provided with slots whereby said sections are secured together and means for holding a shade member between said flanges, substantially as described.

4. A frame for a lamp shade comprising a plurality of sections, each section having in-turned marginal flanges, the flanges at one side of each section being provided with

tongues, the flanges at the opposite side being provided with slots whereby said sections are secured together and means integral with said frame member to hold a shade member between said flanges, substantially as described.

5. A frame for a lamp shade comprising a plurality of sections having inturned marginal flanges, the opposite sides of each section being provided with tongues and slots respectively formed on the marginal flanges, said tongues being adapted to be inserted within the slots and clamped against one of the marginal flanges whereby said sections are secured together and clamping members formed integral with the inturned marginal flanges on each section for holding a shade member thereto, substantially as described.

6. A lamp shade comprising a plurality of metal frames having interlocking flanges whereby they are secured together, said flanges also providing the means for fastening panels of glass in respective frames and glass panels thus secured thereby, substantially as described.

7. A lamp shade comprising a plurality of independent metal frames, each provided

with inturned flanges, one of the flanges of each said frame being provided with a plurality of slots and the other with a plurality of lugs, said frames being secured together by the interlocking of the lugs with the slotted flanges throughout and the several flanges of said frames being provided with other lugs adapted to secure pieces of glass in respective frames, substantially as described.

8. A lamp shade comprising a plurality of metal frames and panels therein, each said frame being stamped from a single sheet of metal and provided with inwardly turned flanges disposed radially with respect to the vertical axis of the shade, the flanges of each said frame being formed to interlock with those of two others and serving also to secure said panels in said frames, substantially as described.

In testimony whereof, I have hereunto set my hand, this 21st day of January, 1908, in the presence of two subscribing witnesses.

FRANK S. VERBECK.

Witnesses:

CHARLES GILBERT HAWLEY,
JOHN R. LEFEVRE.