Aug. 31, 1926. 1,597,981

S. J. KAZ

LAMP SHADE CONSTRUCTION

Filed July 18, 1924

Fig. 1.

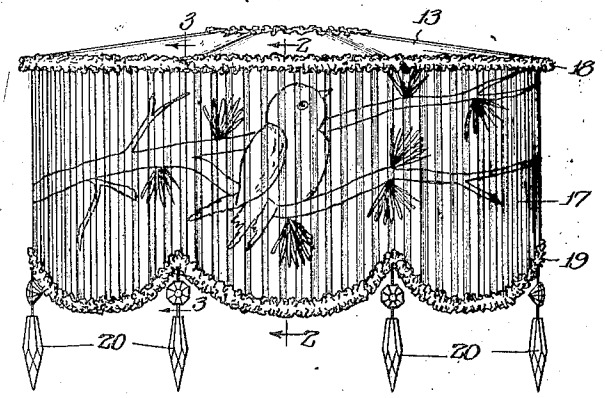


Fig. 2.

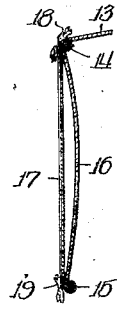


Fig. 3.

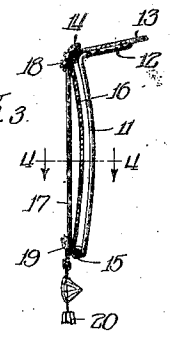


Fig. 4.

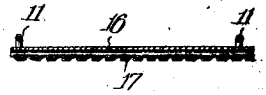


Fig. 5.

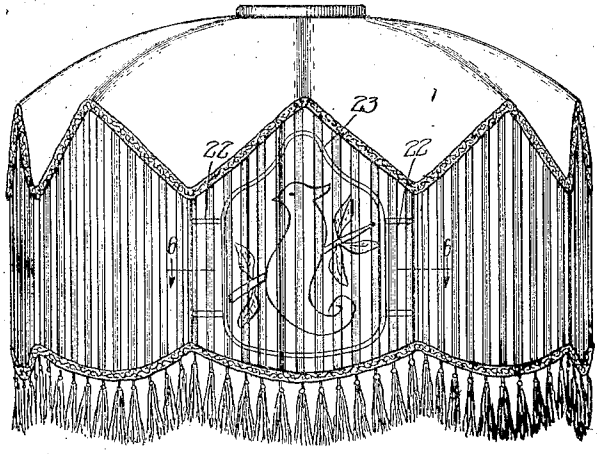
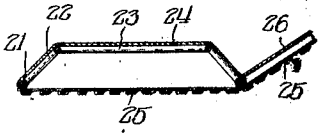


Fig. 6.



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UNITED STATES PATENT OFFICE.

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LAMP-SHADE CONSTRUCTION.

Application filed July 18, 1924. Serial No. 726,674.

This invention relates to a new and improved lamp shade construction and more particularly to the construction of lamp shades embodying a plurality of layers of material.

Certain lamp shades heretofore made have been covered with various types of oiled or varnished fabrics which have carried painted, tinseled, bead or other ornamentation. A serious defect of such shades lies in the fact that the tightly stretched oiled or varnished material is very easily punctured or broken. These facts cause considerable loss in manufacture and produce an expensive article which may be easily accidentally damaged in use.

Other lamps comprise layers of various forms of textile fabrics either translucent or substantially transparent. However, it is not in general practical to place ornamentation, especially by painting upon fabrics not treated by oil or varnish.

It is an object of the present invention to provide a lamp shade construction in which ornamented translucent surfaces are protected by substantially transparent layers.

It is a further object to provide a construction of this character in which the protected layers of fabric are spaced from the translucent layers, thus increasing the protection and also enhancing the artistic effect.

I have illustrated in the accompanying drawings, lamp shades constructed according to the present invention.

In the drawings:

Figure 1 is an elevation of one form of shade;

Figure 2 is a section on line 2—2 of Figure 1;

Figure 3 is a section on line 3—3 of Figure 1;

Figure 4 is a horizontal section taken on line 4—4 of Figure 3;

Figure 5 is an elevation of another form of construction; and

Figure 6 is a horizontal section taken on line 6—6 of Figure 5.

In the form of construction shown in Figures 1 to 4, the lamp shade comprises a supporting frame having vertical members 11, as best shown in Figure 3, these members having upper inwardly extending portions 12 which extend inwardly to any suitable device for securing the shade to a lamp or standard. The upper surface of the lamp shade is covered by any suitable fabric or other material 13. The vertical frame members 11 are encircled by an upper circumferential frame member 14 and a lower circumferential frame member 15.

An inner layer of translucent material 16 is carried by the frame members 14 and 15. This layer 16 is bowed inwardly as clearly shown in Figures 2 to 4, and extends inwardly of the plane of the outer face of the frame members. Upon this translucent layer 16 is painted or otherwise placed, the bird and branch design, shown in Figure 1, or any other desired design. The layer 17 of substantially transparent textile material, is stretched tightly between the outer faces of the frame members 14 and 15. The junction of the material with the frame members is covered by suitable braids 18 and 19 and the shade has been shown as further decorated with the glass drops 20.

As clearly appears in Figure 4, the textile material 17 is formed with a plurality of adjacently extending vertical pleats.

In the form of construction shown in Figures 5 and 6, the frame 21 is provided with inwardly extending portions 22 supporting a frame 23 which defines an inner panel. The layer of translucent material 24 is stretched around upon the inner sides of the frame and is thus materially spaced away from the outer layer 25 of substantially transparent textile material. This latter material has also been shown as provided with vertical pleats. The lamp shade may be provided with any desired number of inset panels and other portions of it may comprise portions 26 of translucent material spaced from the outer material 25 in the manner shown in Figures 2 to 4.

The layers of translucent material may consist of a wide range of materials, as, for example, oiled or varnished fabric or parchment or parchmentized paper or any similar material. The outer substantially transparent layer may also consist of a wide variety of fabrics, the one in general use being of georgette material.

The outer layer of fabrics has an important function in serving to protect the inner decorated layer which is subject to easy rupture or puncture. The layer 17 is tightly stretched and offers considerable resistance to blows and has a general cushioning effect

against intrusion of objects from the outside. The pleats in the outer layer adds considerably to its strength and efficiency in protecting the inner layer.

Aside from its mechanical function as a protection, the outer layer 17 has an important function in adding to the beauty of the shade. This layer of material, while substantially transparent, serves to shade and modify the design upon the inner layers, so that it is only dimly visible by light entering from the outside. On the other hand, when the lamp is lighted the light passing through the translucent material causes the design on the material to be distinctly brought out. The outer layer of material adds to the effect by its diffusion of the light and its action in imparting color to the transmitted light. When the designs include bird subjects, as shown, the pleating under transmitted light gives the effect of vertical bars to a cage.

While my invention has been shown as applied to two types of shade, it is obviously applicable to shades of various designs and construction and I contemplate such changes and modifications as come within the spirit and scope of the appended claims.

I claim:

1. A lamp shade or the like comprising a unitary supporting frame and layers of translucent and substantially transparent material carried by the frame, the transparent material being spaced outwardly from the translucent material.

2. A lamp shade or the like comprising a unitary supporting frame and layers of translucent and substantially transparent material carried by the frame, the transparent material being spaced outwardly from the translucent material, and a design formed upon the translucent material.

3. A lamp shade or the like comprising a unitary supporting frame, a layer of translucent material carried by the frame, a layer of substantially transparent textile material carried by the frame exteriorly of and spaced from the translucent material and a design formed upon the translucent material.

4. A lamp shade or the like comprising a unitary supporting frame, a layer of translucent material carried by the frame, a pleated layer of substantially transparent textile material carried by the frame exteriorly of and spaced from the translucent material and a design formed upon the translucent material.

5. A lamp shade or the like comprising a unitary supporting frame, a layer of translucent varnished fabric carried by the frame, a layer of substantially transparent textile material carried by the frame exteriorly of and spaced from the varnished fabric and a design upon the varnished fabric.

6. A lamp shade or the like comprising a supporting frame, a layer of translucent varnished fabric carried by the frame, a layer of substantially transparent textile material carried by the frame exteriorly of and spaced from the varnished fabric the textile layer having a plurality of adjacently placed vertically extending pleats, and a design upon the varnished fabric.

Signed at Chicago, Illinois, this 15th day of July, 1924.

SAMUEL J. KAZ.