This invention relates to a lamp shade construction.

It is an object of the present invention to provide a lamp shade construction which can be made out of wood which may match the furniture of the room or the wall finish of the room and wherein the construction can be made up of standard material available to interior decorators and with a few operations, the lamp construction can be quickly and easily assembled.

It is another object of the present invention to provide a custom made lamp shade wherein the shape of the shade can be easily distorted from the usual symmetrical shape in order to blend with the room furniture and characteristic features and wherein assembly of the lamp is effected as easily for this non-symmetrical shape as for the symmetrical shape.

Other objects of the present invention are to provide a lamp shade construction of the type as above mentioned which is simple, inexpensive to manufacture, has a minimum number of parts, has a minimum number of operations to assemble, has a pleasing appearance, sturdy and rugged and efficient in operation.

For other objects and for a better understanding of the invention, reference may be had to the following detailed description taken in connection with the accompanying drawing, in which:

Fig. 1 is a perspective view of a lamp shade constructed according to the present invention and of the lamp base.

Fig. 2 is an enlarged transverse sectional view of the lamp shade taken generally on line 2—2 of Fig. 1.

Fig. 3 is an enlarged perspective view of the blank from which the shade is made illustrating how the cutting of the strips is effected with the saws.

Fig. 4 is a fragmentary bottom edge view of the shade, taken generally on line 4—4 of Fig. 1.

Fig. 5 is a perspective view of the top ring support illustrating the manner in which the upper edge of the saw cut material is started upon the ring.

Fig. 6 is a perspective view of the bottom ring with a fragment of the material being started upon the ring.

Fig. 7 is a top plan view of a modified form of the invention.

Referring now to the figures, 10 represents a lamp base having feet portions 11. A cable cord 12 connects with the base and has a plug 13 thereon for connecting the lamp with a wall receptacle.

Extending upwardly from the base 10 is a pedestal support made of wood on other material and adapted to carry a lamp bulb 15. A bracket support 16 is fixed to the upper end of the pedestal 14 for receiving lamp shade 17. The upper end of the bracket 16 has a projection 18 on which can be placed upper lamp shade ring 19. This ring 19 has a hub 20 with an opening 21 therein through which the projection 18 on the upper end of the bracket 16 extends. The ring 19 is connected to the hub 20 by spokes 22. A nut 23 is secured to the threaded projection 18 to fix the ring structure 19 and the shade against upward displacement.

In carrying out the invention, a piece of foldable veneer material 24, Fig. 3, is used. This material has a veneer bevel strip 25 that has made secure by gluing with an adhesive a plurality of parallel pieces 26 adapted to prevent the bending of the veneer strip 25 vertically. Along the inner edge of these pieces 26 there is cut with a saw 27 notches 28 not far removed from the upper ends of the pieces 26. With another saw 29, there is cut, as illustrated in Fig. 3, end notches 30. Since the strip can be folded from end to end, it may be formed over a top ring 19 and a bottom ring 31. The top ring 19 can enter the notches 28 and when the ends of the veneer strip 25 overlap end piece 25' and secured by an adhesive or in any other manner, a lamp shade will be formed and the strip will be retained upon the rings 19 and 31 against displacement therefrom.

By fitting the ring 31 at the bottom of the shade into the notches 30, the strip 25 and its pieces 26 will be locked against outward displacement. The ring structure 19 will thus serve to support the strip and its pieces while the ring 31 holds the pieces 26 against outward expansion.

In Fig. 7, there is shown a non-symmetrical shade which can be easily formed by this method. A foldable piece 33 having veneer strips 34 and pieces 33 is cut in the manner illustrated in Fig. 3 with the piece 24 and placed in the same manner over a top frame 35 having a non-symmetrical rim 31 and a supporting hub 38. The bottom ring can be similarly shaped and similarly connected to the bottom edge of the piece 33. The ends of the piece 33 will be secured together as above described upon a vertical piece 35'.

While the piece 24 includes the veneer strip 25 and the members 26, it will be understood that a different type of piece 24, which is of a bendable nature and adapted to receive a saw cut, can be used. A piece which normally is flat but which
can be treated thereafter to make it bendable, is adequate for this purpose. The exterior finish of the piece and of the lamp can be of any color or configuration, depending upon the room finish and furniture the lamp is designed to match.

A method has accordingly been provided wherein by the use of simple saw cuts in a normally flat piece a lamp shade may be formed.

While various changes may be made in the detail construction and in the method of carrying out the construction, it shall be understood that such changes shall be within the spirit and scope of the present invention as defined by the appended claim.

I claim:

A lamp shade construction comprising a single piece of flexible sheet material curved into an integral shade body and having its ends joined together in abutting relationship to form a hollow cylinder, a plurality of closely circumferentially-spaced vertically-extending members fixed to the inner surface of the integral shade body, said vertically-extending members respectively having notches on their inner edges and adjacent their upper ends, an upper lamp shade ring disposed in said notches to serve as a support for the lamp shade, said vertically-extending members respectively further having notches in their lower ends spaced outwardly from their inner edges and extending in a direction normal to the notches in the upper ends and a bottom holding ring extending through the lower end notches to hold the vertically-extending members and the shade body against lateral displacement, said upper and lower rings being concealed from view by said shade body.

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References Cited in the file of this patent

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<thead>
<tr>
<th>UNITED STATES PATENTS</th>
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</thead>
<tbody>
<tr>
<td>Number</td>
</tr>
<tr>
<td>1,726,452</td>
</tr>
<tr>
<td>2,404,182</td>
</tr>
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<td>2,495,492</td>
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<tr>
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<tbody>
<tr>
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