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LAMP SHADE

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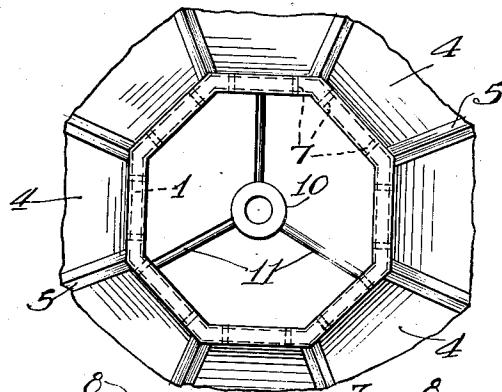


Fig. 1

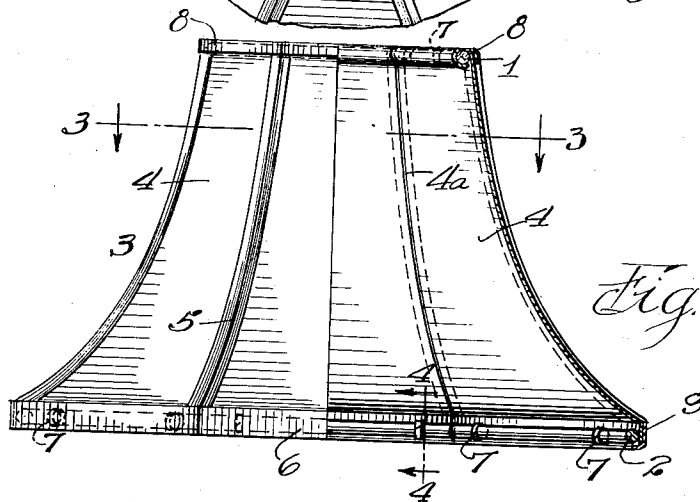


Fig. 2

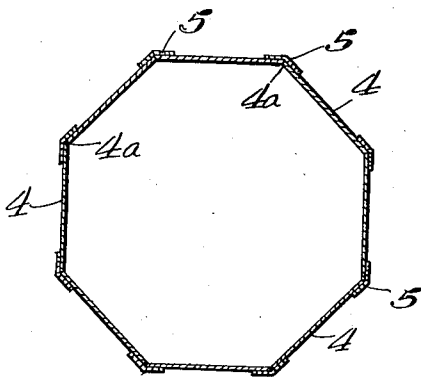


Fig. 3

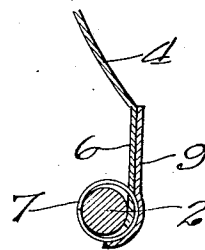


Fig. 4

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LAMP SHADE

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5 Claims. (Cl. 240—108)

The invention relates to lamp shades of the type wherein the material constituting the body portion of the shade, is disposed between upper and lower rings, the object of said invention being, not only to so strengthen such a body portion that it will be self-sustaining, but to impart to the shade, as a whole, a highly ornamental appearance.

A shade, embodying said invention, includes not only the upper and lower rings with which known lamp shades have been provided, but a body portion having especially-designed panels which are so shaped and united as to greatly strengthen and ornament said body portion.

These panels are tapered, and, furthermore, have abutting and united curved edges which, in the completed shade, constitute vertical strengthening ribs that render the employment of additional reinforcing elements unnecessary. Said ribs, furthermore, enhance the attractiveness of said panels.

The drawing reveals a preferred embodiment of the invention, but, as will be understood, various alterations in the shapes of the panels are possible without departing from the principle underlying the invention.

Figure 1 of the drawing is a plan view of the new shade;

Figure 2 is a view of the shade in elevation, with parts thereof broken away;

Figure 3 is a horizontal sectional view, taken on the line 3—3 of Figure 2; and

Figure 4 is a partial vertical sectional view, taken on the line 4—4 of Figure 2.

The shade is provided with upper and lower rings, 1, 2, which may be made of metal or any suitable material, but preferably, are made of wire. The body 3 of the shade may be reinforced or stiffened silk, paper or other suitable material, and has panels 4 which, at their abutting edges, are suitably united by strips of adherent tape 5. Said panels 4 are tapered, as shown, and have curved and abutting edges 4a. They are also so shaped at their lower ends as to provide the base of the shade with a vertical circumferential portion 6 which encloses the lower ring 2. Being thus tapered and curved, said panels 4, when united, constitute a ribbed shade body having a truncated pyramidal form which, due to its ribs, inherently possesses sufficient rigidity to render the shade body self-sustaining without the employment of any reinforcing devices.

The rings, 1, 2, may be secured to the body 3 of the shade in any desired way, a convenient means of attachment being wire staples 7 extending through said body and around said rings 1 and 2.

The shade, after the essential parts thereof have thus been united, may be provided with ornamental upper and lower strips 8, 9, which conceal the staples 7. These strips may or may not resemble the aforesaid adherent tapes 5.

In the manufacture of shades, fashioned as above described, translucent paper panels are detachably laid on the outer surfaces of a properly-shaped mandrel, with their curved edges in contact. While said panels are thus sustained in their respective positions, the strips of tape 5 are adhesively attached on to the abutting edges of said panels, the body 3 of the shade being thus completed.

Thereafter, said shade body 3 is removed from the mandrel, and the top ring 1 and the bottom ring 2 are placed in their respective positions within it. The staples 7 are then inserted to thereby secure said rings to said shade body.

The upper ring 1 may be provided with a spider 10, 11, whereby the shade can be attached to a suitable support.

The panels of the shade body, preferably, are made of a highly translucent paper, although they may be made of any other suitable material.

Having thus described the invention, what I claim is:

1. A lamp shade having a body portion of flexible sheet material, such as parchment paper, and including abutting, initially-independent linearly-curved and tapering panels, having inwardly-curved edges, which panels are united at said abutting edges to form stiffening ribs.

2. A lamp shade made according to claim 1, in which the panels are so shaped at their wider ends as to provide the shade with a vertical circumferential margin.

3. A lamp shade including upper and lower rings, and an intervening and self-sustaining body portion having initially-independent, tapering and linearly-curved panels of flexible sheet material, such as parchment paper, which panels have inwardly-curved edges that are united to form stiffening ribs, and which panels are also attached to said rings.

4. A lamp shade including upper and lower polygonal rings, and an intervening body portion having abutting, initially-independent and linearly-curved panels of flexible sheet material, such as parchment paper, the proximate edges of said panels being inwardly curved and the joints between said panels being covered with adherent strips of tape.

5. A lamp shade made according to claim 4, and having at its larger end a vertical circumferential margin to which a polygonal ring is attached.

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