UNITED STATES PATENT OFFICE

2,005,531

ADJUSTABLE PROTECTIVE TRANSPARENT LAMPSHADE COVER

Samuel J. Brandstein, Brooklyn, N. Y.

Application March 6, 1935, Serial No. 9941

13 Claims. (Cl. 150—53)

This invention relates to devices such as covers and lampshades and has particular reference to covers removably mounted over lampshades.

One object of this invention is to provide a device of the character described having improved means for retaining a cover on a lampshade in a reliable and yet quickly releasable manner.

Another object of the invention is the provision of a device of the nature set forth having few and simple parts, and which is inexpensive to manufacture, neat and compact in appearance, durable, reliable, convenient and efficient to a high degree in use.

Other objects and advantages of the invention will become apparent as the specification proceeds.

With the aforesaid objects in view, the invention consists in the novel combinations and arrangements of parts hereinafter described in their preferred embodiments, pointed out in the subjoined claims, and illustrated in the annexed drawing, wherein like parts are designated by the same reference characters throughout the several views.

In the drawing:

Figure 1 is a view in side elevation showing a device embodying the invention.

Figure 2 is a bottom plan view thereof.

Figure 3 is a vertical sectional view taken on the irregular line 3—3 of Figure 2, but showing the device applied tautly over a lampshade, with parts of the latter removed to clearly show the construction.

Figure 4 is a fragmentary horizontal sectional view through a marginal or hem portion of the device in a flat position thereof.

Figure 5 is a fragmentary enlarged view with parts in section showing a marginal portion and the stitching for securing the same.

Figure 6 is a slide hook for adjustably securing a tensioning device for the cover.

Figure 7 is a perspective view of a modified cover embodying the invention.

Figure 8 is a perspective view of a further modification of the invention.

The advantages of the invention as here outlined are best realized when all of its features and instrumentalities are combined in one and the same structure, but, useful devices may be produced embodying less than the whole.

It will be obvious to those skilled in the art to which the invention appertains, that the same may be incorporated in several different constructions. The accompanying drawing, therefore, is submitted merely as showing the preferred exemplification of the invention.

Referring in detail to the drawing, 10 denotes a device embodying the invention. The same may include a cover 12 made of a textile or composition fabric, such as a finely woven textile treated with oils or other compositions, or an oiled silk. Such fabric may be translucent, dust-proof and waterproof. Likewise materials such as paper, rubber, elastic textiles and Cellophane may be employed. The cover may be suitably colored and a design may be imprinted or otherwise applied thereto. The ornamentation of the lampshade, visible through the cover, may cause the device to have a sufficiently neat and attractive appearance. Generally speaking, the size, shape, and appearance of the cover may vary with the character of the article to which it is to be applied, and within the scope of the invention the cover is applicable to articles other than lampshades, and can act as a container for any such articles. If the cover be applied directly over a proper frame, it may constitute there with an article such as a lampshade.

The cover 10 may have the shape of a frustum of a cone, and may comprise a side wall 11 and a top wall 12. These may be fabricated in any suitable manner, as, for example, by making the side wall of a plurality of frusto conical sections and the top section of separate disc shape, and then stitching the different sections together in a manner well known in the art and hence not shown herein. The cover 10 may have a large bottom opening 13 to receive a lampshade 14 that may be mounted on a pedestal 15 or the like. If the latter have a top ornament 16, the top wall 12 may have an opening to receive the same. In general, ornaments such as 16 are conventional, provided with a downward extending stem 17 removable screwed into an axial hole of the top of the pedestal 15. By reinforcing the opening in the top wall 12, as by an eyelet 18, which affords a small opening that relatively snugly receives the stem 17, the ornament 16 may be utilized to releasably fasten the cover to the shade, without any other securing means being required. For example, the eyelet 18 may be clamped between angular shoulders 19, 20 on the ornament and pedestal respectively.

In order to cause the cover 10 to snugly hug the lampshade 14 to adequately protect the same from dust and the like, and to neatly maintain the contour of the lampshade, suitable means are provided at the lower marginal edge 21 of the cover for engaging under the lampshade and
hence also under any frame that may be embodied in the former. For this purpose, I may utilize elastic or drawstring means. Either of these alone possesses certain inherent disadvantages. For instance, if a continuous hem be provided at 21 and a string threaded therethrough, then upon pulling up on the string, the cover or marginal edge portion 21 is unevenly contracted the string binds, and hence the operator must keep on smoothing out the cover while pulling on the drawstring. This operation especially with a material such as oiled silk is rather tedious, as the string and the material tend to bind with each other. If an elastic band were provided extending continuously along the edge 21, then the cover in being stretched or the lampshade would tend to wear and mar the same. Obviously the operator could not expand the elastic at all points to slip it over the cover.

without causing an even greater contraction and wear at other points. Consequently I have provided a novel arrangement and interrelating of parts, calling for a combination of elastic and drawstring means to obtain the advantages of both without their disadvantages. This novel construction permits the cover to be quickly and conveniently applied to a lampshade, and permits expeditious removal of the cover as in the event that visitors are to be received.

Other advantages of the device may reside in combining the drawstring and elastic means in a continuous structure. For example, a strip of elastic material 22 may extend continuously along the lower edge of the wall 11 and folded over said edge to lie along opposite faces of the fabric. The strip 22 may afford a hem or the like, and regardless of the specific construction, the cover may have successive alternately disposed elastic and nonelastic portions 23 and 24 respectively, the nonelastic portions including the drawstring constructions. Each of these portions may be approximately 90 degrees in extent. The elastic portions are produced by stretching the band 22 at the sections 23 while stitching the band to the nonelastic material of the cover wall 11. Upon completing the stitching and releasing the pull, the band 22 contracts at the sections 23 to provide an effect such as shown in Fig. 7. In stitching the band 22 to the wall 11 at the sections 24, the band is not stretched and hence acts only subject to the drawstring. Of course the hem for the sections 24 may consist of nonelastic material but the manufacture is much more rapid with the construction shown.

In sewing the band 22 to the cover wall 11, I preferably use a cross or zigzag stitching such as that shown at 25 which affords the maximum yield when the band 22 is stretched, the thread of the stitching by reason of its angular formation readily accommodating itself to the pull thereon.

Each section 24 may include a plurality of cords 26 extending toward each other from the ends of the section. Thus, as shown in Fig. 4, each cord may be secured by a stitching 27, and extends thence within the cross stitching 25 which straddles the cord theretofore to emerge at a hole 28 in a side of the hem. The emergent end of cords 26 may be pulled tight and tied in a knot for each section 24.

To afford a quick securing means and one which shall not require the tying of a knot nor depend upon the tightness of the knot, and which shall moreover, exert a positive reliable hold at the elastically held portions 23, I provide the latter with fastener means 30 for complementary fastener elements 30 on the cords ends 28. For example, at the center of each section 23, I may provide an eyelet 29, and at the end of each cord a hook element 30 so that a pair of the latter shall be engageable in said eyelet 29. By crossing the cords at the hole 28, each cord extends in its same general direction toward its eyelet 29. In this manner the pull on the cord is even, and each cord underlies the lampshade at an elastic section 23. Hence the latter are positively downwardly held in said position, with the elasticity distributing the pull.

In order to permit adjustment of the fastener elements 30 along the cords, each fastener element may comprise a split tubular conical shank 31 for yieldably slidably gripping around a cord 26, and the hook 32 extending from said shank. Thus the cords may be adjusted for the proper tension.

In Fig. 7 I show a modified cover 36 which may in all respects be said like the cover 10, except that the fastener elements 30 are omitted, and a plurality of eyelets 29 are being provided in place 25 of each of the eyes 30, so that the cords 25 may be passed each through its individual eye and then knotted together as shown at 34.

In Fig. 8 I show a modified cover 35 having a continuous elastic marginal band 26 folded upward longitudinally as shown in Fig. 5 to overlie opposite faces of the cover wall and being stitched thereto as by a stitching 25. The folded construction of the elastic band 36 affords double strength to tautly hold the cover on a lampshade, the marginal portion being ruffled by the elastic band to underlie the lower edge of the lampshade.

I claim:

1. A lampshade cover having a side wall 40 adapted to continuously embrace a lampshade, a strip of elastic material longitudinally folded over the lower edge of said wall and extending therealong and providing portions lying on opposite faces of said wall, said strip being elastically extended relative to said wall, and which shall contract the lower edge thereof, and means flexibly connecting the portions of said strip to the edge portion of said wall, whereby a double strength elastic control for securing the cover on a lampshade is provided.

2. A cover for a lampshade including a side wall adapted to continuously embrace a lampshade and being open at the bottom to receive the same, and a continuous strip of elastic binding secured to the bottom edge of the cover, said binding having one section adapted to elastically contract the corresponding marginal portion, and having another section incapable of elastically contracting its corresponding marginal portion, and releasable means associated with the last named section for contracting the same independently of the elastic character of the strip.

3. A lampshade cover having a side wall adapted to continuously embrace a lampshade, said wall being open at the bottom to receive the lampshade, the marginal portion of said opening having spaced hems for spaced sections of said wall, and individual draw strings for said hems, whereby the said marginal portion can be contracted under the lampshade by rapid contraction of the individual hems.

4. A lampshade cover having a side wall adapted to continuously embrace a lampshade 76
and being open at the bottom, a hem and a plurality of draw strings therein at one section of the bottom marginal portion of said wall, said hem having an opening, said strings extending in opposite directions toward said opening and being crossed at said opening and extending out of the latter, and means for releasably connecting the ends of the draw strings to different sections of the marginal portion adjoining the section mentioned.

5. A lampshade cover including a side wall adapted to embrace a lampshade and being open at the bottom, cords connected to the lower edge of the cover at spaced points, said cords crossing each other and having their ends removably connected to remote points of said lower edge to retain the cover on the lampshade.

6. A lampshade cover having an elastic hem, a zigzag stitching for the hem, a draw string in the hem for contracting the cover, said stitching passing through the hem at points on opposite sides of the draw string to permit movement thereof through the hem.

7. A conoidal lampshade cover including a side wall adapted to embrace a lampshade and being open at the bottom, and means for removably securing said cover on the lampshade, said means including a cord connected at one end to a marginal portion of said wall at the bottom thereof, said cord extending across the bottom opening and having its opposite end provided with a fastener portion, and a fastener portion for detachably engaging the latter and being connected to said marginal portion at a point remote from the first named point of connection of the cord, whereby the cord is adapted to underlie the lampshade, and the fastener portions constituting male and female interengaging means, as set forth.

8. A lampshade cover having a top wall, a circularly continuous side wall depending from the top wall and being full open at the bottom thereof, a strip of elastic material extending longitudinally along the lower edge of the side wall and being folded over said lower edge to provide portions lying on opposite sides of said wall, said strip being loosely stitched to the side wall along said edge and the side wall being ruffled transversely relative to said strip to permit said strip to be stretched and the side wall expanded along said edge so that the cover can engage over a lampshade.

9. In combination with a lampshade having a pedestal and an ornamental element removably mounted on the top of the pedestal and providing a clamping recess thereon, a cover for the lampshade, said cover having a top wall and a depending side wall, said top wall having a centralizing opening, said opening being adapted to receive a portion of said element and said top wall having a marginal portion of said opening clamped in said recess by said element, the side wall being circularly continuously open at its lower edge, and an elastic strip member extending along the said lower edge and folded to constitute a hem for said lower edge, said strip member being stitched to the side wall along said lower edge so as to be movable relatively thereto in expanding and contracting the side wall at the lower edge, whereby the cover is caused to engage under the lampshade at the strip in uniform holding relation with respect to said opening.

10. A lampshade cover having a circularly continuous side wall open at its bottom to receive the lampshade, means connected to the top of the side wall adapted to mount the cover on the shade, the lower edge of the side wall having spaced elastic portions and intervening hem portions, extending along the lower edge, and draw string means for the individual hems, whereby the elastic and hem portions can be used to continuously engage under a lampshade for securing the cover thereon.

11. A lampshade cover having a circularly continuous side wall open at its bottom to receive the lampshade, means connected to the top of the side wall adapted to mount the cover on the shade, the lower edge of the side wall having a continuous hem forming elastic strip portion connected thereto, spaced sections of the side wall being transversely ruffled relative to said strip so as to be extensible therewith, intervening portions of the side wall being smooth so as to prevent extension thereof and of the strip at said intervening portions, an individual drawing string means for the said intervening portions in the hem portions thereof.

12. A lampshade cover having a circularly continuous side wall open at its bottom to receive the lampshade, means connected to the top of the side wall adapted to mount the cover on the shade, the lower edge of the side wall having a continuous hem forming elastic strip portion connected thereto, spaced sections of the side wall being transversely ruffled relative to said strip so as to be extensible therewith, intervening portions of the side wall being smooth so as to prevent extension thereof and of the strip at said intervening portions, and individual drawing string means for the said intervening portions in the hem portions thereof, each hem portion for an intervening wall portion having an opening intermediate of its ends, the draw strings in each of said hem portions being secured thereto remotely from said opening and extending out through said opening and being crossed thereat, and means releasably connecting the free ends of the draw strings of each of said hem portions to the side wall sections at opposite ends of the hem portion.

13. A lampshade cover according to claim 12, wherein said means comprises an eyelet secured to each side wall section, and hook elements secured to the ends of the strings, and a pair of said hook elements being engageable with each eyelet.

SAMUEL J. BRANDSTEIN.