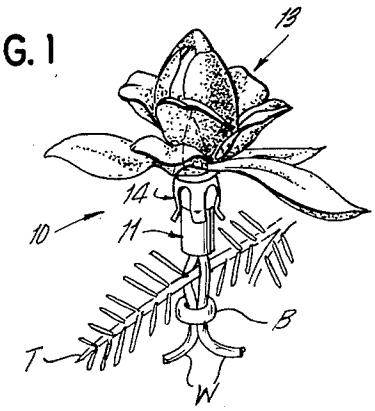
Aug. 21, 1962 A. ABRAMSON 3,050,619

DISPLAY OUTFITS WITH SEPARABLE DECORATIVE FLORAL COVER CONSTRUCTIONS

Filed Oct. 2, 1959

FIG. 1



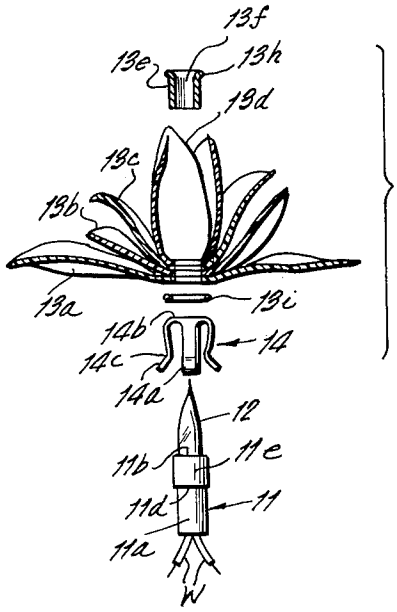




FIG. 2

FIG. 3

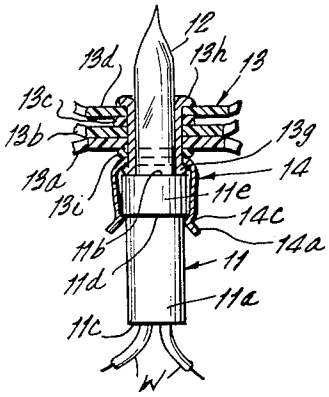



FIG. 4

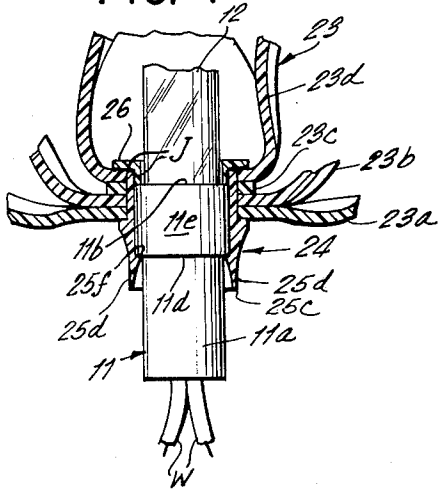
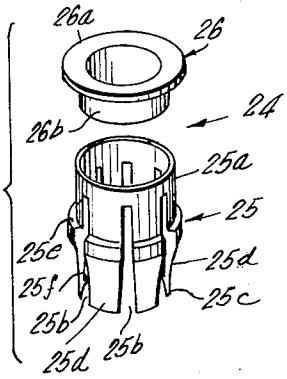



FIG. 5




INVENTOR.
Abraham Abramson

BY

Barnett & Barnett
ATTORNEYS

United States Patent Office 3,050,619 Patented Aug. 21, 1962



3,050,619

# DISPLAY OUTFITS WITH SEPARABLE DECORATIVE FLORAL COVER CONSTRUCTIONS

Abraham Abramson, New York, N.Y., assignor to Raylite Electric Corp., Bronx, N.Y., a corporation of New York

Filed Oct. 2, 1959, Ser. No. 844,131
4 Claims. (Cl. 240—10)

This invention relates to portable electrically lighted outfits such as used in decorative displays for Christmas trees, for stringing about door and window trim, and for other ornamental illumination purposes. More particularly, the invention is directed to improvements in lighted floral displays whereby removable attachment of translucent floral units to electric light sockets may be readily accomplished.

Among the objects of the invention is the general improvement of devices of the character described which shall comprise few and simple parts that are readily and easily assembled to form a rugged yet neat appearing structure, which shall be relatively inexpensive to manufacture in quantity production, which shall provide attractive and appealing illuminated floral display units having interchangeable and removable simulated flowers serving as covers for miniature electric lamps which flowers or covers shall incorporate a releasable means for mounting on the electric socket housing, and which shall be practical and efficient to a high degree in use.

Other objects of the invention will in part be obvious and in part hereinafter pointed out.

The invention accordingly consists of features of construction, combination of elements and arrangements of parts which will be exemplified in the constructions hereinafter disclosed, the scope of the application of which will be indicated in the claims following.

In the accompanying drawing in which various illustrative embodiments of the invention are shown:

FIG. 1 is a perspective view of an illuminable floral display unit embodying the invention shown mounted in position on a Christmas tree branch.

FIG. 2 is an exploded view partly in section of the floral display unit showing details of construction of the ornamental simulated flower.

FIG. 3 is a fragmentary longitudinal sectional view of the unit illustrated in FIG. 1.

FIG. 4 is an enlarged fragmentary sectional view similar to FIG. 3 but of a modified form of the invention, and

FIG. 5 is an exploded perspective view of the novel coupling means shown in FIG. 4.

Referring in detail to the drawing, and more particularly to FIGS. 1, 2 and 3, **10** denotes generally one of the illuminated floral display units of a string of such units constituting a display lighting outfit of the type used for Christmas tree lighting purposes. Unit **10** is seen to include a lamp socket **11** having a molded housing or husk **11***a* of any suitable electrical insulating material, such as a resinous plastic, an electric lamp **12** seated in and extending up from an upper end **11***b* of the husk **11***a*, a pair of lead wires W entering the opposite lower end **11***c* of husk **11***a* and a simulated decorative removable and interchangeable floral cover **13** for said lamp **12**.

Socket **11** may be of any conventional construction well known in the art for screw mounting and electrically energizing lamp **12** through lead wires W. A stepped shoulder **11***d*, forming an upper edge rim or border **11***e* adjacent upper end **11***b* of an enlarged diameter with relation to that of the body of husk **11***a*, is engaged by resilient prongs **14***a* extending from gripper **14** carried by floral cover **13** providing a snap-on quick detachable interconnecting means, between socket **11** and cover **13**.



Floral cover **13** may be fashioned to simulate a particular flower, such as a rose bud shown in FIG. 2, from a plurality of floral elements **13***a*, **13***b*, **13***c* and **13***d* superimposed in concentric relation and riveted together by a grommet or eyelet **13***e*. Floral elements **13***a*, **13***b*, **13***c* and **13***d* may be molded of colored translucent resinous plastic, such as polyethylene, bottom element **13***a*, for example, being green and molded to simulate a leaf structure, elements **13***b*, **13***c* and **13***d* being pink or any other desired floral color and molded to simulate different sized and shaped petals constituting a bloom.

Eyelet **13***e* is seen in FIGS. 2 and 3 to have a central opening **13***f* sized to accommodate the body of lamp **12** and to permit abutment of lower bead **13***g* thereof against upper end **11***b* of husk **11***a*. Also clinched between upper bead **13***h* and lower bead **13***g* is a retaining washer **13***i* and attachment ring portion **14***b* of gripper **14**. The latter is seen to comprise ring portion **14***b* having symmetrically spaced depending prongs **14***a* which are shaped and sized to resiliently embrace husk border **11***e* and have indentations **14***c* adjacent the free end thereof which lock under shoulder **11***d*.

A feature of the invention is the simplified construction of the floral cover **13** and its snap-on prong arrangement whereby different flowers, for example, simulated rose buds or poinsettias of various desired colors may be readily mounted on husk **11***a*. One of the intended applications of the invention is the use of floral covers **13** in combination with husks and lamps of a so-called midget size which render attractive design impression on Christmas trees in that each lamp provides a relatively intense pinpoint of light. In practicing the invention any number of such midget size lamps may be modified by snapping on a floral cover **13**.

The practical application and utility of the invention will now be apparent. After constructing the parts as above described and shown in FIGS. 1, 2 and 3, floral cover **13** is assembled by clinching floral elements **13***a*, **13***b*, **13***c* and **13***d*, washer **13***i* and gripper ring portion **14***b* together on eyelet **13***e* in the well understood manner. Floral covers **13** may be readily detachably mounted selectively on husks **11***a* of a string of sockets **11** by slipping central openings **13***f* of eyelets **13***e* over lamps **12**, lower diverging ends of prongs **14***a* being arranged to easily cause the latter to spread and slide over husk upper borders **11***e* until indentations **14***c* engage shoulders **11***d* in snap-on relation. Prongs **14***a* may be sized to properly seat and retain lower bead **13***g* of eyelet **13***e* on husk upper end **11***b*.

The string of sockets **11** may be wired in parallel or in series and dispersed in an attractive arrangement on the tree in the well understood manner. Each socket may have clip means (not shown) for attachment to a Christmas tree branch T or a slidable bead B may be carried on the wiring W below each socket **11** to form a conventional slip loop attachment means as is clear from FIG. 1.

Floral covers **13** are readily removed from sockets **11** for replacement of a burned out lamp or for interchange with another floral type or color or when use of lamp **12** without a cover is desired by grasping husk **11***a* in one hand and cover **13** in the other and exerting a relatively slight separating force sufficient to unsnap prong indentations **14***c* from engagement under shoulder **11***d*. If desired this may be accomplished without removing sockets **11** from tree branches T.

A modified form of floral cover **23** is shown in FIGS. 4 and 5 to comprise floral elements **23***a*, **23***b*, **23***c* and **23***d* similar to elements **13***a*, **13***b*, **13***c* and **13***d* of floral cover **13**, and a fitting **24** which takes place of eyelet **13***e*, retaining washer **13***i* and gripper **14**. As is clear from FIG. 5 fitting **24** is formed as a two piece molded plastic mem-

ber which when cemented together as shown in FIG. 4 serves to retain floral elements **23***a*, **23***b*, **23***c* and **23***d* in concentric alignment and provides means for gripping husk **11***a*.

Thus fitting **24** is seen to comprise a flanged sleeve **26** and a tubular member **25** having a series of equally spaced slots **25***b* extending parallel to the axis of member **25** from the lower end **25***c* terminating short of upper end **25***a* and forming resilient legs **25***d* therebetween. Each leg has an external ledge or shoulder **25***e* spaced from upper end **25***a* and tapers in thickness toward lower end **25***c*, said taper being interrupted on the inner side by an inward protuberance **25***f*. Flanged sleeve **26** has a sleeve portion **26***b* for telescopingly engaging in the tubular member upper end **25***a* and a radial flange **26***a* which extends beyond the external diameter of member **25** to coact with ledges **25***e* in clampingly retaining floral elements **23***a*, **23***b*, **23***c* and **23***d* therebetween.

Floral cover **23** is readily assembled by threading floral elements **23***a*, **23***b*, **23***c* and **23***d* onto tubular member **25** to rest on ledges **25***e*, then inserting sleeve **26** into tubular member **25** and adhesively or heat sealing the parts together to form a bonded joint J therebetween.

Floral cover **23** will then be used in the same manner as hereinbefore described with reference to cover **13**. As is clear from FIG. 4, fitting **24** may be sized to seat the interior edge of sleeve portion **26***b* or husk upper end **11***b* when inward protuberances **25***f* engage under stepped shoulder **11***d*.

It is thus seen that there is provided improved separable decorative floral cover constructions whereby the several objects of this invention are achieved and which are well adapted to meet the conditions of practical use.

As various possible embodiments might be made of the above invention, and as various changes might be made in the embodiments above set forth, it is to be understood that all matters herein set forth or shown in the accompanying drawing are to be interpreted as illustrative and not in a limiting sense.

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

1. In combination, an electric socket for portable lighting outfits having a husk formed with an open lamp receiving end, an electric lamp mounted in said socket and projecting from said open end, said husk having a border of enlarged diameter adjacent said end defined by a shoulder spaced from said end, a detachable floral cover for said socket and lamp comprising leaf and petal elements each having a central opening, a grommet means extending through said central openings retaining said leaf and petal elements in concentric stacked relation, and prong means attached to said grommet means spanning said border and releasably engaging said shoulder to permit snap-on seating of said cover on said husk open end with said lamp extending through the grommet means and removal therefrom.

2. A portable display unit of the character described, an electric socket including a husk formed with an open lamp receiving end, an electric lamp mounted in said socket and projecting from said open end, said husk having a border of enlarged diameter adjacent said end defined by a shoulder spaced from said end, a detachable floral cover for said socket and lamp comprising leaf and petal elements each having a central opening, an eyelet extending through said central openings retaining said leaf and petal elements in concentric stacked relation, a gripper member secured beneath said elements in clinched relation therewith by said eyelet, said eyelet having a bore through which said lamp extends, said gripper member having resilient prongs snapping said border and releasably engaging said shoulder to permit snap-on seating of said cover on said husk open end and removal therefrom.



3. In a portable display unit of the character described having electric sockets each having a husk formed with an open lamp receiving end, an electric lamp mounted in each of said sockets and projecting from said open end, each husk having a border of enlarged diameter adjacent said end defined by a shoulder spaced from said end, a detachable floral cover for each of said sockets and lamps comprising leaf and petal elements, each of said elements having a central opening, an eyelet extending through the central openings of the elements of each cover retaining said elements in concentric stacked relation, each eyelet having a bore through which said lamp extends, a gripper member having an attachment ring portion concentrically positioned with respect to said central openings of said elements secured therebeneath in clinched relation by said eyelet, said ring portion having depending resilient prongs symmetrically spaced about said ring portion to extend across and beyond said husk border, each prong having an indentation adjacent a free end thereof spaced from said ring portion to releasably engage said shoulder to permit snap-on seating of said cover on said husk open end and removal therefrom.

4. In a portable display unit of the character described having electric sockets each including a husk formed with an open lamp receiving end, an electric lamp mounted in each of said sockets and projecting from said open end, each husk having a border of enlarged diameter adjacent said end defined by a shoulder spaced from said end, a detachable floral cover for each of said sockets and lamps comprising leaf and petal elements, each of said elements having a central opening, a molded plastic fitting extending through said central openings retaining said elements in concentric stacked relation, said fitting including a tubular member and a sleeve having a radial flange, said sleeve telescopingly engaging one end of the tubular member with said flange positioned against said end and extending radially beyond the surface of the member, external shoulder means formed on said sleeve spaced from said first end, said flange and shoulder means clinching said leaf and petal elements therebetween, said tubular member being slotted longitudinally from the end opposite said first end to form resilient legs spanning said husk upper border, said sleeve being sized to receive said lamp therethrough and to serve as a stop abutting a top edge of said husk for seating said cover thereon, said legs each having an inwardly extending protuberance releasably engaging said shoulder to permit snap-on seating of said cover on the husk and removal therefrom.

**References Cited** in the file of this patent

UNITED STATES PATENTS

| | | |
|---|---|---|
| 704,711 | Carlstedt | July 15, 1902 |
| 2,664,497 | Reynalds | Dec. 29, 1953 |
| 2,758,198 | Kronhaus | Aug. 7, 1956 |

FOREIGN PATENTS

| | | |
|---|---|---|
| 517,588 | Great Britain | Feb. 2, 1930 |