April 26, 1938. A. L. BUSCHMAN 2,115,358

DECORATIVE ILLUMINATED DEVICE

Filed Feb. 25, 1935

FIG.1.



FIG.2.

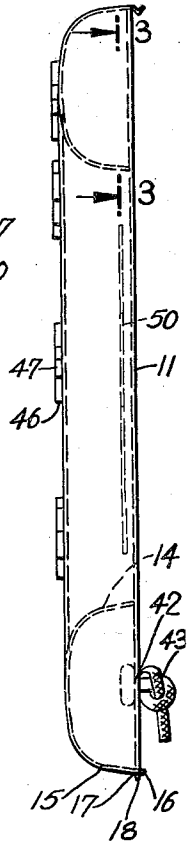


FIG.2a.

FIG.3.

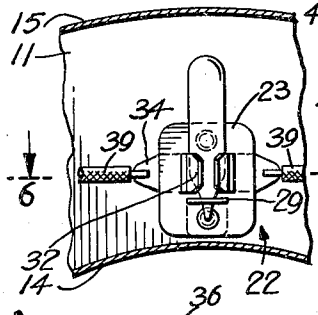


FIG.4.

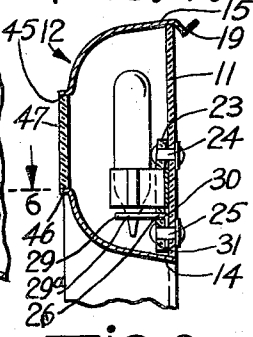


FIG.7.

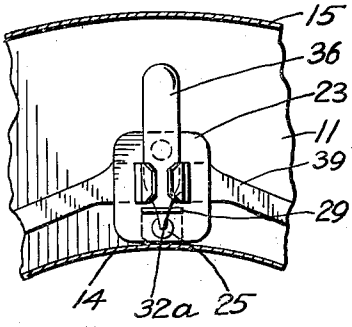


FIG.5.

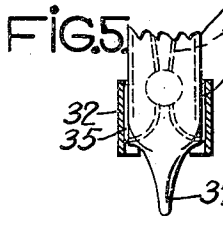
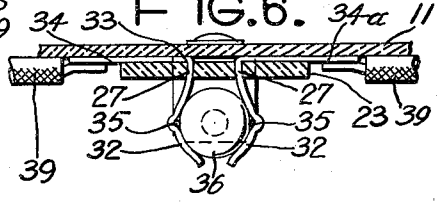


FIG.6.



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DECORATIVE ILLUMINATED DEVICE

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9 Claims. (Cl. 240—10)

This invention relates to decorative illuminated devices, such as Christmas wreaths and the like articles.

An object of the invention is to provide a neat and ornamental device of the character described which shall be comparatively inexpensive to manufacture, comprise few and simple parts, be easy to assemble and disassemble and which shall yet be attractive in appearance and practical and efficient to a high degree.

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

The invention accordingly consists in the features of construction, combinations of elements, and arrangement of parts which will be exemplified in the construction hereinafter described, and of which the scope of application will be indicated in the following claims.

In the accompanying drawing, in which is shown one of the various possible embodiments of this invention,

Fig. 1 is a front view of a device embodying the invention with parts broken away to show the interior construction;

Fig. 2 is a side elevational view of the device shown in Fig. 1;

Fig. 2*a* is a detail view of a portion of the wreath;

Fig. 3 is a cross-sectional view taken on line 3—3 of Fig. 2;

Fig. 4 is a cross-sectional view taken on line 4—4 of Fig. 1;

Fig. 5 is an enlarged detail view of a portion of the lamp and its holder;

Fig. 6 is a cross-sectional view taken on line 6—6 of Fig. 3; and

Fig. 7 is a view similar to Fig. 3 but illustrating a modified construction.

Referring now in detail to the drawing, 10 designates a device embodying the invention here shown for the purpose of illustration in the form of a decorative Christmas wreath. The device 10 comprises a flat annular backing member 11 made of any suitable insulating material and an annular member 12 of substantially semi-circular or channel cross-section, fitted on and attached to the member 11. The member 11 may be received just within the inner and outer circular rims or end edges 14 and 15 of the member 12. At the bottom of the member 12, the outer rim 15 is formed with a tab or extension 16 having a slot 17 receiving therethrough a tab or extension 18 on the member 11. At a diametrically opposite point from the tab 18 the outer rim 15 of member 12 is formed with a resilient extension 19 adapted to engage the outer edge of the member 11. The member 11 is thus retained in assembled position by the tab 18 within the slot 17 and the spring extension 19 engaging the outer edge of the member 11.

Fixed to the inner surface of the member 11 are a plurality of spaced radially extending similar lamp mountings 22. Each mounting 22 comprises a flat substantially rectangular plate 23 of insulating material fixed to the inner surface of the member 11 by a pair of spaced rivets 24 and 25. Each plate 23 is formed with a perpendicular slot 26 and a pair of parallel slots 27 disposed on opposite sides of the slot 26 and disposed perpendicular thereto. Extending through the slot 26 is an arm 29 of an angle-shaped member 30, said member having an arm 31 disposed between the plate 23 and the member 17 and being formed with an opening for the rivet 25. Arm 29 has an opening 29*a* for the purpose hereinafter appearing.

Extending through the parallel slots 27 are arms 32 of symmetrical members 33, each having an outwardly extending arm 34 lying flat against the inner surface of the member 11 and disposed between the plate 23 and said member 11. The arms 34 preferably extend beyond the side edges of the plate 23 as at 34*a*. The arms 32 are curved inwardly and are formed with parallel grooves 35 on the inner surfaces thereof. Said arms 32 are preferably resilient; and frictionally received between said arms is an electric incandescent lamp or bulb 36 having a downwardly projecting portion 37 received within opening 29*a* in the arm 29 of member 30. Within the lamp 36 is a filament 38 having parallel terminal portions 39 extending exteriorly of the lamp at diametrically opposite sides thereof and adapted to be received within the grooves 35 of the arms 32. The filament thus has electrical contact with the arms 32.

The members 33 are insulated from one another when the lamp 36 is removed. However, when said lamp is inserted between the arms 32, the filament interconnects said arms. The portions 34*a* of the arms 34 which project beyond the plate 23 are interconnected to projecting portions of the next adjacent members 23 by electric wires 39 for connecting the lamps in series circuit. The end wires 40 for the series connection may be knotted as at 41 at the bottom of the member 11. Said wires then pass through an opening 42 in said member and are knotted as at 43 on the outside of said member. The wires 40 may be attached to any suitable electric attachment fitting (not shown) for connection to a source of electric

current. It will be noted that the lamps **36** are connected in series circuit and may be easily removed for replacement should the filament break.

The member **12** may be formed with a plurality of openings **45** of any suitable ornamental shape, for example, star-shaped, as shown in Fig. 1 of the drawing for the purpose of illustration. Outwardly extending flanges **46** may be formed at said openings and received within said openings, and attached to said flanges by cement or in any other suitable manner are plates or discs **47** of any suitable light transmitting material.

There may also be attached to the inner edges of the member **12** ornamental members **50** located in the plane of member **11** and in the central opening of said member. The members **50** may be made of sheet material and may be of any suitable ornamental shape, for example, spelling the words "Merry Xmas". The ends of said members **50** may be cemented or otherwise attached to the inner edges of said member **12**.

In Fig. 7 there is shown a modified construction wherein the resilient gripping arms **32***a* which grip the bulb or lamp **36** are integrally connected with conductors **39** attached to the inner surface of the member **11**.

It will be further noted that the lamps **36** are not aligned with members **47**, to eliminate glare through said members. The lamp mounting units and lamp may be first assembled on member **11** which may then be attached to member **12**. If a lamp burns out, the member **11** may easily be removed to permit replacement of said lamp.

It will thus be seen that there is provided a device in which the several objects of this invention are achieved, and which is 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 embodiment above set forth, it is to be understood that all matter herein set forth or shown in the accompanying drawing, is 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. A decorative illuminating wreath of the character described and adapted to be illuminated from within comprising a disk member, an annular opaque member of channel-shaped cross-section attached to said disk member in such manner that said first member closes the channel in said channel-shaped member to form a substantially light-proof channel, a plurality of lamp receiving units attached to the inner surface of said disk, said lamp units being interconnected by electrical conductors, and a lamp mounted on each unit adapted to illuminate the interior of said channel.

2. A decorative unit of the character described adapted to be illuminated from within, comprising a ring-like opaque member of channel-shaped cross-section, a disk member, having a tab extension on the outer periphery thereof, closing the rear of said channel to make the same substantially light proof, the outer rim edge of said channel being formed with a slot receiving said tab extension therethrough, and a resilient tab on said ring-like member, spaced from said slot and engaging an edge of said first flat member.

3. A decorative unit of the character described adapted to be illuminated from within, comprising a ring-like member of channel-shaped cross-section, an annular flat member, having a tab extension on the outer periphery thereof, closing the rear of said channel member, the outer rim edge of said channel member being formed with a slot receiving said tab extension therethrough, a resilient tab on said ring-like member, spaced from said slot and engaging an edge of said first flat member, said ring-like member being formed with a plurality of openings and translucent coverings for said openings adapted to transmit light, and a source of light in said channel adapted to shine through said coverings.

4. A decorative illuminating unit comprising an annular member of channel-shaped cross-section, an annular flat member, having a tab extension on the outer periphery thereof, closing the rear of said channel-shaped member, the outer rim edge of said channel-shaped member being formed with a slot receiving said tab extension therethrough, a resilient tab on said channel-shaped member, spaced from said slot and engaging an edge of said first flat member, said channel-shaped member being formed with a plurality of openings and light transmitting members within said opening, and a plurality of lamps mounted on the inner side of the first member and being disaligned with respect to said openings.

5. A decorative illuminating Christmas wreath comprising a flat annular member, an annular member of channel-shaped cross-section removably attached to said first member, whereby said first member closes the channel of said second member, a plurality of lamps attached to the inner side of said first member, said channel-shaped member being formed with a plurality of window openings and light transmitting members within said openings, said lamps being disaligned with respect to said window openings.

6. A decorative illuminating Christmas wreath comprising a flat annular member having a central decorative portion, a second annular member having a portion adjacent the periphery thereof of channel-shaped cross section and a central aperture therethrough, means for removably attaching said second member to said first member whereby said first member closes the channel of said second member and the said central decorative portion of said first member is visible through said aperture, and a plurality of lamps attached to the inner side of said first member and disposed within said channel portion of said second member.

7. A lamp socket for a decorative device of the character described adapted to be illuminated from within, comprising a member, an insulating plate attached thereto, said plate being provided with a slot and a pair of slots disposed on opposite sides of said first slot, an angle-shaped member having an arm extending through said first slot, said arm being provided with an aperture adapted to support a portion of an electric bulb therein, a second arm received between said plate and said first member, and a pair of symmetrically disposed members having spring arms extending through said pair of slots, and arms disposed between said plate and said first member, said spring arms being adapted to receive said electric incandescent bulb frictionally therebetween, and to cause electrical contact with said spring arms.

8. A decorative illuminating device of the character described comprising a hollow ring member open at the back, removable closure means for covering said open portion, said closure means comprising a disk member provided with a plurality of lamp receiving units attached to the

inner surface of said disk member and adapted to be disposed within said hollow ring member, said units being interconnected by electrical conductors, insulating plates disposed between said units and said disk, and a pair of spring arms mounted on each of said plates and adapted to frictionally receive between them an electric lamp for illuminating the interior of said hollow ring member.

9. A decorative illuminating device of the character described comprising a hollow ring member open at the back, removable closure means for covering said open portion, said closure means comprising a disk member provided with a plurality of lamp receiving units attached to the inner surface of said disk member and adapted to be disposed within said hollow ring member, said units being interconnected by electrical conductors, insulating plates disposed between said units and said disk, a pair of spring arms mounted on each of said plates and adapted to frictionally receive between them an electric lamp for illuminating the interior of said hollow ring member, and a plurality of spaced translucent areas in the front of said ring member for permitting light from the interior of said hollow member to shine therethrough.

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