Dec. 13, 1927. 1,652,825

H. A. HECHINGER

ELECTRIC LAMP DISPLAY DEVICE

Filed March 7, 1927

Fig. 1.

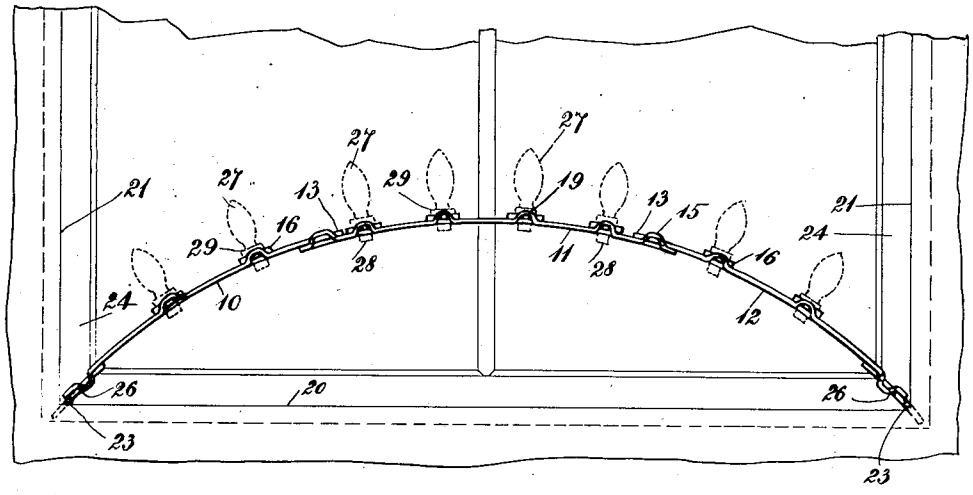


Fig. 2.

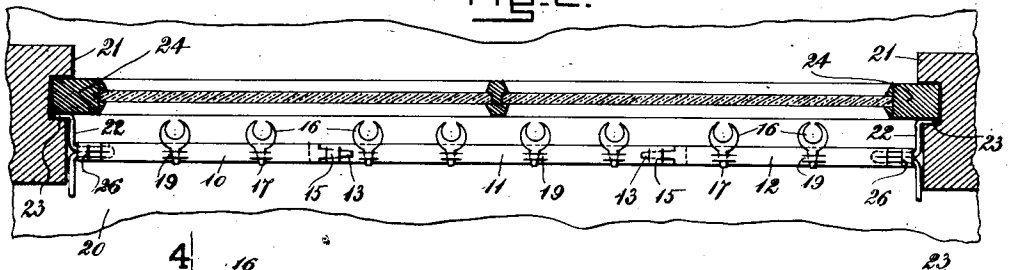


Fig. 3.

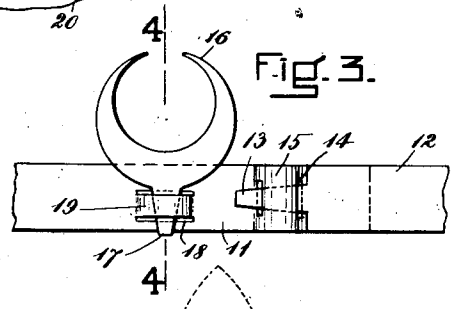


Fig. 4

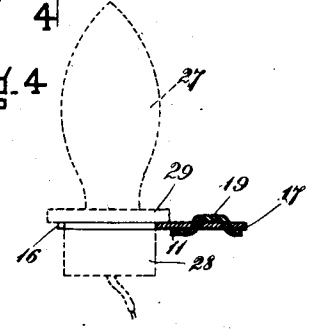
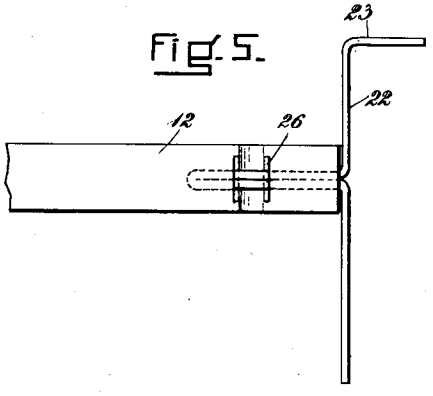


Fig. 5.



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UNITED STATES PATENT OFFICE.

HERBERT A. HECHINGER, OF DORCHESTER, MASSACHUSETTS.

ELECTRIC-LAMP-DISPLAY DEVICE.

Application filed March 7, 1927. Serial No. 173,420.

My invention relates to devices for displaying electric lamps in windows and elsewhere, for instance, at Christmas or other festival occasions, and its object is to provide a simple compact device that may be economically made and will dispose the lamps in such manner as to give a pleasing effect.

With this object in view my invention consists preferably of a member of resilient material normally longer than the width of the window with which it is to be used and constructed and arranged so that when bowed upwardly, its ends will rest on the window sill and abut the opposite sides of the window frame. Such member is provided with lamp-retaining clips and preferably end-pieces are attached to the member for retaining it in position, or removably securing it to the window frame.

One embodiment of my invention is shown in the accompanying drawings in which—

Figure 1 is a front elevation of a window with my improved lamp display device in position;

Fig. 2 is a plan view partly in section;

Fig. 3 is a plan view on an enlarged scale showing details of construction;

Fig. 4 is a section taken on the line 4—4 of Fig. 3;

Fig. 5 is a plan view on an enlarged scale showing one of the end pieces for retaining the resilient strip in position.

In the particular drawings selected for more fully disclosing my invention and which are to be considered as illustrative of one of the various forms my invention may take, rather than as restrictive, 10, 11, 12 are strips of any suitable resilient material connected longitudinally by the tongues 13 arranged to take into the apertures 14 cut into the upwardly-bent end portions 15 of the strip 11.

It is to be understood of course that the resilient strip is made in three pieces solely for convenience in shipping, and that it may be formed of a single piece.

Each resilient strip is provided with a plurality of lamp-retaining means herein shown as the clips 16, each having a tongue 17 arranged to be received by the longitudinal slots 18, formed in the present instance by making two parallel cuts in the strip and bending the metal therebetween upwardly, as shown at 19, the said lamp-retaining means being disposed transversely to said resilient strip for supporting the lamps radially with respect to said member when the latter is upwardly bowed.

It is to be understood of course that lamp-retaining members of any other type may be employed and that such members may be integral with or detachably secured to the strip in any suitable manner.

It is preferred to have the lamp-retaining members made detachable for convenience in shipping.

As shown in Figure 1, the length of the resilient strip formed by the sections 10, 11, 12 is greater than the width of the window with which the display device is to be used, so that when bowed upwardly, the ends of said strip will rest on the window sill 20 and abut the opposite sides of the window frame 21.

Preferably means are provided for retaining the display device in position or removably securing the same to the frame of the window with which it is to be used.

While it will readily occur to those skilled in the art that a variety of means may be employed for this purpose, I have shown the strip provided with end pieces 22, each consisting of a wire disposed at right angles to the strip and terminating in an end portion 23, which is substantially parallel to the strip and is arranged for insertion between the window frame and sash 24.

In the present instance each wire-end piece is attached to the strip by inserting through the transverse slots 26 cut into the strip near the end thereof a portion of the wire bent at right angles to the part thereof that rests against the window frame.

The lamps are indicated at 27 and are shown as provided with the usual sockets 28 which are embraced by the clips 16, and are provided with flanges or enlargements 29 which rest on the upper face of the clips.

As will be apparent from the foregoing description, the sectional display device with its detachable lamp clips and end-pieces may be packed in very small compass for shipment and readily put together by the user.

Having thus described an illustrative embodiment of my invention without however limiting the same thereto, what I claim and desire to secure by Letters Patent is:—

1. A device for displaying electric lamps

in windows comprising a resilient strip, lamp-retaining means carried by said strip, and end pieces attached to said strip at right angles thereto, each said end-piece terminating in a portion parallel to said strip for insertion between the window frame and sash.

2. As an article of manufacture, an electric lamp display device comprising a flexible strip made up of a plurality of resilient normally straight sections, interlocking means for detachably securing the sections together, said sectional strip by reason of its flexibility capable of being flexed intermediate its ends into bowed shape, lamp retaining means carried by each straight section, said lamp-retaining means extending transversely of the strip and arranged on the strip to support the lamps radially with respect to the strip when the latter is bowed, and end pieces at either end of the sectional strip for engagement with a suitable support for maintaining the strip bowed when in operative position.

3. In combination with a window frame having two sides and a sill, of a light displaying device, said light displaying device comprising a flexible member longer than the sill included between the sides of the window, feet on the ends of said member, said feet resting on the sill and being resiliently held in engagement with the sides of the window and light supporting means carried by said flexible member, said means comprising clamping arms disposed radially on the strip when the latter is flexed and in operative position.

In testimony whereof, I have hereunto subscribed my name this 5th day of March, 1927.

HERBERT A. HECHINGER.