May 25, 1954 A. W. HANGER 2,679,578

FLUORESCENT LIGHT TUBE SUPPORT AND COVER

Filed Oct. 26, 1950

Fig. 1.

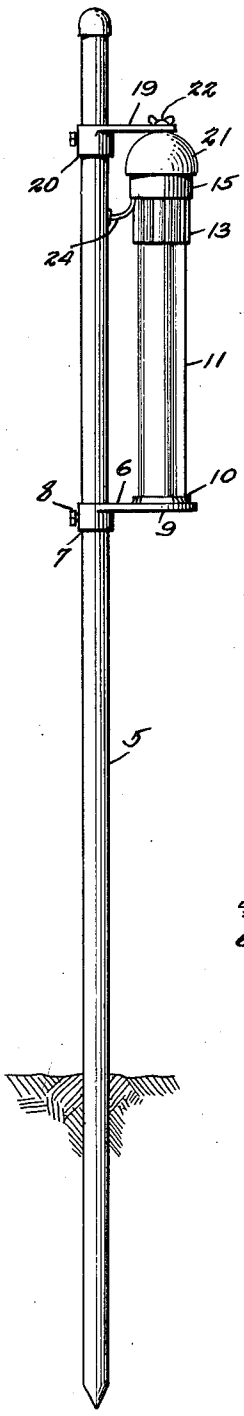


Fig. 2.

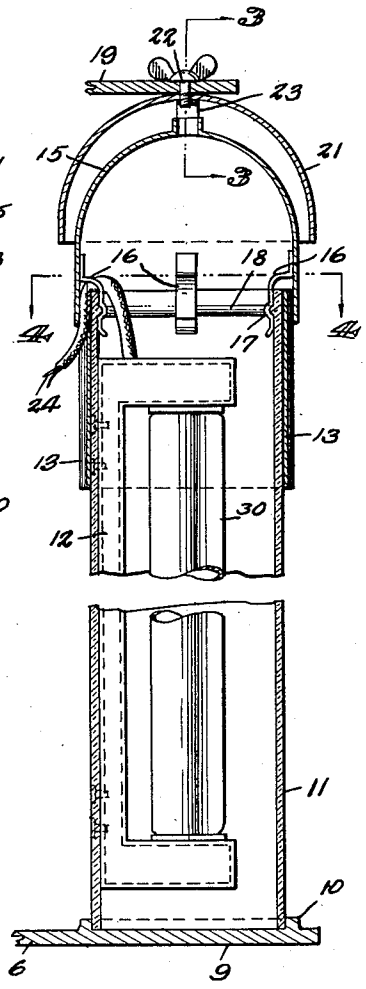


Fig. 3.

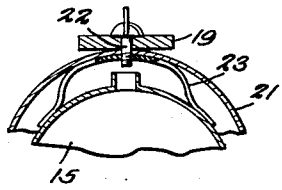
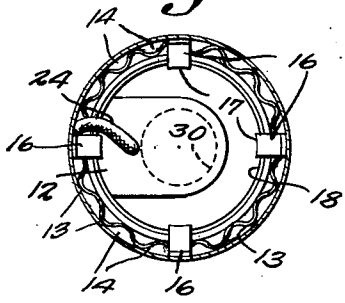


Fig. 4.



A. W. Hanger

INVENTOR

BY C. A. Snow & Co.

ATTORNEYS.

Patented May 25, 1954

2,679,578

UNITED STATES PATENT OFFICE

2,679,578

FLUORESCENT LIGHT TUBE SUPPORT AND COVER

Alexander W. Hanger, Staunton, Va.

Application October 26, 1950, Serial No. 192,333

1 Claim. (Cl. 240—51.11)

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This invention relates to a support designed for use in supporting and protecting a fluorescent light tube which is used for outside illumination, the primary object of the invention being to provide means for protecting the light tube from the elements.

An important object of the invention is to provide a support of this character including a pair of arms mounted on a standard and adjustable with respect to each other, the arms providing supporting means between which the ends of the fluorescent light tube are removably held.

Another object of the invention is to provide a support for fluorescent light tubes comprising a base on which a transparent cylindrical housing is mounted, an inner cap removably mounted on the upper end of the tube and an upper supporting arm supporting a dome-shaped cap with spring arms mounted therein, engaging the inner cap, holding the cylindrical housing in an upright position.

With the foregoing and other objects in view which will appear as the description proceeds, the invention consists of certain novel details of construction and combinations of parts, hereinafter more fully described and pointed out in the claim, it being understood that changes may be made in the construction and arrangement of parts without departing from the spirit of the invention as claimed.

Referring to the drawing:

Figure 1 is an elevational view illustrating a support for a fluorescent light tube constructed in accordance with the invention.

Fig. 2 is a vertical longitudinal sectional view through the lamp housing.

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

Fig. 4 is a sectional view taken on line 4—4 of Fig. 2.

Referring to the drawing in detail, the reference character 5 indicates a standard in the form of a post adapted to be driven into the ground surface, the post or support being in the form of a pipe or rod, pointed at its lower end.

The reference character 6 indicates an arm formed with a collar 7 which is slidably mounted on the standard 5 and held in its positions of adjustment on the standard 5, by means of the threaded bolt 8. The outer end of the arm 6 is enlarged and circular in formation, providing the base 9 formed with an upstanding annular rib 10, in which one end of the tubular housing 11 is positioned. The tubular housing 11 is constructed of translucent material and is designed

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to receive the standard fluorescent lamp unit 12. Positioned over the upper end of the housing 11 is the fluted aluminum sleeve 13 that strengthens the structure and provides passageways 14 at the upper end of the tubular housing for ventilating purposes.

The reference character 15 indicates the inner cap to the inner surface of which are secured spring arms 16, which spring arms are formed with offset portions 17 that fit over the bead 18 formed within the upper end of the tubular housing 11, thereby securing the cap 15 in position on the upper end of the tubular housing 11.

Cooperating with the arm 6 in supporting the lamp, is the arm 19 that has a collar 20 formed at the inner end thereof for sliding adjustment along the standard 5 so that the arm 19 may be moved to the proper position with respect to the arm 6 for securing the tubular housing in place.

Secured to the outer end of the arm 19 and depending therefrom, is the outer cap 21, which is of a size to fit over the cap 15 in spaced relation therewith to allow circulation of air between the caps for ventilating purposes.

The cap 21 is secured to the arm 19 by the bolt 22, that extends through registering openings in the arm 19 and cap 21. This bolt has its threaded end threaded in an opening formed intermediate the ends of the spring clip 23 which yieldingly bears against the cap 15 holding caps together.

The reference character 24 indicates the wires leading from the source of electricity supply to the fluorescent light tube indicated by the reference character 30, to supply the necessary electric energy for lighting a lamp.

From the foregoing it will be seen that due to the construction shown and described, I have provided a combined support and housing for a fluorescent lamp to protect the lamp from the elements when the lamp is used in the open.

It will also be noted that the support can be readily and easily dismantled to remove the tube, should it become necessary to repair or service the light.

It is to be understood that the tubular housing 11 may be constructed of any suitable translucent material such as plastic, heavy glass or the like, to meet the requirements of use.

Having thus described the invention, what is claimed is:

In a support for fluorescent light bulbs, a standard, a laterally extended base adjustably mounted on the standard, a transparent cylindrical housing in which an electric lamp assembly is mounted having one of its ends resting

on the base, an inner cap closing the upper end of the housing, clips secured to the lower edge of said cap adapted to clamp the upper end of said cylindrical housing, an upper laterally extended supporting arm adjustably mounted on a standard above the base in spaced relation therewith, a dome-shaped outer cap secured to the upper supporting arm overlying said inner cap in spaced relation therewith, and spring arms depending from the dome-shaped outer cap fitted over said inner cap removably holding the inner cap on said cylindrical housing and said cylindrical housing in position on the base, the caps and housing protecting the lamp held within the housing against the elements.

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