June 2, 1953 A. G. LAMPE 2,640,670

CORNER MOUNTING BRACKET FOR FLOODLIGHTS

Filed Aug. 5, 1949

Fig. 1.

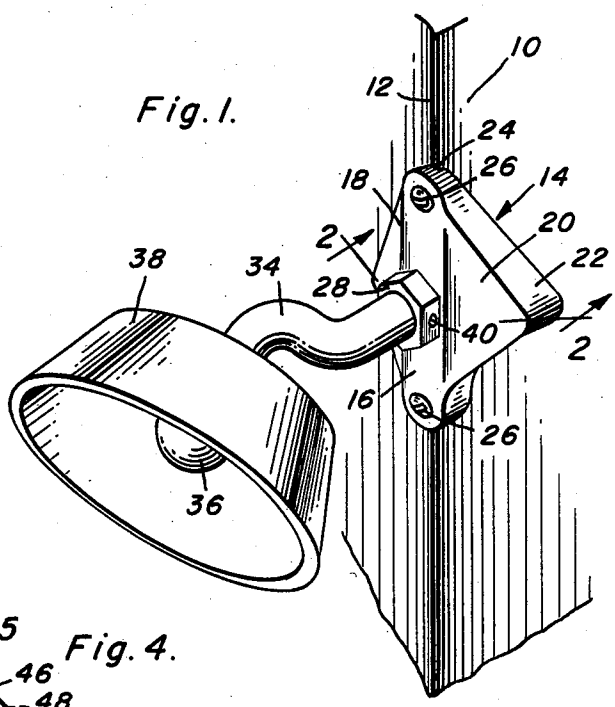


Fig. 2.

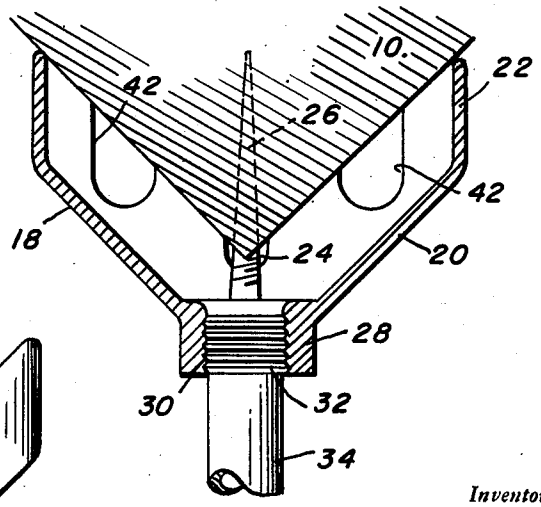


Fig. 4.

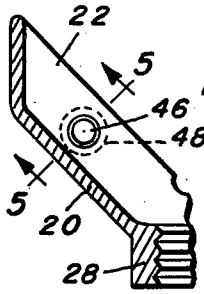
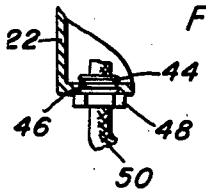


Fig. 5.



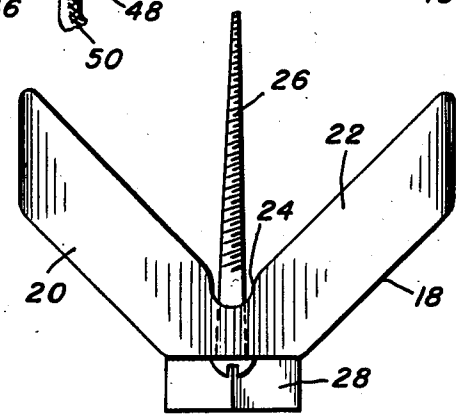


Fig. 3.

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CORNER MOUNTING BRACKET FOR FLOODLIGHTS

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1 Claim. (Cl. 248—222)

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This invention relates to a mounting bracket the primary object of which is to permit the ready and easy attachment of a goose neck floodlight to the corner of a building structure.

Another object of this invention is to provide a mounting bracket for removably securing a goose neck floodlight to the corner of a building structure which will keep injury to the building structure down to a minimum and which at the same time will securely retain the floodlight thereon.

A further object of this invention is to provide a mounting bracket of the character described which is relatively simple in design and construction, cheap to manufacture in large quantities, extremely easy to attach to the corner of a building and generally efficient for its intended purpose.

Yet another object of the invention is to provide a floodlight having a goose-neck including a threaded end portion, a means for removably attaching the floodlight to the corner of a building comprising an elongated V-shaped bracket, a threaded socket member in the center thereof for receiving the threaded end portion of the goose neck, means for securing said bracket to the corner, and means for receiving conductive wires passing through the goose neck.

These, together with various ancillary objects and features of the invention which will later become apparent as the following description proceeds, are attained by the device, a preferred embodiment of which has been illustrated by way of example only in the accompanying drawings, wherein:

Figure 1 is a perspective view of the bracket shown supporting a goose neck floodlight upon the corner of a building structure;

Figure 2 is a sectional view taken substantially in the plane of section line 2—2 of Figure 1;

Figure 3 is a top plan view of the bracket itself;

Figure 4 is a fragmentary horizontal sectional view through a modified form of the invention; and

Figure 5 is a sectional view taken on the line 5—5 of Figure 4.

Specific reference is now made to the drawings. In the several views in the accompanying drawings and in the following specification similar reference characters indicate corresponding elements throughout.

Indicated generally at 10 is a portion of any building the side walls of which are jointed at a corner 12. The bracket of the instant invention is shown generally at 14 and is so constructed that it may be easily attached to the building 10 at the corner 12 in a manner which will be described hereinafter.

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The bracket 14 is preferably fabricated of a strong but light weight metal and is generally V-shaped having an elongated and substantially flat web or bight portion 16. Integral with this web portion are outwardly diverging leg portions 18 and 20. Around the periphery or outer edges of the web portion and the leg portions is an integral inwardly extending flange 22 which adjacent the upper and lower ends of the web portion 16 is indented to form vertically aligned notches 24.

As will be readily seen in Figure 1, the bracket 14 is placed against the corner 12 of the building 10, the notches 24 at the top and bottom thereof receiving the corner 12 and the outer edges of the peripheral flange 22 pressing against the wall section of the building. To secure the bracket to the corner, the web portion 16 adjacent its upper and lower end is provided with apertures for receiving elongated tapered screws 26 which extend into the building 10 at the corner 12 thereof.

Centrally of the web portion 16 of the bracket is secured a boss or neck 28 which is preferably polygonal to receive a tool such as a wrench and which is also internally threaded as at 30 to receive the externally threaded potrion 32 of a goose neck 34 operatively connected to a light bulb 36 carried in a suitable flood light shade 38. If it is desired to additionally secure the goose neck in the threaded boss 28 a set screw 40 may be provided as shown clearly in Figure 1.

In the embodiment shown in Figures 1–3, the bottom portion of the peripheral flange 22 is provided with recesses or U-slots 42 on both sides of the boss 28 for receiving conductive wires leading to a source of electric current and to the light bulb 36. In the modification shown in Figures 4 and 5, drilled apertures 44 are provided in the bottom portion of the peripheral flange 22 on both sides of the boss 28 for receiving threaded porcelain bushings 46 which are headed as at 48. The bushings receive conductive wires 50 which are connected at one of their ends to a source of electric current (not shown). The other ends of the wires 50 extend through the goose neck 34 to connect with the light bulb 36 as will be readily understood. If desired, the apertures 44 may be smooth and threaded nuts may be applied to the free ends of the headed porcelain bushings to secure the same on the flange 22.

In practical operation, the goose neck **34** is threaded into the boss **28** in a manner which will be readily understood. The conductive wires (not shown) which extend normally through the goose neck will pass through the bracket and through the recesses **42** or through the porcelain bushings **46** and eventually to a source of electric current (not shown). Thereafter the bracket **14** is positioned on the corner **12** of the building **10** with the notches **24** receiving the corner **12** and the screws **26** are then made to engage the corner **12** to support the bracket thereon as shown clearly in Figure 1. In this manner the floodlight is readily and securely attached to the corner of the building with a minimum of damage thereto and a minimum of stress on the corner **12** of the building. The security of the attachment is accomplished by the notches **24**, the V-shape of the bracket **14** and the inwardly extending peripheral flange **22**.

In view of the foregoing description taken in conjunction with the accompanying drawings it is believed that a clear understanding of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and the scope of the appended claim.

Having described the invention, what is claimed as new is as follows:

A floodlight comprising a goose neck having a threaded end portion, and means for removably mounting the floodlight on a corner of a building, said means including a substantially V-shaped bracket comprising a flat bight portion having spaced apertures therein for the reception of fastening elements for securing said bracket on the building corner, said bracket further comprising a marginal flange adapted to seat on the building walls and having vertically aligned notches therein accommodating the apex of the corner, said flange further having openings therein for the passage of conductor wires, and an internally threaded neck on said bight portion between the apertures for receiving said threaded end portion of the goose neck.

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