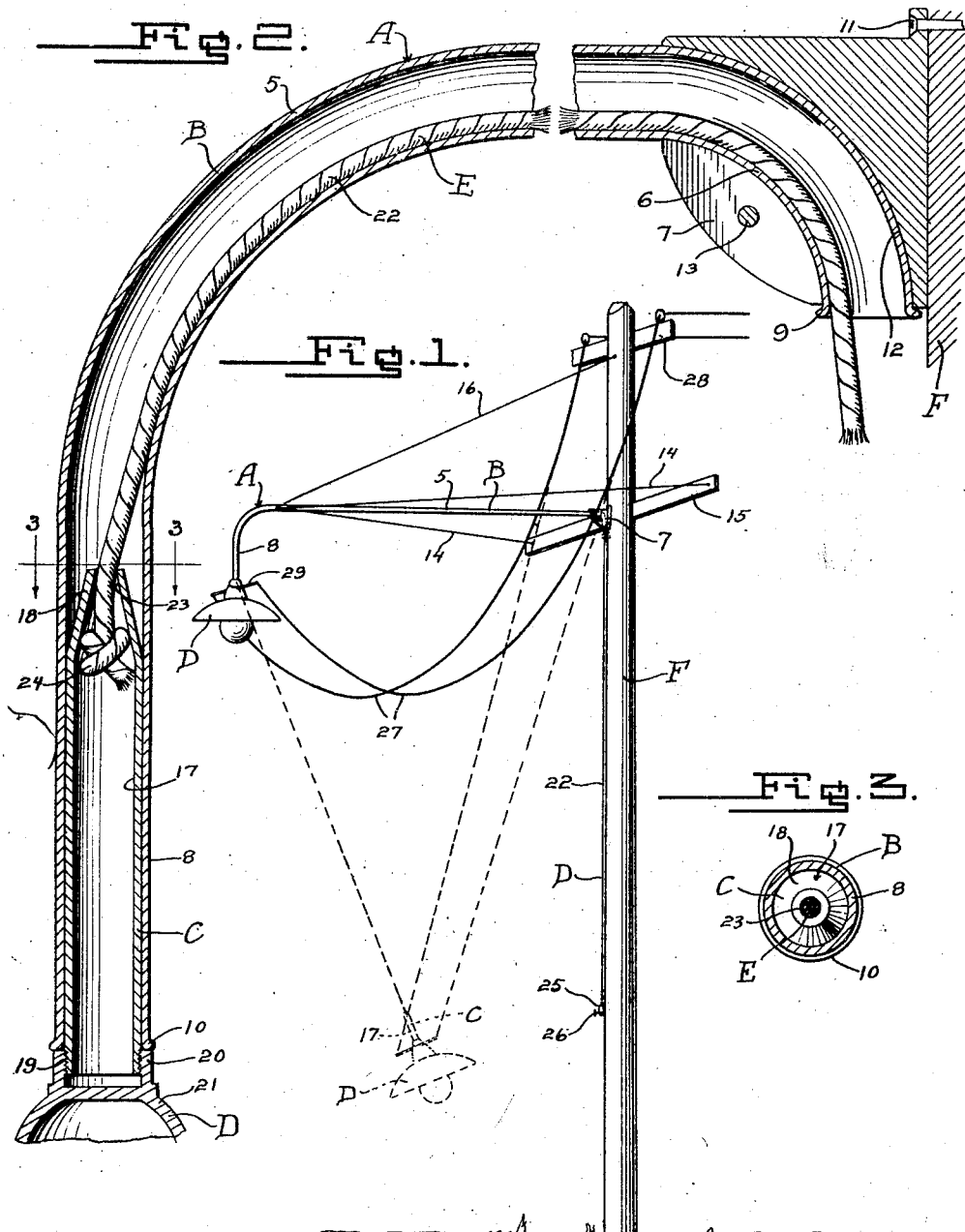


March 13, 1928.

1,662,334

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STREET LIGHT FIXTURE  
Filed Nov. 24, 1924



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## STREET-LIGHT FIXTURE.

Application filed November 24, 1924. Serial No. 752,061.

The present invention relates to light fixtures, and more specifically to an improved bracket suspension for streethood bodies for street lighting.

5 The primary object of the invention being in the provision of an improved simple and efficient fixture for use in suspending streethood bodies from poles or the like whereby the bodies may be readily lowered  
10 for the purpose of inspection or repairs.

A further object of the invention is the provision of a novel support for the lamp or streethood body, whereby the same will be rigidly held in position against swing-  
15 ing, when elevated to its normal position with respect to the bracket or mast arm.

A still further object of the invention is to provide an extremely simple, and yet efficient bracket suspension for streethoods,  
20 which may be manufactured at a very low cost, and brackets which may be readily associated with the present type of streethoods.

Other objects and advantages of the invention will appear in the following detailed description, taken in connection with the accompanying drawing, forming a part of this specification, and in which drawing,  
25

Figure 1 is a perspective view showing the preferred embodiment of the device, and showing in dotted lines the streethood body in a lowered position for permitting of the ready inspection thereof.

Figure 2 is an enlarged central longitudinal section through the improved fixture; and

Figure 3 is a section on the line 3—3 of Figure 2 looking in the direction of the arrows.

40 Referring to the drawing in detail, and wherein similar characters designate corresponding parts throughout the several views, A designates an improved street light fixture embodying a bracket or mast arm  
45 B, C a lamp support for detachable connection with a lamp or streethood body D, and means E for raising and lowering of the lamp D with respect to the elevated bracket B; and F a pole forming a support  
50 for the fixture A.

The bracket or mast arm B preferably consists of a metallic pipe 5 provided with a quarter bend, downwardly turned portion 6 at its inner end for attachment with a pole  
55 plate 7, and having a quarter bend, downwardly turned portion formed at its outer

end providing a socket 8 for receiving the lamp support C when the streethood body D is raised to a normal position. The lower open end of the downwardly turned portion 60 6 and socket 8, are provided with annular flanges 9 and 10 respectively, and for a purpose to be subsequently set forth.

The pole plate 7 for rigidly attaching the inner end of the mast arm to the pole F, 65 preferably consists of a divided clamp member which is secured to the pole as by fastening elements 11. This clamp is formed with an arcuate way 12 for receiving the bent portion 6 of the arm B, and is pro- 70 vided with fastening means 13 for clamping the inner end of the arm securely in the arcuate way 12 with the flange 9 abutting against the lower face of the plate for pre- 75 venting arcuate movement of the portion 6 within the way 12, due to the downward pull of the outer end of the mast arm. Brace wires 14 secured adjacent the outer end of the mast arm B and running to a strain arm 15 secured to the pole F, and a 80 brace wire 16 secured also adjacent the outer end of the mast arm B and running to the pole F at a point above the plate 7, are adapted to further aid in preventing vertical or horizontal swinging of the outer 85 end of the mast arm.

The lamp support C for attachment with the streethood body D, preferably consist of a short straight length of galvanized or other non-corrosive metal pipe 17, being 90 formed at one end with an inwardly tapered frusto-conical guide head 18, and being provided at its other or lower end with screw threads 19 for threaded engagement with- 95 in the usual screw threaded cap 20 of the streethood canopy 21. This pipe 17 is of a size to snugly engage the inner wall of the socket 8 when the lamp is elevated to a normal position with the cap 20 in abutting engagement with the flange 10, for rigidly 100 holding the lamp body against swinging movement in any direction. It will also be seen that the object of so forming the head 18 of the support permits of its being readily guided into the socket 8 when the 105 lamp is being elevated to a normal position.

The means E for raising and lowering of the lamp D with respect to the mast arm B, consists of a hoisting rope 22 having one end thereof passing through a restricted opening 110 23 of the support head 18, and being knotted or otherwise formed as at 24 to provide an

enlarged end portion incapable of being withdrawn through the restricted opening 23. This rope is guided through the tubular mast arm B and directed downwardly by the arcuate portion 6 at a point relatively close to the pole F. The free end of the hoisting rope may be provided with any suitable snap or ring 25 which may be positioned over a suitable cleat 26 placed on the pole at a position for permitting of the operator to readily remove the ring from the cleat and attach the usual trimmer's rope (not shown) when desiring to lower the lamp for inspection or repairs.

15 The usual line wires 27 may be run from the cross arm 28, positioned adjacent the top of the pole F, to a cross arm 29 of the lamp D for carrying current to the lamp in the usual manner.

20 It will be observed that by so downwardly curving the open ends of the mast arm B, that water and foreign matter will not lie in the arm and prevent free sliding movement of the hoisting rope when raising or lowering the lamp.

25 Changes in detail may be made without departing from the spirit or scope of my invention; but,

I claim:

30 1. In a supporting fixture for lamps, the combination of a support, a tubular mast arm having a quadrantal shaped down-

wardly turned portion formed at its inner end and having a downwardly opening socket at its outer end, a lamp support slidable upwardly into the socket at the outer end of the mast arm, a pole piece rigidly secured to said support, comprising a divided clamp member provided with a downwardly opening arcuate way for receiving the downwardly turned inner end of the mast arm, and a hoisting rope connected at one end to the lamp support and slidably extending through the tubular mast arm for raising and lowering of the lamp with respect to the mast arm.

2. In a device of the class described, the combination of a support, a tubular mast arm having a quadrantal shaped portion formed at its inner end and having an annular external flange at the end of the portion, and means for supporting the mast arm in a horizontal position and against lateral and turning movement, comprising a divided clamp member provided with an arcuate way extending from the outer side of the member to the bottom side thereof, said arcuate way to receive the quadrantal shaped portion of the mast arm with the annular external flange of the arm engaging the bottom wall of the clamp member at the downwardly opening end of the arcuate way.

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