C. A. VETTE.

HANGER.

APPLICATION FILED MAR. 31, 1920.

1,363,935. **Patented Dec. 28, 1920.**

Fig 1.

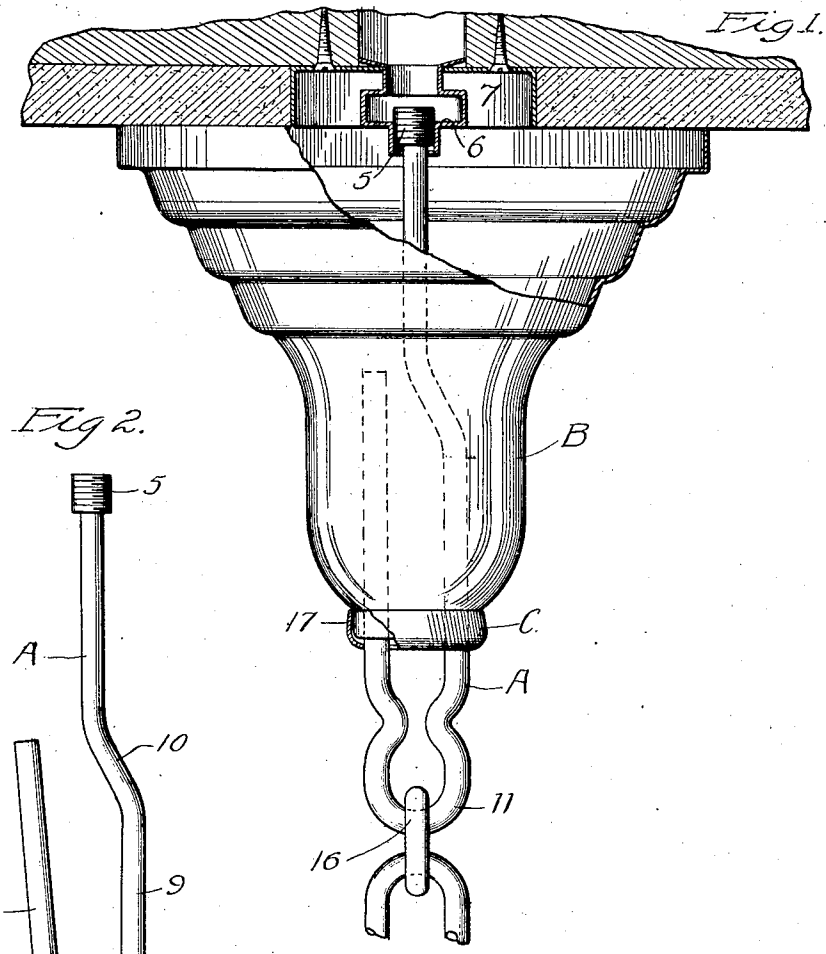


Fig 2.

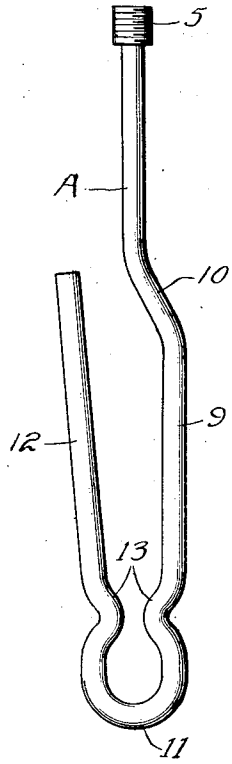
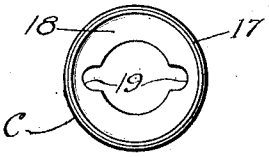


Fig 3.



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HANGER.

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To all whom it may concerns

Be it known that I, CHARLES A. VETTE, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Hangers, of which the following is a specification.

This invention relates to an appliance in the nature of a hanger such as is adapted to be secured to a wall or ceiling for supporting a fixture in place.

For its principal objects, the device of this invention embodies simplicity in construction, being also easy of attachment; it embodies friction means for securing a canopy in place; and it is formed neat and ornamental in appearance and otherwise suited to the general purposes for which it is designed.

An exemplification of the invention is shown in the accompanying drawing wherein—

Figure 1 shows the hanger attached to an insulating joint that is supported by a ceiling, the latter being represented in cross section, and a portion of the canopy surrounding the hanger being also in cross section, the remainder of the parts being illustrated in elevation;

Fig. 2 is a side elevation of the hanger alone; and

Fig. 3 is a plan view looking from above the cup washer that coöperates with the hanger.

As shown, the hanger A comprises a head 5 that is suitably threaded to connect with an insulating joint 6 that may be carried by a box 7 that in turn is fastened to a ceiling 8. From the hanger head depends a shank 9 preferably offset as at 10 and bent upon itself as at 11, to form a return arm 12. If desired, the shank 9 and return arm 12 may each be inwardly crimped as at 13 for the sake of appearances and to provide in effect an eye at the lower end of the hanger which alines with its head 5. The hanger so constructed when secured to the insulating joint is adapted to support a fixture of any approved kind.

In Fig. 1 I have represented the topmost link 16 of a chain which is adapted to support a fixture, this link being extended through the hanger eye. As is customary with fixture hangers a canopy B is arranged adjacent the wall or ceiling, the one shown in Fig. 1 being arranged to cover up the major portion of the hanger leaving exposed only the eye at its lower end. A suitable opening is provided at the lower end of the canopy to freely receive the hanger upon which is received a cup-shaped washer C having side walls 17 and at its bottom an inturned rim 18 in which are formed two notches 19 on opposite sides thereof for receiving the shank 9 and the return arm 12.

As will be noted in Fig. 2, the return arm tends to spring away from parallelism with the shank 9, but is confined when the cup washer is slipped in place, the return arm 12 then lying in one notch and the shank 9 in the other. In these circumstances a constant lateral tension is exerted by the arm 12 and shank 9 which acts to maintain the cup washer tightly in any given position of vertical adjustment. As appears from Fig. 1, the lower extremity of the canopy is suitably formed to enter within the walls 17 of this washer so as to be supported thereby. In order that the canopy may be tightly held against the ceiling, it is merely necessary to slide the cup washer upwardly as far as it may go, in which position it will remain indefinitely due to the friction resulting from the tendency of the arm 12 to spring away from the shank 9.

The construction that I have shown and described represents the preferred form, but obviously is capable of modification.

I claim:

1. A hanger comprising in combination a shank having means for attachment to a fixed support, the shank being bent upon itself to form a return arm which normally tends to spring away from parallelism with the shank, and means slidably arranged upon the shank and return arm and spring pressed by these parts to thereby remain in any given position lengthwise of the hanger, said means being adapted to support a canopy in place against the support, substantially as described.

2. A hanger comprising in combination a shank having means for attachment to a fixed support, the shank being offset in one portion and being bent upon itself in another portion to form in effect a loop from which extends a return arm which tends always to spring away from parallelism relative to the shank, and means slidably arranged upon the shank and return arm and

spring pressed by these parts whereby it is held in any given position lengthwise of the hanger, said means being formed to coöperate with a canopy to hold the same against the support, substantially as described.

3. A hanger comprising in combination a shank having means for attachment to a fixed support, the shank being bent upon itself to form in effect an eye and having a return arm, the hanger being formed of material which possesses spring action such as to normally cause the free end of the return arm to yieldingly remain in a predetermined relation to the shank, and means slidably arranged upon the shank and return arm and spring pressed by these parts whereby it is held in any given position lengthwise of the hanger, said means being formed to coöperate with a canopy to hold the same against the support, substantially as described.

4. A hanger comprising in combination a shank having means for attachment to a fixed support, the shank being bent upon itself to form a return arm which normally tends to spring away from parallelism with the shank, and a cup washer in the bottom of which are two notches arranged diametrically on opposite sides thereof, within one of which is received the shank and within the other the return arm, either of these two parts operating by tension to maintain the cup washer in any given position of adjustment lengthwise of the hanger, the walls of the cup washer being formed to receive the lower extremity of a canopy surrounding the hanger, substantially as described.

CHARLES A. VETTE.