

1,056,559.

Fig. 1.

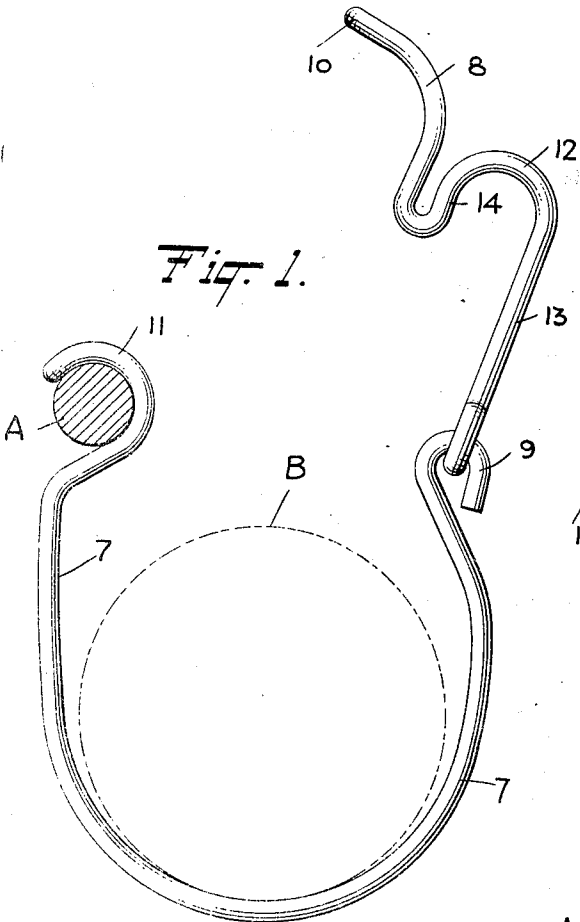


Fig. 2.

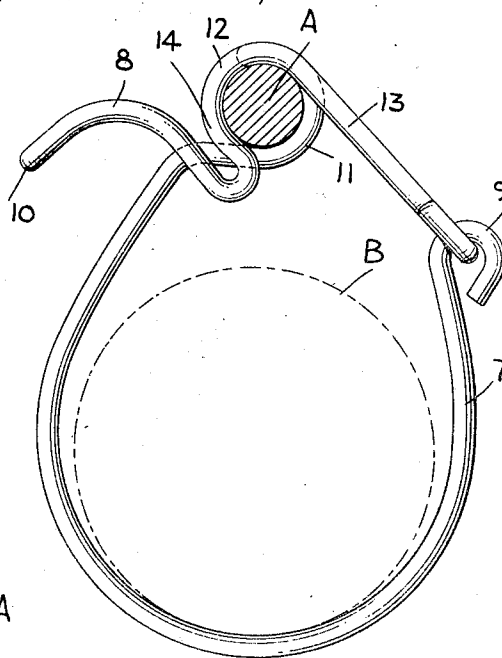
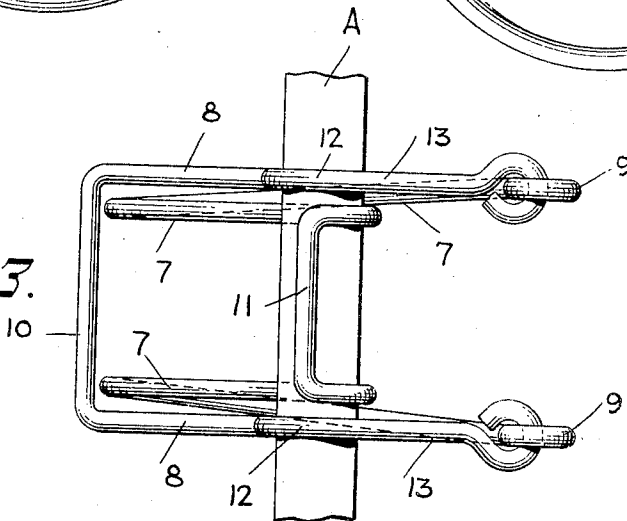


Fig. 3.



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CLAUDE LINGLE, OF CLINTON, MISSOURI.

CABLE-HANGER.

1,056,559.

Specification of Letters Patent.

Patented Mar. 18, 1913.

Application filed May 27, 1912. Serial No. 699,878.

To all whom it may concern:

Be it known that I, CLAUDE LINGLE, a citizen of the United States, and a resident of Clinton, in the county of Henry and State of Missouri, have invented a new and Improved Cable-Hanger, of which the following is a full, clear, and exact description.

Among the principal objects which the present invention has in view are: to provide a simple and efficient device of the character named, to facilitate the hanging of electrical and other cables; and to provide means, incorporated in the construction, for increasing the grip of the device on the messenger or supporting line proportionate to the weight of the cable.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views, and in which—

Figure 1 is a side view of a hanger constructed and arranged in accordance with the present invention, showing the same in conjunction with a messenger or supporting wire and as in the preliminary step of hanging the cable upon the wire; Fig. 2 is a similar view, showing the hanger in its final or normal engaged relation with the messenger wire; and Fig. 3 is a top plan view of the hanger in its normal or engaged position with the messenger wire, a portion of which is shown in conjunction with the hanger.

As seen in the accompanying drawings, the present hanger is constructed preferably from wire, the composition of the wire providing sufficient resiliency or rigidity to operate as a spring within certain portions of the structure.

There are two portions of the present hanger, which, for the purpose of illustration, I herein term the "bail" 7 and the "saddle" 8. These two members, the bail and the saddle, are each formed from a single piece of wire, to provide two parallel and similarly-shaped sides terminating in curled ends relatively shaped to conjoin to form hinges 9, 9.

The end of the saddle 8 opposite that forming a portion of the hinge is shaped to form a cross-bar 10 extending across the space or separation of the sides of the cross-bar. The bail 7 is shaped at the end opposite that forming part of the hinges 9, with a hook 11, adapted to engage the messenger wire A. The set of the bail 7 is such as to

maintain, by the spring of the metal, the hook 11 in engagement with the messenger wire, and pressed against the same.

The bail 7 is constructed to conform with the size of the telegraph, telephone, or other cable for the support of which the hanger is employed.

The saddle 8 is bent, as shown in the accompanying drawings, so form gripping portions 12. The portions 12 are formed by relatively straight portions 13 and 14. The portions 13 and 14 are substantially parallel, and are disposed, when the hanger is in operative position, substantially inclined to the vertical.

With a hanger thus constructed and arranged, the operation of suspending a cable is as follows:—The messenger or supporting wire A having been stretched or anchored, the hangers, as shown in the accompanying drawings, are mounted thereon by slipping over the messenger A of the hook 11. The gripping portion 12 of the saddle 8 is now disposed above the messenger A by pressing the bail 7 against the cable B. The cross-bar 10 of the handle is used to depress the same, until the portions 14 and 13 are forced down over the messenger, which is thereby seated well up into the gripping portion 12. It will be understood that in this position the resiliency of the bail operates to maintain both the hook 11 and the gripping portion 12 in firm and continuous contact with the messenger wire A. When, thereafter, it becomes necessary or desirable to remove the cable B, this is readily and easily accomplished by passing any suitable instrument, such as a screw-driver or other tool, below the cross-bar 10 and between the sides of the handle, permitting said tool or instrument to rest upon the messenger A, forming thereby a fulcrum for the lever which the said tool or instrument then becomes. A lift on the instrument now raises the gripping portion 12 and the portions 13 and 14 thereof out of engagement with the messenger wire A. This disengagement of the gripping portion 12 from the messenger wire A permits the bail 7 to spring outward to the position shown in Fig. 1, in which position the hook 11 is easily and readily removed from the messenger wire A.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:—

1. A cable hanger, comprising a saddle

having laterally-extended ends and a gripping portion; a bail shaped to receive and hold the supported cable, flexibly connected with said saddle; and a resilient member mounted on said saddle between the gripping portion thereof and the ends of said saddle, to be moved to exert a yielding grip on the supporting member when weight is imposed by said bail.

10 2. A cable hanger, comprising a saddle constructed from spring wire to provide a gripping portion to receive a supporting member, the sides of said gripping portion being extended at an incline to the vertical, 15 said saddle being provided with supporting terminals laterally extended, the body of said saddle being curved to form a spring section between one side of said gripping portion and the adjacent terminal; and a 20 bail shaped to receive the supported cable and having a hook end to engage the same.

3. A cable hanger, comprising a saddle constructed from spring wire, to provide a gripping portion to receive a supporting member, the sides of said gripping portion 25 being extended at an incline to the vertical, said saddle being provided with supporting terminals laterally extended, the body of said saddle being curved to form a spring section between one side of said gripping 30 member and the adjacent terminal; and a bail hingedly connected with one of said terminals and having a hook for engagement with the cable, said hook being disposed between the sides of said gripping portion. 35

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CLAUDE LINGLE.

Witnesses:

G. C. LINGLE,
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