

(No Model.)

W. A. CONNER.
CABLE HANGER.

No. 420,638.

Patented Feb. 4, 1890.

FIG. 1.

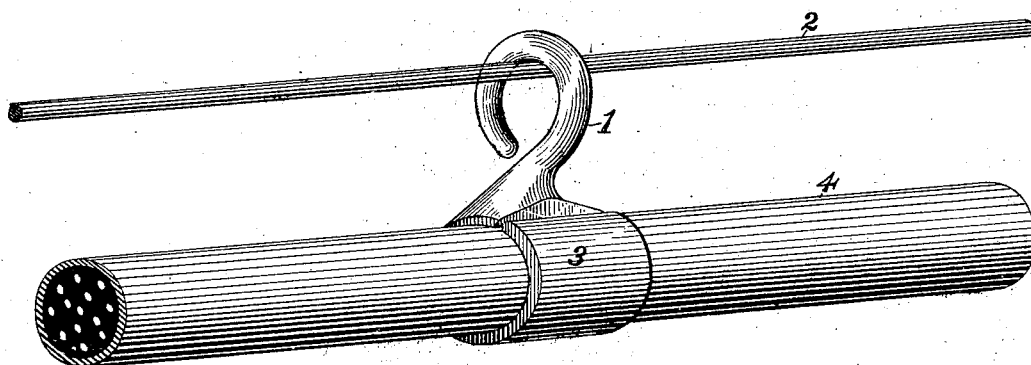
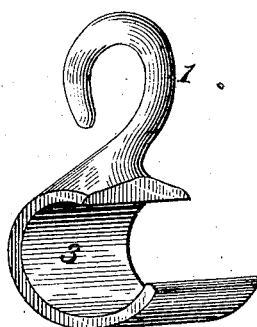


FIG. 2.



WITNESSES:

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INVENTOR,

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UNITED STATES PATENT OFFICE.

WILLIAM A. CONNER, OF PITTSBURG, PENNSYLVANIA.

CABLE-HANGER.

SPECIFICATION forming part of Letters Patent No. 420,638, dated February 4, 1890.

Application filed March 19, 1888. Serial No. 267,663. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. CONNER, a citizen of the United States, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented or discovered certain new and useful Improvements in Cable-Hangers, of which improvements the following is a specification.

The invention described herein relates to certain improvements in hangers or suspensory hooks for aerial electric cables. These hangers should be so constructed as regards that part which incloses the cable as to permit of its ready application to the cable and to have a comparatively broad firm grasp around; and as regards the part of the hanger engaging the suspensory wire, it should be capable not only of easy engagement with the suspensory wire and of free movement therealong, but also of retaining its hold or grasp on such wire under all movements to which the cable may be subjected.

In general terms, the invention consists in the construction of hanger or hook, all as more fully hereinafter described and claimed.

In the accompanying drawings, forming a part of this specification, Figure 1 is a perspective view of a section of aerial cable and suspensory wire connected together by my improved hanger, and Fig. 2 is a perspective view of the hanger.

The hanger consists of the hook 1, formed round in cross-section, the point of the hook being brought into such proximity to the body thereof as to afford just sufficient space for the entrance of the suspensory wire 2. A flexible band or strap 3 is formed integral with the hook 1, the point of junction of the two parts being preferably at or near one end of the band, thereby leaving a longer portion for wrapping or bending around the cable 4. The hook and band are preferably

formed by casting in suitable molds. The castings thus formed are then placed in an annealing-furnace and softened to such an extent as to permit of the bending of the strap around the cables by means of suitably-constructed pinchers or other tools, and also the closing of the opening at the point of the hook after engagement with the wire, if deemed necessary.

While it is necessary that the band should have sufficient flexibility as to permit of its being bent around the cable, as above stated, it should retain such an amount of rigidity as to avoid any liability of its being opened by the weight or movements of the cable—that is to say, the band should be rigidly flexible—i. e., be capable of being bent by only the application of considerable force and of retaining the form or shape into which it has been forced.

This construction of hanger entirely obviates the employment of catches or other devices for holding the band around the cable, and can be cheaply made and easily and quickly applied.

I claim herein as my invention—

1. A cable-hanger consisting of a hook for engagement with the suspensory wire and a rigidly flexible band for grasping the cable; said hook and band being formed integral with each other, substantially as set forth.

2. A cable-hanger consisting of a hook for engagement with the suspensory wire and a band for grasping the cable, said hook and band being formed of malleable cast-iron, substantially as set forth.

In testimony whereof I have hereunto set my hand.

WILLIAM A. CONNER.

Witnesses:

DARWIN S. WOLCOTT,
R. H. WHITTLESEY.