

(No Model.)

A. S. DIEHL.
CABLE HANGER.

No. 563,263.

Patented July 7, 1896.

Fig. 1.

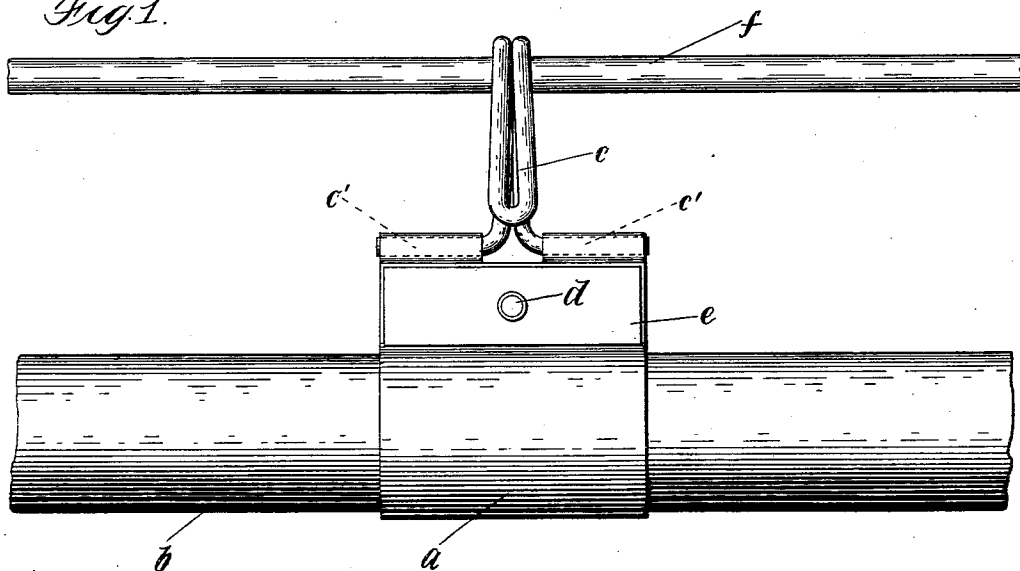
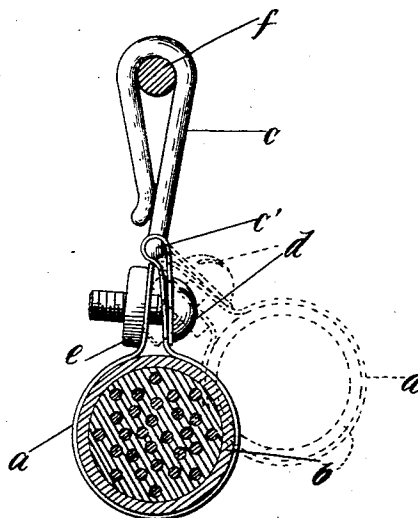


Fig. 2.



Witnesses:
George L. Bragg.
W. Clyde Jones.

Inventor:
Adolph Sigurd Diehl
By Barton & Brown
Attorneys.

UNITED STATES PATENT OFFICE.

ADOLPH SIGURD DIEHL, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE WESTERN
ELECTRIC COMPANY, OF SAME PLACE.

CABLE-HANGER.

SPECIFICATION forming part of Letters Patent No. 563,263, dated July 7, 1896.

Application filed January 21, 1896. Serial No. 576,263. (No model.)

To all whom it may concern:

Be it known that I, ADOLPH SIGURD DIEHL, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Cable-Hangers, (Case No. 1,) of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to a cable-hanger, its object being to provide an improved form of hanger for suspending a cable, such as a telegraph or telephone cable, from a supporting-wire.

It has been the usual practice in the construction of cable-hangers to provide a strap or body portion, adapted to encircle the cable, and carrying upon its upper end a hook adapted to engage the supporting-wire from which the cable is suspended.

In prior constructions the hook has been rigidly secured to the strap or body portion of the hanger; but in accordance with the present invention the hook, instead of being thus rigidly mounted upon the strap, is pivotally connected therewith. The hook is adapted to loosely engage the supporting-wire when the hanger is placed in position, and the cable thus has two pivotal axes about which it may swing. This construction permits the swinging of the cable without twisting the hanger or causing the same to slip upon the cable.

I will describe my invention in connection with the accompanying drawings, in which—

Figure 1 is a view in elevation of the hanger of my invention. Fig. 2 is an end view thereof, the supporting-wire and the cable being shown in section.

Like letters refer to like parts in the two figures.

The strap *a* encircles the cable *b*, the upper end of the strap being formed with two extending portions adapted to encircle the extensions *c c'* provided upon the hook *c*. The hook is preferably formed from a wire or rod bent at the middle to constitute the portion of the hook adapted to engage the supporting-wire, the ends of the wire or rod being extended in opposite directions to form the extensions *c c'*. A screw *d* passes through the ends of the strap *a* and engages a tapped hole in the plate or nut *e*, the ends of the

strap being thus drawn together to clamp the strap upon the cable. The hook *c* engages the supporting-wire *f*, and after being placed thereon the end of the hook may be pressed toward the shank, as illustrated, to prevent the withdrawal of the hook from the supporting-wire. The hook should be so mounted upon the supporting-wire that it may rock thereon as the cable swings. The cable is thus permitted to swing upon two axes, as the hook may swing upon the supporting-wire *f*, while at the same time the cable may swing upon the pivotal connection between the hook and the strap of the hanger.

The detailed construction of the hanger as above described I have found very advantageous, but it will appear that the construction of the hanger may be varied in minor details without departing from the spirit of my invention.

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

1. In a cable-hanger, the combination with a supporting-hook, of a flexible strap adapted to encircle the cable, one end of which is bent back to form a pivotal connection for the said supporting-hook, and means for securing the other end of the said strap to the pivotal connection, substantially as described.

2. In a cable-hanger, the combination with a hook adapted to maintain the hanger in position upon the supporting-wire, the lower ends of which form horizontal extensions, of a supporting-strap for the cable adapted to encircle the same, one end of which is bent around the horizontally-extended ends of the hook, forming a pivotal mounting for the strap, and means for securing the other end of the said strap to the pivotal mounting, substantially as described.

3. The combination with the strap *a*, of a rod or wire bent at the middle to constitute the hook and provided with extensions *c c'*, and the screw and nut clamping the ends of the strap together; substantially as described.

In witness whereof I hereunto subscribe my name this 6th day of January, A. D. 1896.

ADOLPH SIGURD DIEHL.

Witnesses:

ELLA EDLER,
MYRTA F. GREEN.