(No Model.)

S. S. LEONARD.

CABLE HANGER.

No. 551,504. Patented Dec. 17, 1895.

Fig. 1.

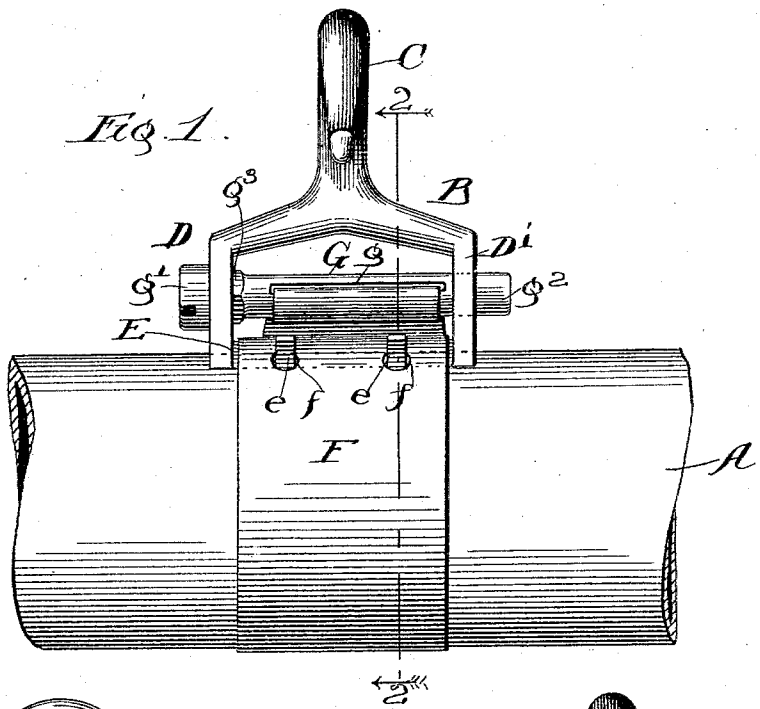


Fig. 2.

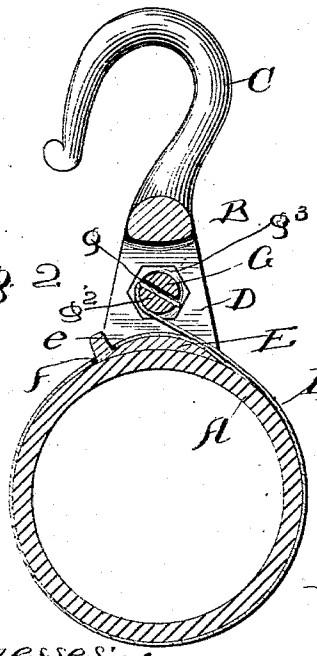


Fig. 3.

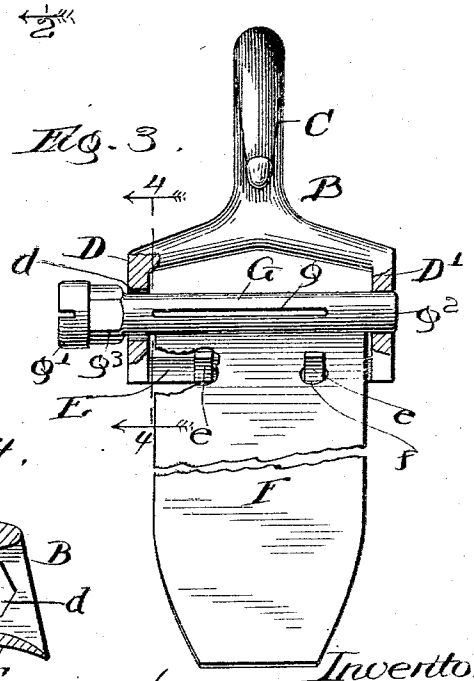
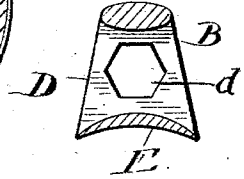


Fig. 4.



Witnesses:
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Atty.

UNITED STATES PATENT OFFICE.

SYLVESTER S. LEONARD, OF CHICAGO, ILLINOIS, ASSIGNOR, BY DIRECT AND MESNE ASSIGNMENTS, TO THE HALLET IRON WORKS, OF SAME PLACE.

CABLE-HANGER.

SPECIFICATION forming part of Letters Patent No. 551,504, dated December 17, 1895.

Application filed August 8, 1895. Serial No. 558,632. (No model.)

To all whom it may concern:

Be it known that I, SYLVESTER S. LEONARD, a subject of the Queen of Great Britain, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Cable-Hangers, of which the following is a specification.

My invention relates to certain improvements in cable-hangers such as are used in suspending telephone-cables and the like.

The object of the invention is to provide a hanger which can be quickly and securely attached to a cable and the expense of which shall be reduced to a minimum.

To such end the invention consists in a certain new device illustrated in the drawings and defined in the appended claims.

The drawings consist of four figures, of which Figure 1 is a side elevation of my improved hanger applied to a section of a cable. Fig. 2 is a section in line 2 2 of Fig. 1. Fig. 3 is a front elevation of the hanger, certain portions being broken away to show construction; and Fig. 4 is a cross-section of the hanger in line 4 4, Fig. 3.

In devices of this class the cables are supported by means of a strong supporting-cable which is suspended between posts along the line and provided with suitable hangers, which are hung upon the supporting-cable, thus carrying the weight of the tube and conducting-wires which would otherwise be broken from the strain.

In the drawings, A is a metal tube in which the conducting-wires are placed, and B the hanger. The hanger consists of a hook C adapted to be hooked over the suspending-cable, a forked portion D D′ extending toward the tube, and a piece E, which in cross-section is curved to correspond with the periphery of the tube and which connects the ends of the fork D D′. Upon the cross-pieces E are two lugs *e e*, and upon these is secured one end of a strip of sheet metal F. The strip is provided with holes *f f*, fitted to the lugs *e e*, and the other end is slightly narrower and adapted to be slipped into a slot *g* in a pin G. This pin is provided with a head *g′*, a stem g^2, and a portion g^3, adapted to be slipped into a corresponding hole *d* in the arm D, and prevent the further rotation of the pin. I have shown the portion g^3 as hexagonal, the hole *d* being made to correspond therewith; but it is obvious that it is not necessary that it be hexagonal, as any number of sides can be used, it being essential that the part g^3 and hole correspond in shape.

In securing the hanger to the tube, the strip is first hooked upon the lugs *e e*, then passed around the tube and the small end inserted in the slot *g*, the pin being drawn from its locked position, so that the part g^3 will be out of engagement with the hole. A screwdriver is then applied to the pin and the same rotated, the strip wound upon the pin until the tube is held firmly between the same and cross-piece E, when the pin is pushed in until the part g^3 is secured in the hole *d*, thus holding the tube securely in place.

This makes an extremely simple and effective hanger and one which may be instantly applied or removed. The different pieces may be changed without changing the principle of the device, and I therefore do not desire to limit myself to the exact construction thereof, but will more specifically point out in the following claims what I consider to be new and necessary to the embodiment of my invention.

I claim as new and desire to secure by Letters Patent—

1. The combination in a hanger for cables, of a portion adapted to impinge upon the cable, a strip of metal adapted to encircle said cable, one end of said strip being removably secured to the hanger, a pin adapted to wind up the other end of the strip and suitable means for locking the pin in place; substantially as described.

2. The combination with a cable of a suitable hanger, a pin journaled in said hanger, a strip of metal encircling the cable, said strip adapted to be wound up by the pin and suitable means for locking the pin in place; substantially as described.

3. The combination in a hanger for cables and the like, of a hooked portion adapted to rest against the cable, a strip of metal encircling the cable and removably secured to the hanger and a pin journaled in the hanger and adapted to wind up the strip, a portion of said pin being of such shape as to prevent its ro-

tation in its locked position; substantially as described.

4. In a hanger for cables and the like the combination with the hook, C, fork, D, D′, and cross-piece, E, of the strip, F, lugs, *e*, *e*, upon the cross-piece, the strip being provided with suitable holes for engagement with the lugs, the pin, G, journaled in the forks, D, D′, slot, *g*, adapted to receive the end of the strip and the pin being provided with a portion of such cross section and resting in a corresponding hole whereby its rotation is prevented: substantially as described.

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Witnesses:
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