

(No Model.)

G. L. WILEY.
CABLE HANGER.

No. 355,491.

Patented Jan. 4, 1887.

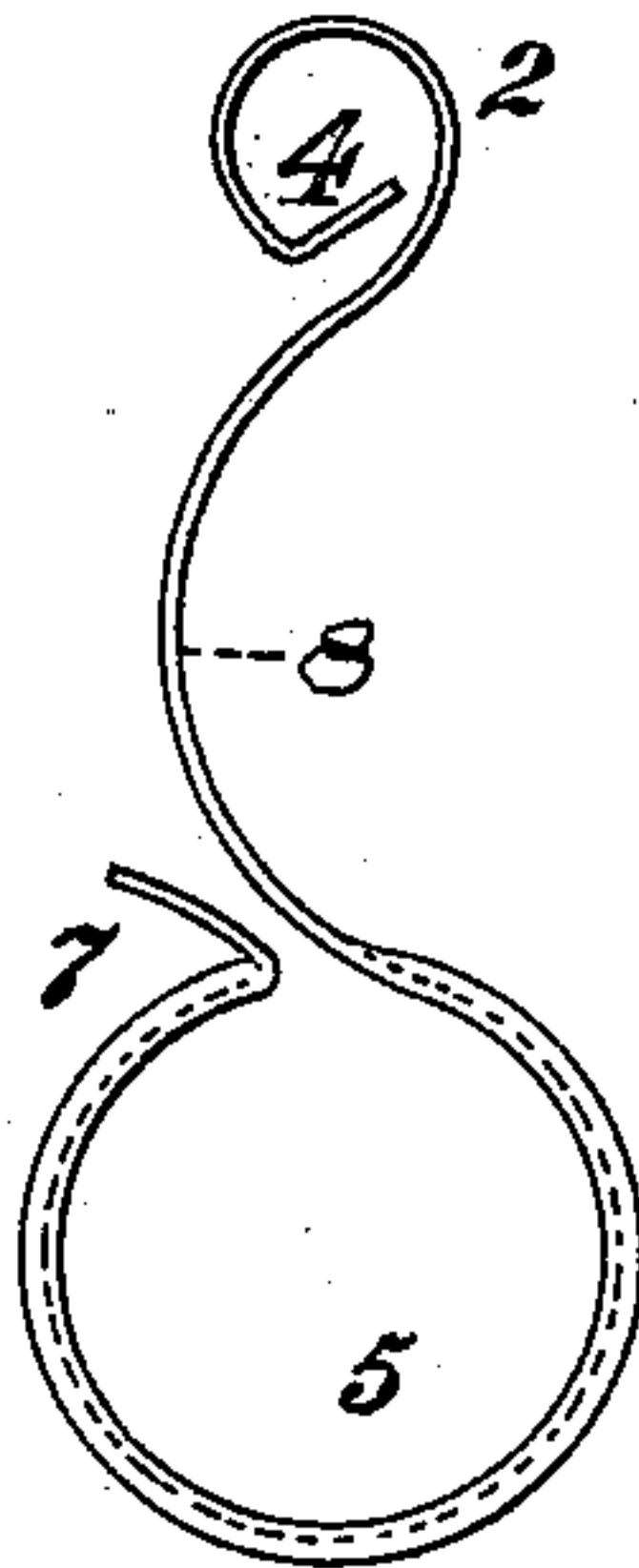
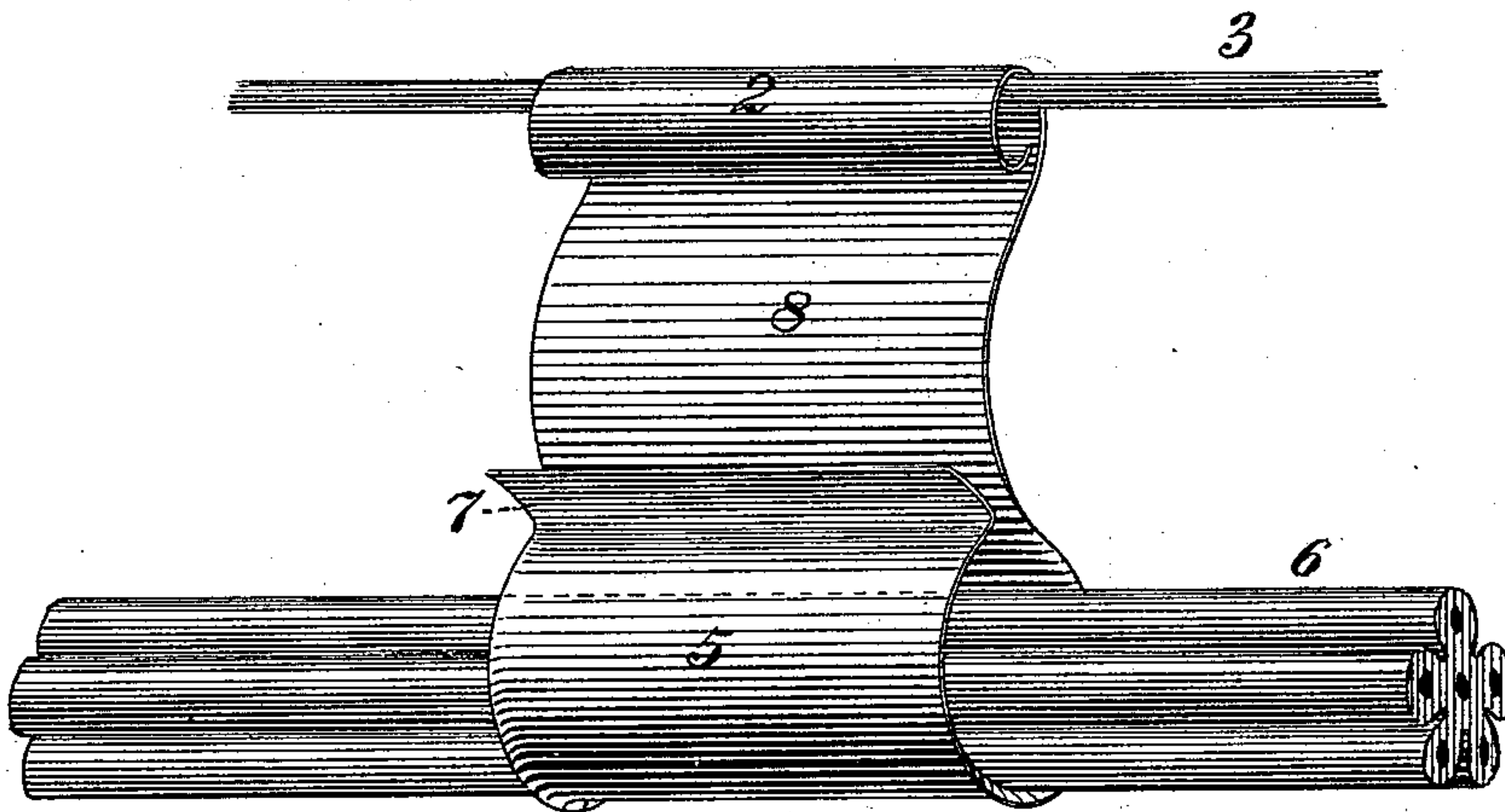


Fig. 1.

Fig. 2.



WITNESSES:

C. M. Clarke
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INVENTOR,

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Att'y.

UNITED STATES PATENT OFFICE.

GEORGE LOWRIE WILEY, OF BROOKLYN, NEW YORK, ASSIGNOR TO THE
STANDARD UNDERGROUND CABLE COMPANY, OF PITTSBURG, PA.

CABLE-HANGER.

SPECIFICATION forming part of Letters Patent No. 355,491, dated January 4, 1887.

Application filed June 19, 1886. Serial No. 205,613. (No model.)

To all whom it may concern:

Be it known that I, GEORGE LOWRIE WILEY, residing at Brooklyn, in the county of Kings and State of New York, a citizen of the United States, have invented or discovered certain new and useful Improvements in Cable-Hangers, of which improvements the following is a specification.

In the accompanying drawings, which make part of this specification, Figure 1 is a view in end elevation of my improved hanger or support for aerial cables. Fig. 2 is a view of a portion of a cable and its suspending-wire, showing the hanger in side elevation applied thereto.

The invention herein relates to certain improvements in hangers or supports for aerial cables, and has for its object such a construction of hanger as will permit of the ready and easy application or removal of the hanger from either the cable or suspending-wire, or both, and at the same time will prevent the accidental disengagement of either; and to these ends the invention consists in the construction and combination of parts, substantially as hereinafter described and claimed.

The hanger is formed of a spring-metal plate or strip, the upper end of said strip being bent or curled to form an eye or sleeve, 2, for the reception of the suspending-wire 3. In order to permit of the ready application and removal of the hanger, the extreme end 4 of the strip is bent to form what might be termed a chord of the circle of the curl or eye; the portion 4 forming, in connection with the part of the strip opposite thereto, a wedge-shaped passage for the entrance of the suspending-wire, the width of such passage at its outer end being slightly greater and at its inner end slightly less than the diameter of the suspending-wire. Hence in applying the hanger to the wire the part 4 will be sprung back or inward by the suspending-wire, and when such wire is wholly within the eye the part 4 will resume its nor-

mal position, and thus prevent any accidental removal of the hanger from the suspending-wire. The lower portion of the strip is bent or curled to form an eye or sleeve, 5, for the reception of the cable 6. A portion, 7, of the strip at the end thereof is bent outward, so as to project radially, or approximately so, from the eye 6, forming, in connection with the portion 8 of the strip adjacent to the eye, a wedge-shaped passage for the entrance of the cable into the eye. The portion 8 of the strip between the eyes 2 and 5 is so bent as to bring the centers of said eyes into the same vertical plane, as shown in Fig. 1.

In order to prevent the edges of the strip at the ends of the eye or sleeve 5 from cutting into the cable, which is quite flexible, and therefore liable to bend around such edges, the latter are flared outwardly, as shown.

The hangers constructed as above described can be easily and quickly applied to and removed from either the cable or suspending-wire. This feature is especially advantageous when new suspending-wires are substituted in lieu of the old ones, such change being frequently necessary.

I claim herein as my invention—

1. In a cable-hanger, the combination of the eyes or sleeves 2 and 5, each having an automatically-closing passage thereinto for the admission of the suspending-wire and cable, substantially as set forth.

2. In a cable-hanger, the combination of the eyes or sleeves 2 and 5, each having an automatically-closing passage thereinto for the admission of the suspending-wire and cable, the ends of the sleeve 5 being outwardly flared, substantially as set forth.

In testimony whereof I have hereunto set my hand.

GEORGE LOWRIE WILEY.

Witnesses:

JAS. W. HALE,

C. F. COWPERTHWAIT.