

(No Model.)

R. H. LEWIS.
CABLE CLIP.

No. 564,433.

Patented July 21, 1896.

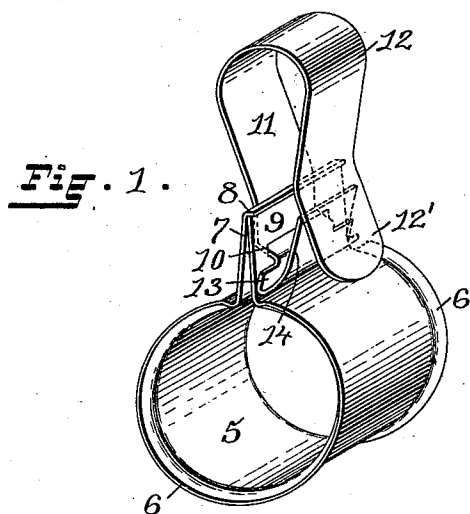


Fig. 2.

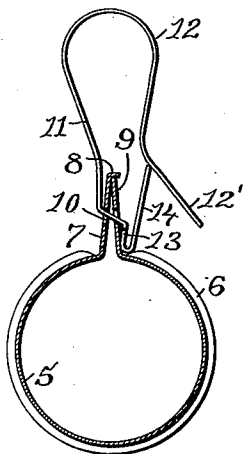


Fig. 3.

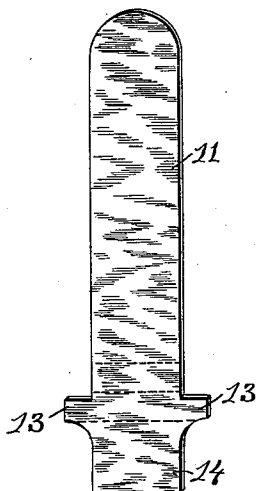
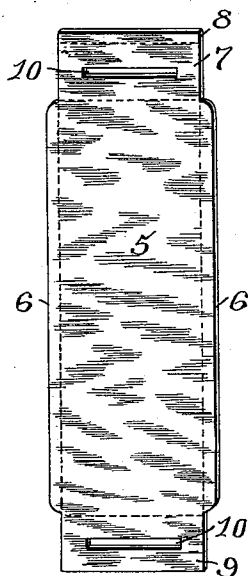


Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

RUSSELL H. LEWIS, OF PROVIDENCE, RHODE ISLAND, ASSIGNOR OF ONE-HALF TO OSCAR NOBLE BENDER, OF SAME PLACE.

CABLE-CLIP.

SPECIFICATION forming part of Letters Patent No. 564,433, dated July 21, 1896.

Application filed December 30, 1895. Serial No. 573,755. (No model.)

To all whom it may concern:

Be it known that I, RUSSELL H. LEWIS, of the city and county of Providence and State of Rhode Island, have invented a new and useful Improvement in Cable-Clips; and I hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification.

This invention has reference to an improvement in the metallic clasps or clips used for suspending the cables, consisting of a number of isolated electric wires formed into a cable and covered by some non-conducting covering from a heavy wire stretched from point to point above the cable.

The invention consists in the peculiar and novel construction of the clip and the supporting-hook more fully described hereinafter, and more particularly pointed out in the claims.

Figure 1 is a perspective view of my improved cable-clip. Fig. 2 is a transverse sectional view of the same. Fig. 3 is a perspective view of the blank from which the hook is bent, and Fig. 4 is a perspective view of the blank of which the clip proper is made.

Similar numerals of reference indicate corresponding parts in all the figures.

In the drawings, 5 indicates the cylindrical portion of the band forming the clip; 6, the beveled flanges on each end of the cylindrical portion of the clip by which the cutting of the envelop of the cable is prevented when the clip is drawn tightly around the cable.

7 indicates one of the flanges, the upper edge 8 of which is bent over so as to cover the joint between the two flanges. 9 is the other flange, and 10 10 are two slits, one made in each of the two flanges 7 and 9. Through these slits the tongue 11, from which the hook 12 is bent up, as shown in Figs. 1 and 2, is entered. 13 indicates the bearing-shoulders, and 14 the latch.

When the blank shown in Fig. 4 is bent into the form shown in Figs. 1 and 2, the flange 9 bears against the under surface of the bent-over portion 8. The blank shown in Fig. 3 is now bent into the form shown in the hook 12 in Fig. 2 and inserted into the

slits 10, as is shown in Figs. 1 and 2. When, now, the cable is suspended from the supporting-wire by the hook 12, the tongue 11 is drawn through the slits, the shoulders 13 are brought against the lower part of the flange 9, and the weight of the cable will draw the flanges together and the clip close to the cable, thus firmly securing the clip on the cable. A metal band thus drawn tightly onto the cable will partly enter the envelop, the edges cutting the outer portion and injuring the same. By the use of the beveled flanges 6 6 the edges form a flaring shoulder, which, when partly embedded in the yielding envelop, will not cut the same.

By bending the end 14 of the blank shown in Fig. 3 into the form shown in Fig. 2 the latch 14 is formed, which closes the inlet to the hook and prevents the hook from being lifted off from the supporting-wire in a high wind, when the cable is caused to swing and is often disengaged from the supporting-wire.

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

1. In a cable-clip, the combination with the cylindrical portion 5, the flange 7 having the bent-over portion 8, the flange 9 and the slits 10 10, of the sheet-metal hook consisting of the tongue 11 provided with the shoulders 13 13 adapted to suspend the cable and draw the flanges together by the weight of the cable, as described.

2. In a cable-clip, the combination with the cylindrical portion 5, the flange 7, the bent-over portion 8, the flange 9, the slit and the beveled flanges 6, of the supporting-hook formed of a sheet-metal blank and having the tongue 11 bent into the hook form provided with the shoulders 13 13, and the latch 14, whereby the clip is secured to the cable suspended from its supporting-wire and secured against accidental unlocking, as described.

In witness whereof I have hereunto set my hand.

RUSSELL H. LEWIS.

Witnesses:

M. F. BLIGH,

J. A. MILLER, Jr.