

No. 749,989.

PATENTED JAN. 19, 1904.

O. C. HOFFMANN.
CABLE CLIP.

APPLICATION FILED DEC. 8, 1902.

NO MODEL.

Fig. 1.

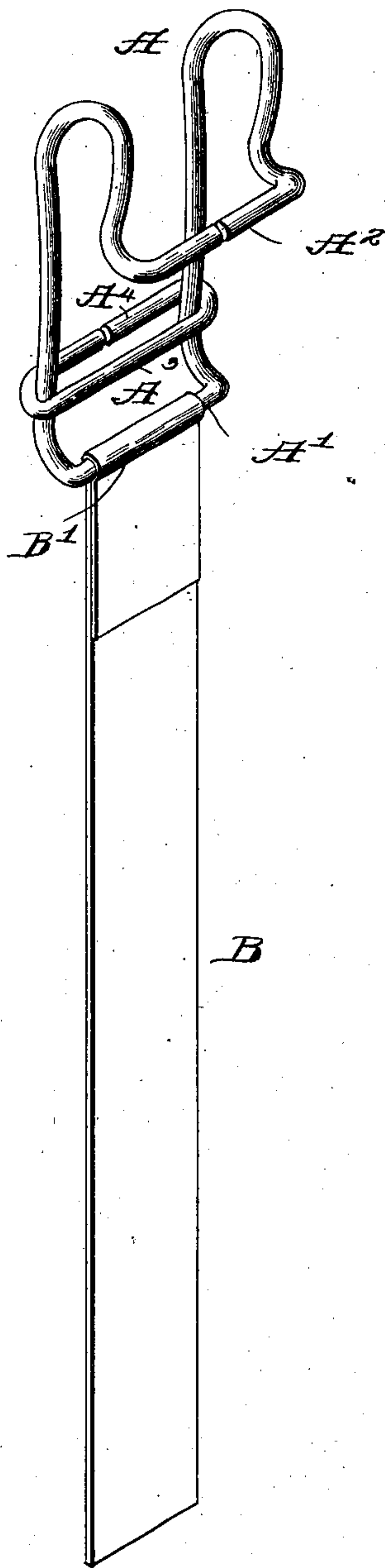


Fig. 2.

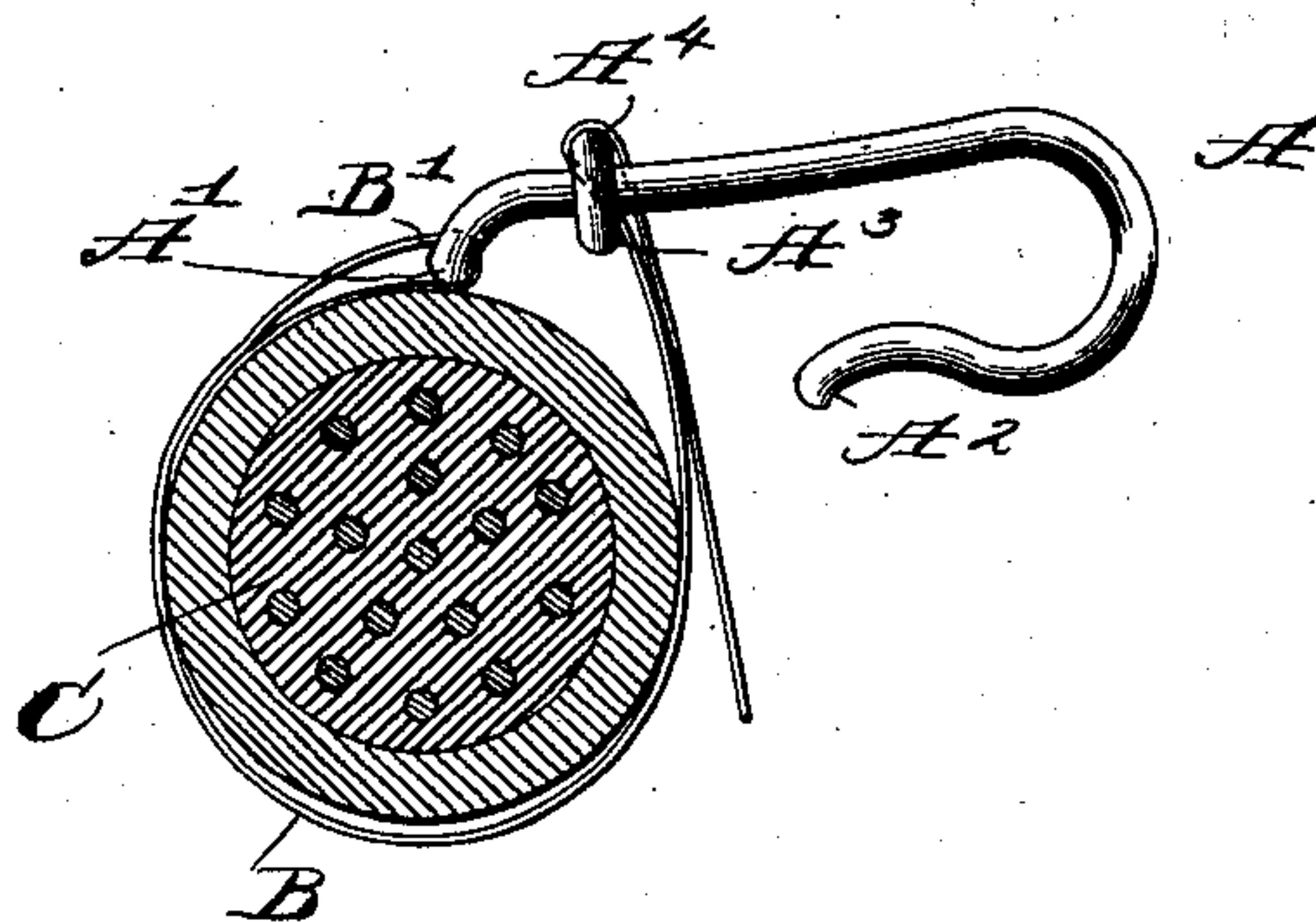
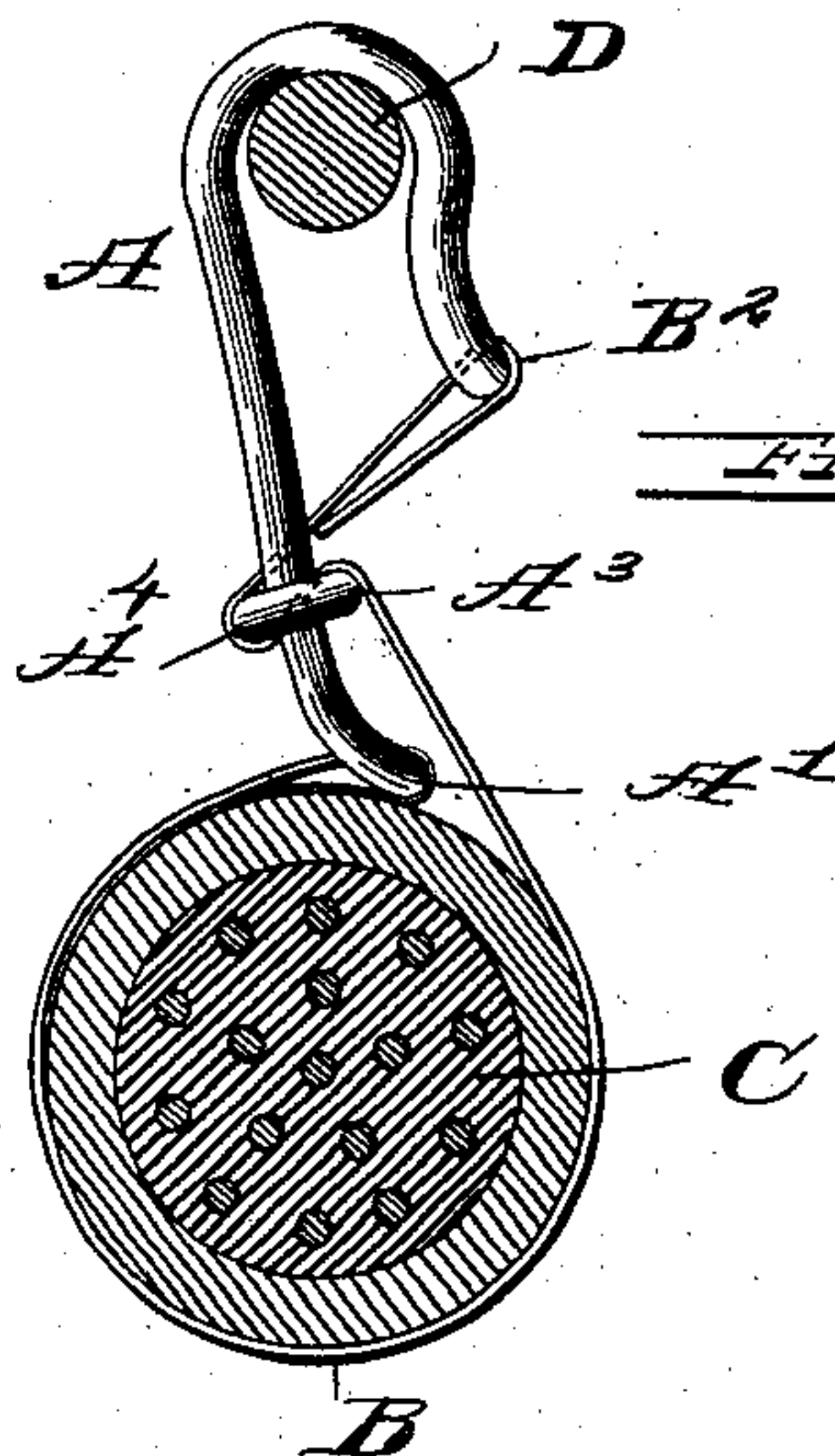


Fig. 3.



WITNESSES.

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CABLE-CLIP.

SPECIFICATION forming part of Letters Patent No. 749,989, dated January 19, 1904.

Application filed December 8, 1902. Serial No. 134,357. (No model.)

To all whom it may concern:

Be it known that I, OTTO C. HOFFMANN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Cable-Clips, of which the following is a specification.

One of the objects of this invention is the production of an improved cable-clip for connecting electric cables to their supporting-wires.

A further object is the provision of means for locking the clip to its supporting-wire.

In the accompanying drawings, Figure 1 is a perspective view of a cable-clip embodying my invention, showing the clip ready to be applied to an electric cable. Fig. 2 is a view showing the cable-clip in side elevation and an electric cable in transverse section. The clip is represented in this view as partially applied to a cable. Fig. 3 is a view similar to the last preceding figure, showing the clip in position and locked upon the supporting-wire, which latter and the cable are represented in cross-section.

In the embodiment herein shown of my invention I provide a suspension-hook member A, formed from a single piece of wire, the middle of which constitutes a base-bar A'. From the base-bar the two ends of the wire are bent at a right angle, extending upward and curving slightly rearward from said base-bar. At a little distance above the base-bar the side wires are bent in return-loops, forming the hooks proper, the ends of which hooks are bent inward and abut to form a locking-bar A². A little way above the base-bar A' a wire is wound about the two opposite sides of the hook, forming the two cross-bars A³ and A⁴. The clip is completed for the market by passing the end of the band B, formed, preferably, of sheet metal, around the base-bar A' and bending said band in the loop B' to encircle said base-bar.

C represents an electric cable, and D a supporting-wire therefor.

In its application the clip is held in a horizontal position above the cable to which it is

to be attached and the band B wrapped around said cable to encircle it. The free end of the band is then inserted (from right to left, Fig. 2) between the cross-bars A³ and A⁴ and bent over the latter and downward against the body of the band B, Fig. 2. The hook A is now raised into a vertical position, as shown in Fig. 3, moving the opposite ends of the band B in contrary directions and causing said band to hug the cable tightly. When it is desirable to lock the cable upon the supporting-wire D, the end of the band B is thrust forward (from left to right, Fig. 2) between said supporting-wire and the locking-bar A² and bent around said locking-bar in the loop B², the end of said band lying against the under side of the intermediate portion of the band that passes from the cross-bar A⁴ to the locking-bar A². The end of the band at the loop B' is held firmly against the cable by the grip of the band upon the cable. The outer end of the band B, as hereinbefore explained, is held by the engagement of the loop B² with the cross-bar A³ or the locking-bar A².

It is clear that the hook A might be made of other material than wire and by casting or punching instead of by bending, and that various other slight changes might be resorted to in the production of this cable-clip without departing from the spirit of my invention; wherefore I desire to have it understood that I do not limit myself to the construction herein shown and described.

I claim as my invention—

1. In a cable-clip, a suspension-hook member having a curved hook portion, a base-bar near one end, a locking-bar near the extremity of the curved hook portion, and a cross-bar intermediate the base-bar and the locking-bar; in combination with a flexible band looped around the base-bar, over the cross-bar, and around the locking-bar.

2. In a cable-clip, a suspension-hook member having a curved hook portion, a base-bar near one end, and a two-part cross-bar consisting of a loop of wire bent around the sides of the hook member; in combination with a flexible band looped around the base-bar near

one of its ends and over one of said cross-bars and beneath and around the other of said cross-bars.

3. A suspension-hook member for cable-clips, having a curved hook portion, a base-bar at its lower end, a locking-bar at the outer extremity of the curved hook portion, and a cross-bar intermediate the base-bar and the locking-bar.

10 4. A suspension-hook member for cable-clips, having a curved hook portion, a base-bar at its lower end, a locking-bar at the outer extremity of the curved hook portion, and a two-part cross-bar intermediate the base-bar
15 and the locking-bar.

5. A suspension-hook member for cable-clips, formed of wire, the middle portion of which constitutes a base-bar, said hook member having two side portions bent substantially at a right angle to said base-bar, a curved hook portion at the upper end of each side portion, a locking-bar formed by the intumed ends of the curved hook portion, and a two-part cross-bar consisting of a second wire wrapped around said side portions. 20

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Witnesses:

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