

No. 893,438.

PATENTED JULY 14, 1908.

J. CAESAR.

CLIP FOR SUPPORTING ELECTRIC CABLES.

APPLICATION FILED NOV. 14, 1905.

FIG. 1.

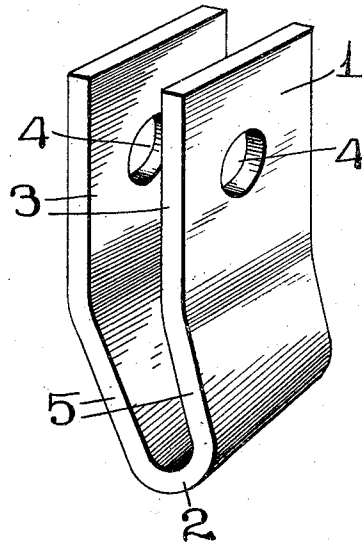


FIG. 2.

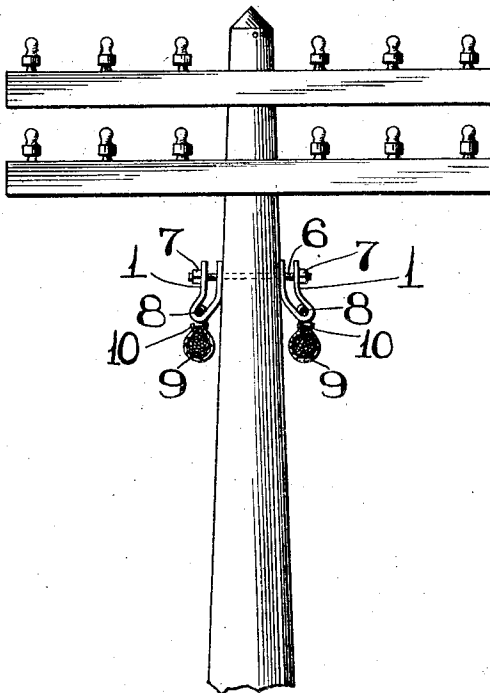
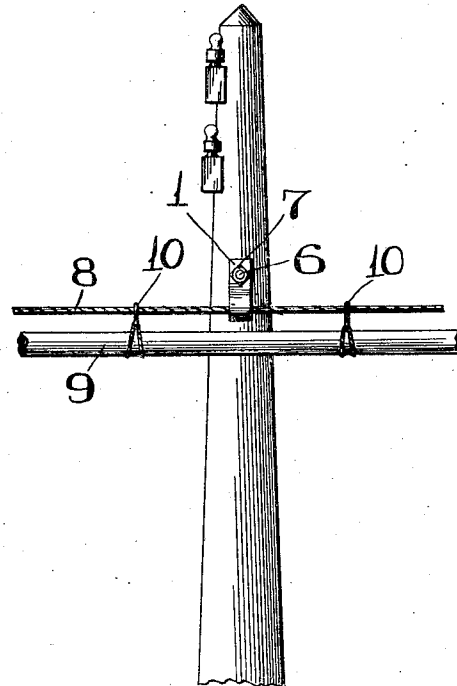


FIG. 3.



ATTEST.

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CLIP FOR SUPPORTING ELECTRIC CABLES.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN CAESAR, a citizen of the United States, and a resident of St. Louis, Missouri, have invented certain new and useful Improvements in Clips for Supporting Electric Cables, of which the following is a specification containing a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to an improved clip for supporting electric cables, and the object of my invention is to provide a simple, inexpensive spring clamp which is adapted to be bolted to a post or other support, and which will receive the strand that carries the cable that is made up of a series of telephone, telegraph, or electric light wires.

My improved clip is particularly adapted for use in supporting the lead cables that inclose a large number of telephone wires, such as are made use of in the telephone service of the present day.

To the above purposes, my invention consists in certain novel features of construction and arrangement of parts, that will be hereinafter more fully set forth, pointed out in my claims, and illustrated in the accompanying drawings, in which,—

Figure 1 is a perspective view of my improved clip; Fig. 2 is an elevation of the upper end of a post with a pair of my improved clips secured thereto, and supporting a pair of cables; Fig. 3 is a side elevation of the post seen in Fig. 2, and showing one of the clips in position thereon.

In the construction of my improved clip, I make use of a sheet or plate 1 of steel, or similar spring metal, and this plate or bar is bent into the form of an elongated letter U, and the lower end of the plate so bent is rounded, as indicated by 2, in order to form a semi-circular seat or bearing for the strand that is engaged in the clip.

The upper ends or portions 3 of the clip occupy parallel vertical planes, and formed through the centers of these portions are the coinciding apertures 4. The portions 5 below these vertical portions 3 and above the semi-circular bearing or seat 2 are bent outwardly at a considerable angle relative the vertical portions 3. This outward bend is for the purpose of bringing the bearing or seat 2 into a position away from the face of the post or base to which the clip is secured, and this allows the cable that is supported by the clip to hang free from the post or base.

In attaching a clip of my improved construction, a bolt is passed through the coinciding apertures 4, and as the nut on said bolt is tightened, the upper portions 3 of the clip are drawn together, and the natural resiliency of the metal of which the clip is constructed acts to hold said clip very firmly in position upon the post or base to which it is bolted.

Where it is desired to arrange a pair of the clips on opposite sides of a post, a bolt, such as 6 having both ends threaded is horizontally arranged through the post with its ends projecting therefrom, and the clips are now located upon the projecting ends of said bolts, after which nuts 7 are located on the threaded ends of said bolts, and when said nuts are tightened the clips are very rigidly held in position.

The strands 8 occupy the semi-circular bearings or seats 2 at the lower ends of the clips and extend from one post to another, and support the cable 9 by means of suitable hangers 10.

Where a clip of my improved construction is made use of, the supporting strand is very rigidly held in position and it cannot be detached from the clip until said clip is removed from the bolt that secures it to the post or other base.

The clips are made in one piece of heavy spring metal, and are therefore strong and substantial, and may be easily and cheaply manufactured.

I claim:

As a new article of manufacture, the herein described clip for clamping and suspending cables, comprising a single piece of resilient metal bent double into elongated U-shape, and the lower portion of the clip so shaped being bent laterally at an angle relative the vertically disposed upper portions of the clip, and the space between the two parts of the lower portion of the clip gradually tapering toward the lower end, and there being a pair of aligned circular apertures formed through the upper portions of the clip.

In testimony whereof, I have signed my name to this specification, in presence of two subscribing witnesses.

JOHN CAESAR.

Witnesses:

M. P. SMITH,
JOHN C. HIGDON.