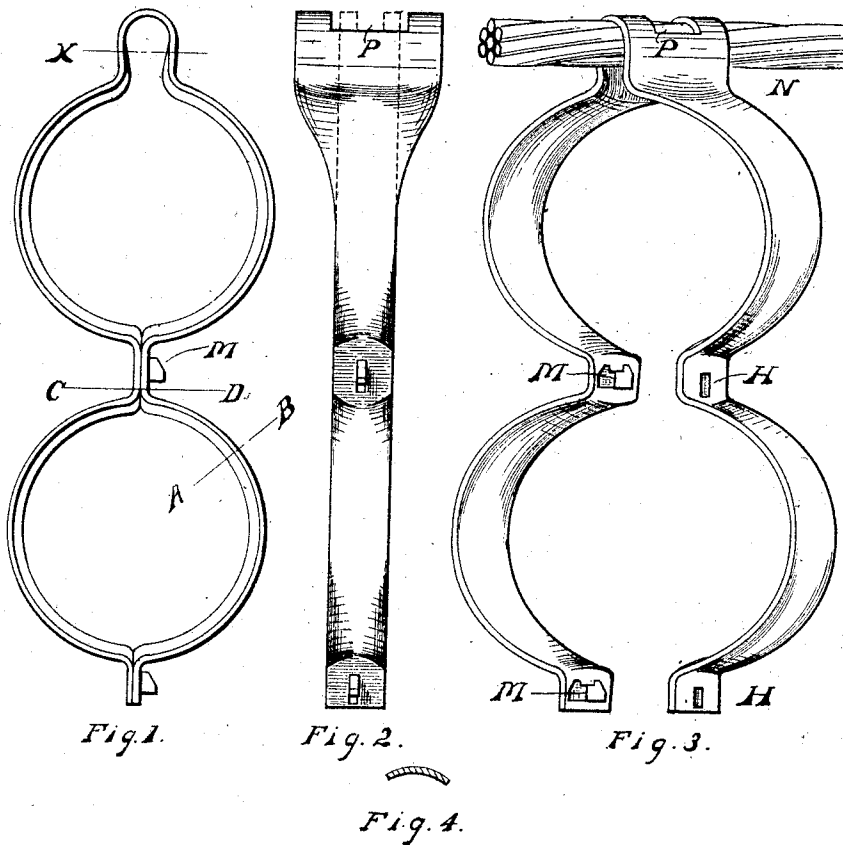


M. MOREY.
 SUSPENSION FOR CABLES.
 APPLICATION FILED MAY 1, 1911.

1,025,098.

Patented Apr. 30, 1912.



Witnesses.

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SUSPENSION FOR CABLES.

1,025,098.

Specification of Letters Patent.

Patented Apr. 30, 1912.

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To all whom it may concern:

Be it known that I, MYRON MOREY, a citizen of the United States, residing at Milford, in the county of Worcester and State of Massachusetts, have invented a new and useful Suspension for Cables, of which the following is a specification.

My invention relates to an improved way of suspending telephone or other cables, from a supporting cable commonly known as a guard wire.

The objects of my invention are to provide an easy way to put up and take down telephone or other cables of this nature, and to have same permanent and substantial, also to be able to use material for construction which has been in use, and to provide means in telephone line construction where an increase of service is expected by placing on guard wire or supporting cable a double ring construction, one ring of which (preferably the lower one) is used to carry the individual wires as the service increases, and when it is decided to displace the individual wires by putting in a cable, it can be done by drawing the cable through the upper ring thus dispensing with the present method of putting up another guard wire to support cable, and then taking down the old line of individual wires. I attain these objects by the device illustrated in the accompanying drawings in which—

Figure 1 is a vertical view of the device showing rings, loop for engaging cable, and catch for holding it closed. Fig. 2 is a vertical view of device showing how loop is made wider than lower part, thus making it more rigid while cable is being drawn through. Fig. 3 is a perspective view of device open with section of cable in loop showing manner of its application, also shows how catch M, is made by punching and turning in at right angles. Fig. 4 is a section along the line A.—B. showing the thickness of metal and crowning it on inner surface to stiffen, and to make better surface for cable to slide over.

Similar letters refer to similar parts throughout the several views:

In Fig. 3 the opening in loop is made of such a size as to slip over cable N. Fig. 3, when open as shown in drawing, and when closed as in Fig. 1 the sides of loop are pressed against cable holding it in a rigid position the top of loop being cut away as shown in Figs. 2-3 at *p*, which, weakening

the top and giving such a distribution of metal as to allow it to hinge more easily, thus causing more pressure on the insides of the loop to hold the device in a rigid position on guard wire N. Fig. 3.

It is understood that upper part of loop could be made to hinge like door hinges also by thinning down upper part of loop instead of punching out a piece as shown in Figs. 2-3 at *p*, but they form no part of this specification.

The crowning of inner surface of ring to make ring stiff should be carried up the edge of loop to a point about *x* Fig. 1.

Catches M Fig. 3 are made by punching and turning in, and should be placed in such a position relatively to slot H Fig. 3 so that when engaged and locked they will hold ring together as shown by Fig. 1. The side of ring with catch M, Fig. 3 should be so shaped that when open catch M will be slightly above slot H so that when locked the spring pressure will hold it firmly in position.

It is understood that where there is use in line construction for only the single ring this same device can be used by cutting off on dotted line C—D, Fig. 1.

It is also understood that the double ring construction also single ring can be used to apply wood sheathing where same is deemed necessary for insulation. Where the strains of line construction are not too severe this device may be made of uniform width as shown by dotted lines Fig. 2, thus lessening cost of manufacturing.

Having now described my invention what I claim and desire to secure by Letters Patent is—

1. In a suspension for cables of the character described, comprising a single piece, a laterally formed supporting wire engaging loop intermediate its free ends, two semi-circular cable engaging loops with inner surfaces crowned on each half, intermediate supporting wire engaging loop and free ends, and portions of said single piece connecting cable engaging loops and at free ends containing locking devices substantially as set forth.

2. In a suspension for cables of the character described comprising a single piece, a laterally formed supporting wire engaging loop intermediate its free ends, two semi-circular cable engaging loops with inner surfaces crowned on each half intermediate

supporting wire engaging loop and free ends, portions of said single piece connecting cable engaging loops and at free ends containing locking devices, said locking devices consisting of lugs perpendicular to inner surface of said connecting portion, and at free end, said lugs containing notches, said notches engaging slots in corresponding component parts to hold in operative position.

3. In a suspension for cables of the character described comprising a single piece, a laterally formed supporting wire engaging loop intermediate its free ends, two semicircular cable engaging loops with inner surfaces crowned on each half intermediate supporting wire engaging loop and free ends, portions of said single piece connecting cable engaging loops and at free ends containing locking devices, said locking devices consisting of lugs perpendicular to inner surface of said connecting portion and at free end, said lugs containing notches, said notches engaging slots in corresponding component part and means for increasing the flexibility of supporting wire engaging

loop by a lateral centrally located slot in supporting wire engaging loop substantially and for the purpose described.

4. In a suspension for cables of the character described, comprising a single piece with one semicircular cable engaging loop with inner surface crowned intermediate its center and free ends on each half, lips containing locking devices at free ends, said locking device consisting of a lug perpendicular to inner surface of said lips on one half, said lug containing notch, said notch engaging slot in lip of corresponding component part at free end, a laterally formed supporting wire engaging loop connecting members containing cable engaging loops and lips containing locking devices at free ends, and means for increasing the flexibility of said supporting wire engaging loop by a laterally centrally located slot in supporting wire loop, substantially as described.

MYRON MOREY.

Witnesses:

LUKE MOREY,
PERL L. SARTY.