(No Model.)

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HANGER FOR ELECTRIC WIRES.

No. 473,158. Patented Apr. 19, 1892.

Fig. 1.

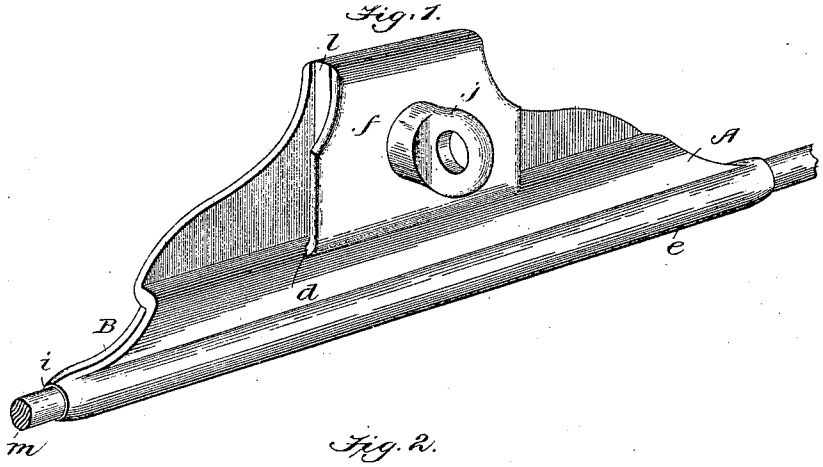


Fig. 2.

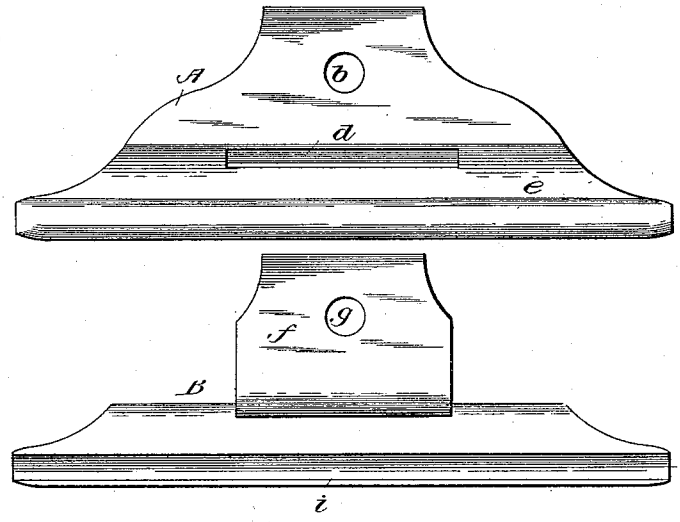


Fig. 3.

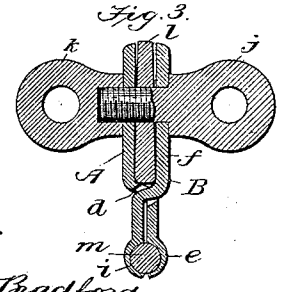
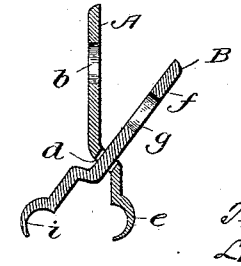


Fig. 4.



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UNITED STATES PATENT OFFICE.

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HANGER FOR ELECTRIC WIRES.

SPECIFICATION forming part of Letters Patent No. 473,158, dated April 19, 1892.

Application filed February 2, 1892. Serial No. 420,059. (No model.)

To all whom it may concern:

Be it known that we, THOMAS IMESON, LEWIS D. TIBBETS, and CHARLES L. F. KELLOGG, citizens of the United States of America, residing at Seattle, in the county of King and State of Washington, have invented certain new and useful Improvements in Hangers for Electric Wires, of which the following is a specification, reference being had therein to the accompanying drawings.

Our invention relates to hangers for suspending trolley-wires for electric railways and for other like purposes.

Our invention consists of a wire-holder composed of two interlocking jaws, and a pivot-plate upon which the jaws articulate, and a bolt and nut for locking the jaws.

The object of our invention is to form a holder for electro-conductors or trolley-wires that will admit of ready adjustment, so the wire can be taken up when slack, and that will give a more secure and durable support than those now in use, and that will permit the wire to be readily connected and disconnected when constructing or repairing the line.

In the accompanying drawings, Figure 1 is a perspective view showing our improvement as it will appear in use. Fig. 2 is a side view showing the clamps or jaws of the hanger as they would appear if the binding-screws were removed and the jaws were to be separated. Fig. 3 is a section taken through the center of the hanger, looking at it from the end. Fig. 4 is a similar view with the bolt and pivot-plate removed.

Our improved hanger is composed of the jaws A B, the jaw A having a slot *d*, into which fits the part *f* of the jaw B when the two jaws are interlocked by passing the part *f* through the slot *d*, as shown in Figs. 1, 3, and 4. The pivot-plate *l* is inserted between them, as shown in Figs. 1 and 3. The jaws are provided with holes *b g*, which register with a similar opening in the pivot-plate *l*. The bolt *j* is then inserted and the nut *k* adjusted until the clamps *e i* have closed upon the wire *m*. The pivot-plate *l* is made slightly larger at the bottom than at the top, that the jaws may clamp the wire *m* tightly before the sides of the pivot-plate arrest their movement. The bolt *j* and nut *k* are each provided with holes, through which the guy-wires pass in suspending the holder and trolley-wire from suitable supports.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. An electro-conductor or trolley-wire support consisting of the interlocking jaws A B, in combination with the pivot-plate *l*, substantially as described.

2. In an electro-conductor or trolley-wire support, the combination of the interlocking jaws A B and plate *l* with the bolt *j* and nut *k*, substantially as described, and for the purpose specified.

3. In an electro-conductor or trolley-wire support, two interlocking jaws, a plate upon which said jaws articulate, and means for causing said jaws to close upon and bind the wire, substantially as described.

In testimony whereof we affix our signatures in presence of two witnesses.

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