

(No Model.)

W. R. PATTERSON.

MEANS FOR HANGING TELEGRAPH CABLES.

No. 311,523.

Patented Feb. 3, 1885.

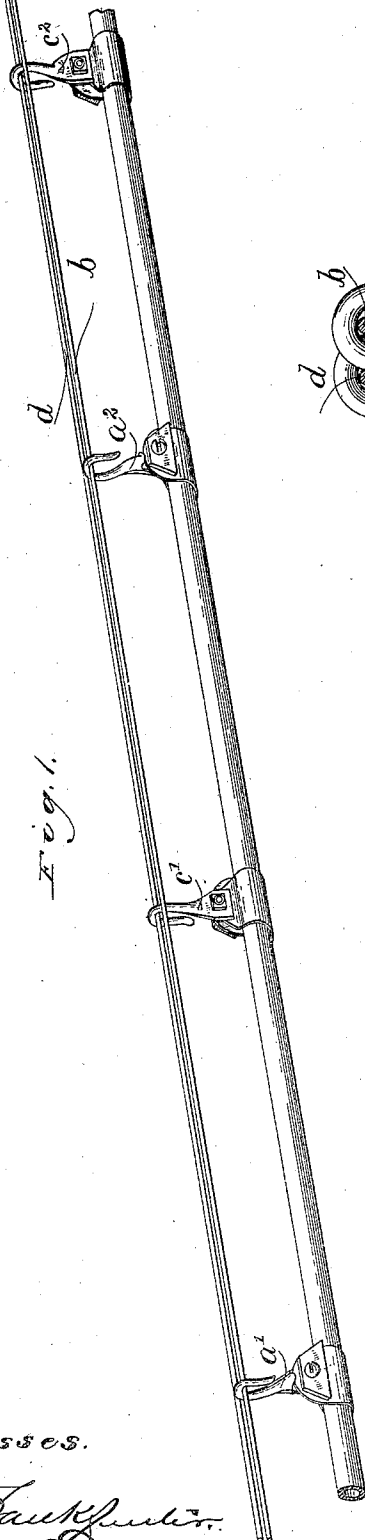


Fig. 1.

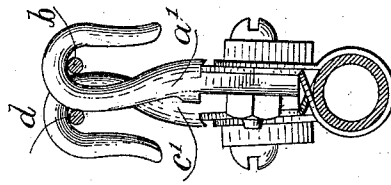


Fig. 2.

Witnesses.

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UNITED STATES PATENT OFFICE.

WILLIAM R. PATTERSON, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE
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MEANS FOR HANGING TELEGRAPH-CABLES.

SPECIFICATION forming part of Letters Patent No. 311,523, dated February 3, 1885.

Application filed September 22, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM RODNEY PATTERSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Means for Hanging Telegraph-Cables, (Case 43,) of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to hanging telegraph-cables; and it consists in providing two parallel suspending-wires, hooking the hangers attached to the cable one after the other alternately to the different suspending-wires, so that the hooks on the different wires will face outwardly in opposite directions, whereby the cable is provided with two independent supports which reciprocally prevent the hooks from being thrown off from the said supports respectively. The hooks or hangers may be attached to the cable, say, at about three feet apart, so as to face outwardly alternately in opposite directions. The hooks which face in one direction are placed upon one suspending-wire, while those that face in the opposite direction are placed upon the other suspending-wire. There will then be two series of hooks facing outwardly in opposite directions, one series of hooks being on one suspending-wire and the other series being on the other suspending-wire. As the wires are placed parallel and near together they will reciprocally act as guards to keep the hooks from being thrown off. In case one suspending-wire should be broken the other wire will carry the cable. The hooks of the series of the broken wire will be in line facing outwardly in the same direction, so that they may all be readily caught upon the new suspending-wire.

My invention is illustrated in the accompanying drawings, in which Figure 1 is a perspective view showing a cable suspended by my new method. Fig. 2 is an elevation as seen from a transverse section of the cable,

showing the position of two hooks when hung upon the suspending-wires.

In Fig. 1 the hooks a' a'' face in one direction and are placed upon the wire b . The hooks c' c'' face in the opposite direction and are placed upon the wire d . Each hook is thus secured rigidly to the cable and placed between the two wires, one wire coming under the hook and the other wire at the back of the hook, as shown in the drawings. Suppose, now, the wire d should be broken, the wire b would still support the cable, and the hangers c' , c'' , &c., all facing in the same direction, would remain in line, so as to be caught upon the new suspending-wire. Cables thus supported are held securely, the hooks are not liable to be thrown off the suspending-wires, and in case one wire is broken the other wire supports the cable while the alternate hooks are in line ready to be taken by a new wire drawn up under them.

I claim—

1. The combination, with a telegraph-cable, of hooks rigidly attached thereto, the alternate hooks facing outwardly in opposite directions, and two suspending-wires whereby the hooks are supported and prevented from being thrown off, substantially as and for the purpose specified.

2. The combination of suspending-wires b d , each supporting a separate series of hooks facing in opposite directions and attached to the cable, substantially as and for the purpose specified.

3. The combination, with a telegraph-cable, of hooks attached thereto, the alternate hooks facing outwardly in opposite directions, and two suspending-wires whereby the hooks are supported and prevented from being thrown off, substantially as and for the purpose specified.

In witness whereof I hereunto subscribe my name this 11th day of September, A. D. 1884.

WILLIAM R. PATTERSON.

Witnesses:

GEORGE P. BARTON,
H. ODELL.