

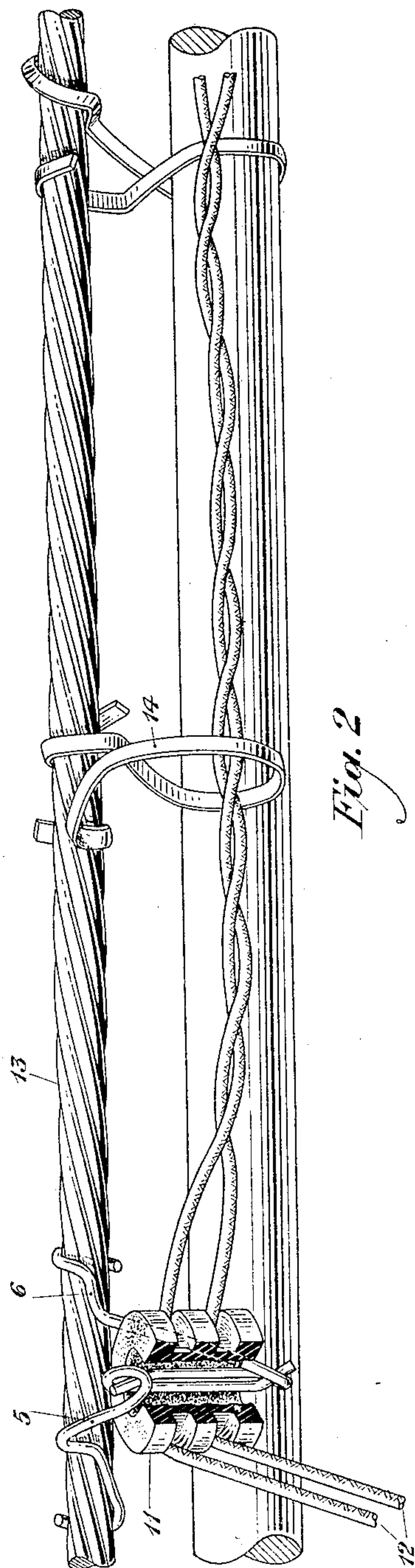
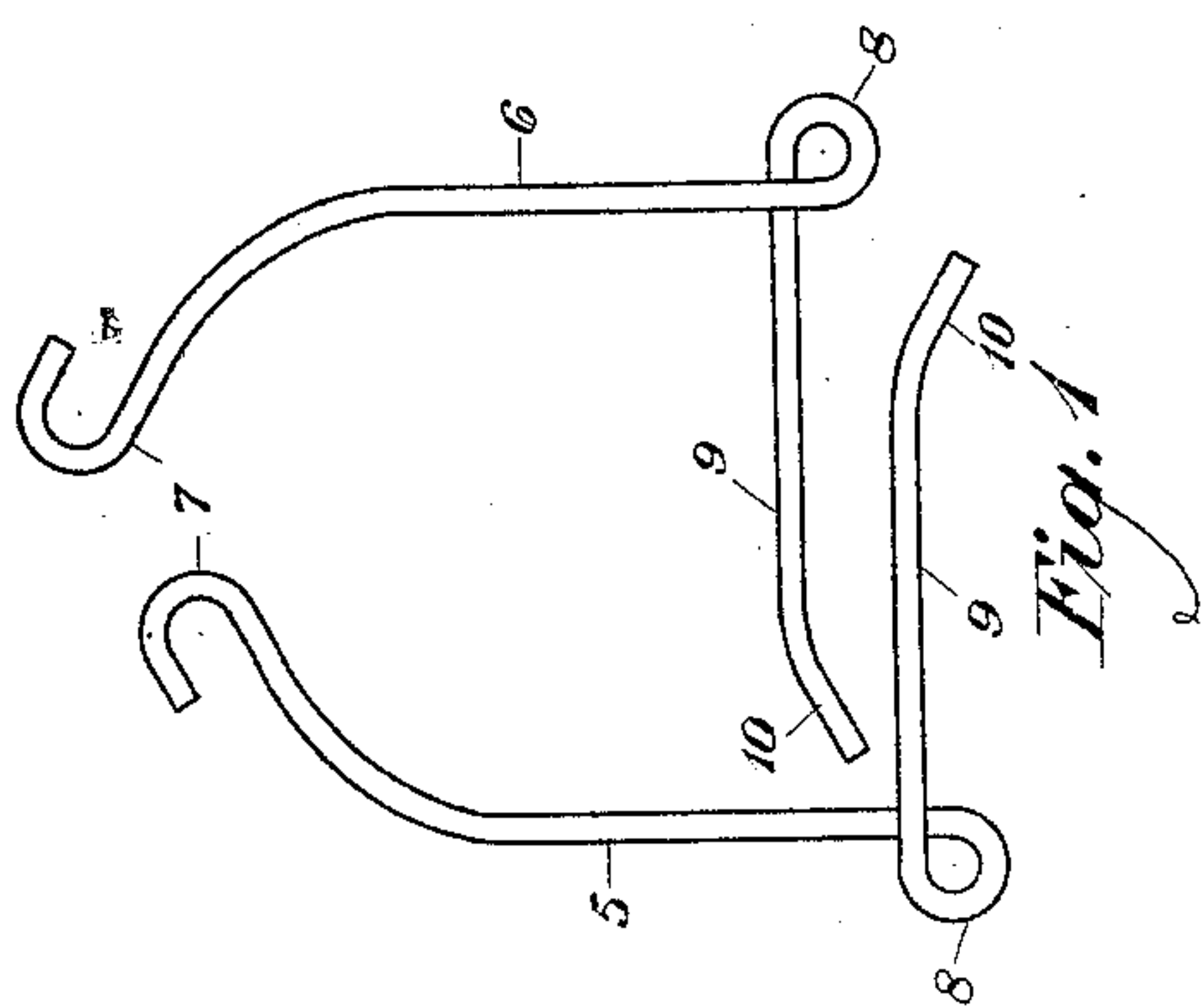
March 24, 1931.

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1,797,365

WTRE SUPPORT

Filed July 17, 1929



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WIRE SUPPORT

Application filed July 17, 1929. Serial No. 379,038.

This invention relates to supports for wires, and more particularly to supports for drop wires which extend from a messenger wire to a subscriber's station.

5 One of the objects of this invention is to provide a support for drop wires at a point where they leave the messenger wire.

A further object consists in providing a device of comparatively simple and inexpensive construction which may be readily and quickly applied to messenger wires and detached therefrom in an expeditious manner.

10 These and further objects of the invention will be apparent from the following description, when considered in connection with the accompanying drawing in which one embodiment of the invention is illustrated.

The novel features which are considered characteristic of this invention are set forth with particularity in the appended claim. The invention itself, both as to its organization and method of operation, together with other objects and advantages thereof, will be further explained in the following detailed description having reference to the accompanying drawing consisting of the following figures:

Figure 1 is an elevation of a pair of disengaged wire members which are adapted to be attached to each other in interlocked relation and rotatably support an insulator.

Fig. 2 is a perspective view of the improved device showing it in position on a messenger wire.

35 Referring to the drawing, in which the improved device is illustrated, the reference characters 5 and 6 designate two wire members of like formation throughout. The members 5 and 6 are each provided on one end with an offset hook portion 7, and the hook and vertical portions of the members 5 and 6 are connected by curved shoulder portions. By turning the other ends of said members to a substantially horizontal position so that they lie perpendicular to the vertical portions, the horizontally positioned portions of the members 5 and 6 form angular extensions 9. The extremities of the extensions 9 are bent downwardly as shown by

the portion to which the numerals 10 are applied.

In assembling the improved device for use, the hook portions 7 of the members 5 and 6 are oppositely positioned with respect to each other, and the angular extensions 9 are inserted from opposite sides of an insulator 11 through a central opening provided therein. The downwardly bent portions 10 of said angular extensions are inserted through the loops 8 of the oppositely positioned members 5 and 6, and the upper portions of these members are rotated toward each other. The positioning of the similarly formed members 5 and 6 in opposite relations to each other causes the angular portions 9 of these members to extend in an opposite direction to each other. The extensions 9, as more clearly shown in Fig. 2 of the drawing, pass over each other when their bent portions 10 are inserted in the loops 8 of the opposite members. Tension is exerted by each of these members on the opposite member when in the position described above and rotated toward each other. This rotation causes said members to be secured together in interlocked relation, and held in this position on a supporting messenger wire to be presently described.

The insulator 11, which is shown as having two circumferential grooves, is rotatably mounted on the locked angular projections 9, and serves to support a pair of wires thereon at a point where they leave the messenger wire 13 to be connected to a substation.

The hook members 7 are adapted to be sprung over the messenger wire 13 and be supported thereby. The pressure applied to the hook members by the angular extensions when coupled together and their vertical portions rotated toward each other, and interlocked as above outlined, causes said hook members to rigidly grip the messenger wire. This rigid gripping action is such as to cause the improved device to be held in a horizontal position on the messenger wire, as indicated in Fig. 2, and tends to prevent longitudinal or rotary movement of the device on the messenger wire.

The drop wires 12 may be extended from a

terminal box positioned on a pole, and strung
along the messenger wire through cable rings
14 affixed thereto, and said rings may be
somewhat tilted. The ring adjacent to the
support serves also to position the drop wires
5 so that they may more directly and readily
enter the grooves on the insulator. The drop
wires may be fixed to the insulator by the
usual tie wires which have not been illustrated
10 for the sake of clearness. The drop wires,
after leaving the insulator, may extend to the
substation they are to connect.

What is claimed is:

15 In a wire support, a pair of supporting
members, an insulator, each supporting mem-
ber being formed with a loop and an exten-
sion, said loops and extensions being so
formed that the extension of each supporting
20 member engages in the loop of the other
member to interlock and form a bearing for
the insulator, and hook members for gripping
a supporting strand whereby when said hook
members are applied to the strand the exten-
sions are firmly held together.

25 In testimony whereof, I have signed my
name to this specification this 12th day of
July, 1929.

HOWARD P. PUTNAM.

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