

C. E. ROBINSON.
CABLE HANGER.
APPLICATION FILED AUG. 19, 1907.

967,564.

Patented Aug. 16, 1910.

FIG. 1.

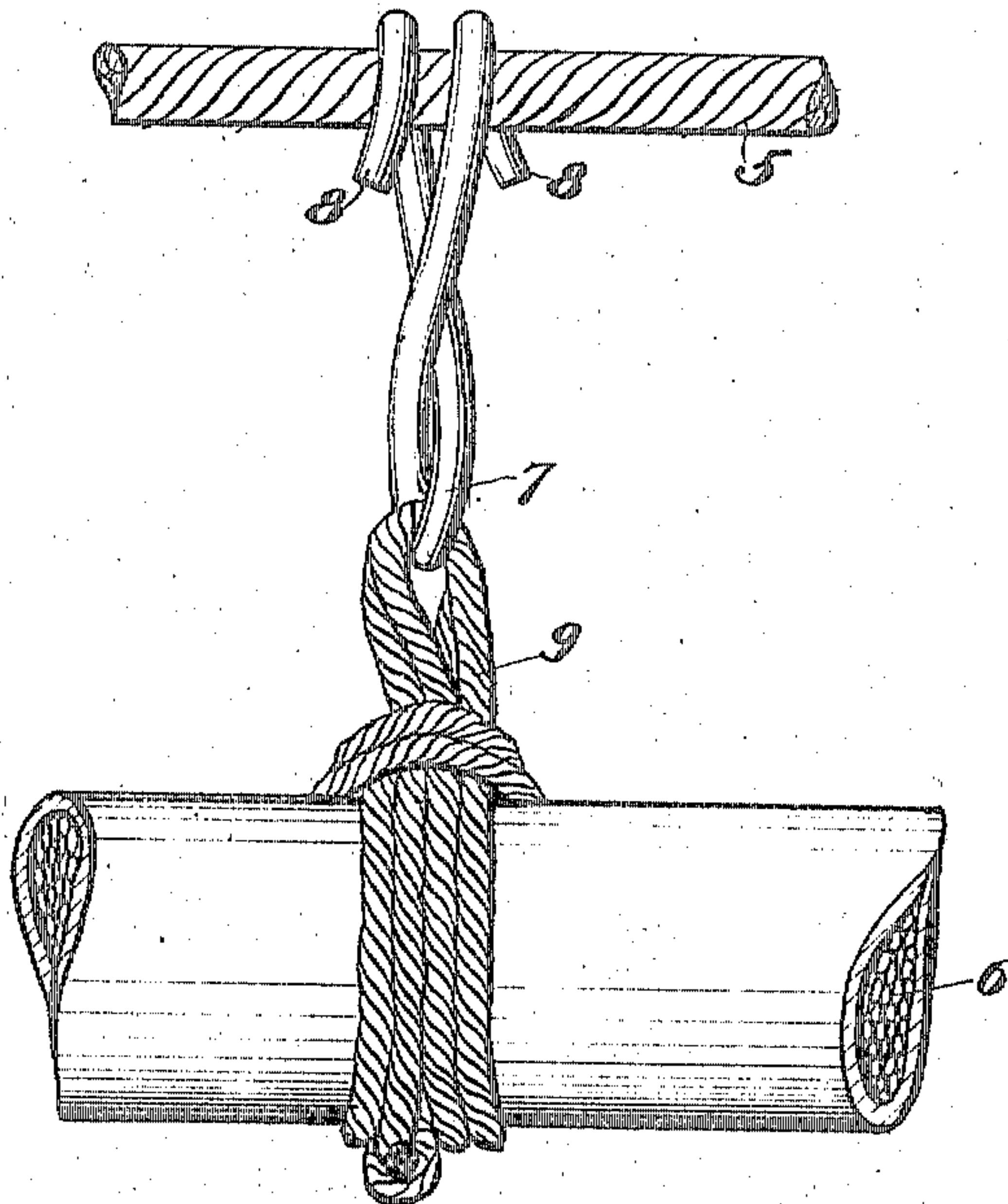


FIG. 2.

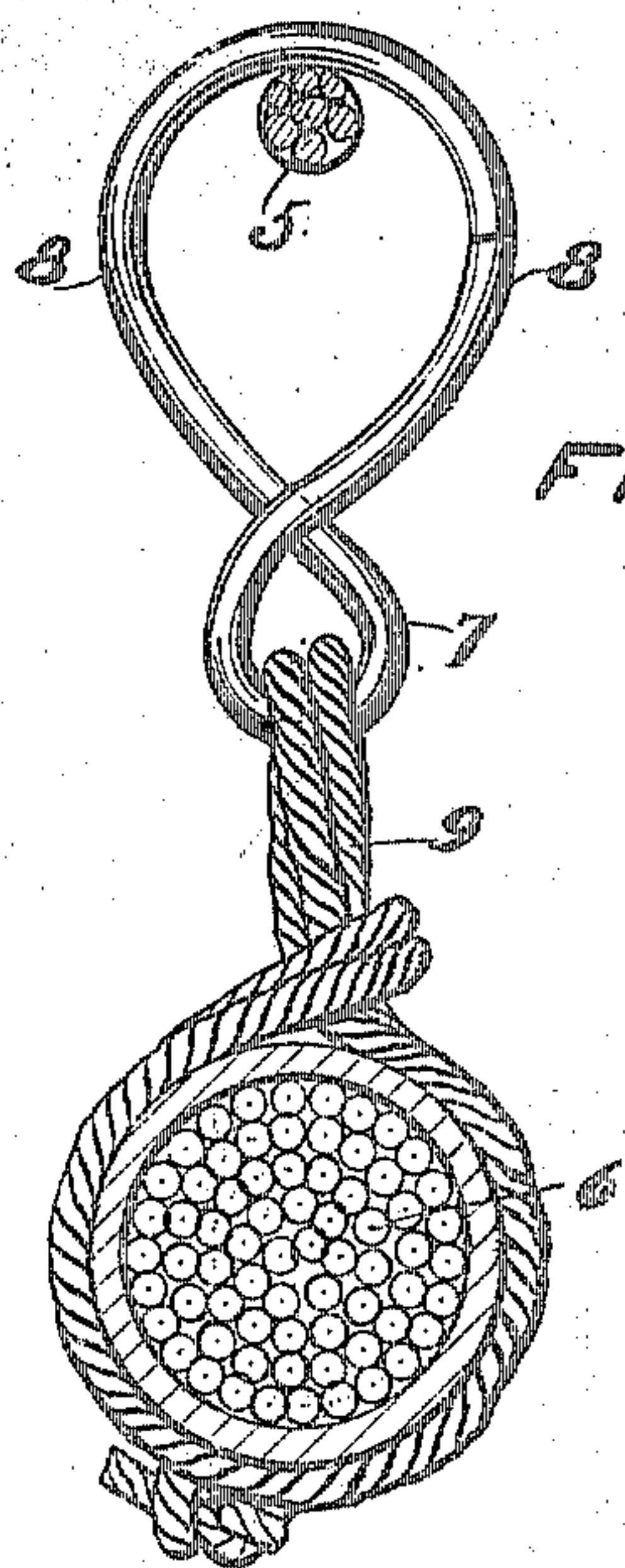
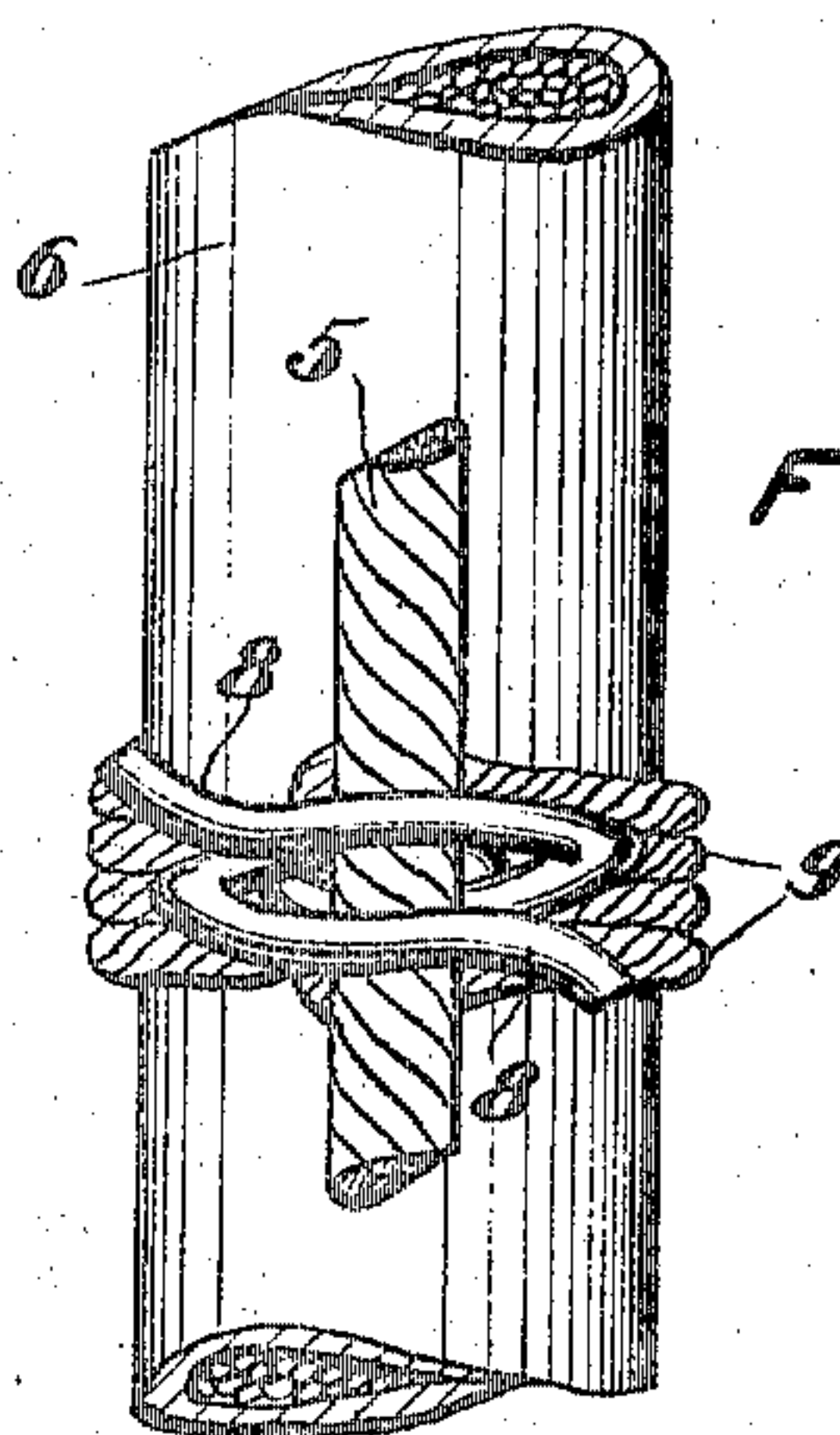


FIG. 3.



WITNESSES.

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CABLE-HANGER.

967,564.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES E. ROBINSON, residing in La Crosse, in the county of La Crosse and State of Wisconsin, whose residence and post-office are 1125 Vine street, La Crosse, Wisconsin, have invented new and useful Improvements in Cable-Hangers, of which the following is a description, reference being had to the accompanying drawings, which are a part of this specification.

This invention relates to cable hangers for supporting aerial cables for telephone service and the like and has for its object to provide a new form of clip construction which is incapable of becoming accidentally disengaged from the messenger wire.

With the above and other objects in view the invention consists in the cable hanger herein claimed, its parts and combinations of parts and all equivalents.

Referring to the accompanying drawings in which like characters of reference indicate the same parts in the several views; Figure 1 is a view of a cable hanger constructed in accordance with this invention applied as in use; Fig. 2 is a view thereof at right angles to the view shown in Fig. 1; and, Fig. 3 is a plan view thereof.

In these drawings 5 represents the usual messenger wire and 6 is the heavy service cable to be suspended thereby. A clip is provided of a single length of wire bent at its middle portion to form a loop eye 7 with its ends bent to form oppositely disposed hooks 8 in the relation of twin hooks in approximately parallel planes to the plane of the loop eye, each effectively closing the opening of the other and the two being spaced slightly apart and forming compound curves as shown in Figs. 1 and 3. A band of stout tie rope 9 is passed through the eye of the clip and its two loop ends are then placed together to form a single loop which is passed around the service cable and the clip is passed therethrough to form a double slip noose. This effectively fastens the clip to the service cable, and in order to attach it to the messenger wire it is only necessary to pass the messenger wire between the twin hooks 8, until it is below the free ends thereof and then turn the clip to the position shown in the drawings. The twin

hooks are preferably so close together as to require their being forced slightly apart by the passage of the messenger wire between them. By this means a service cable may be very quickly connected with the messenger wire and the clip is incapable of becoming accidentally disengaged by reason of the relation of the twin hooks to each other, as each guards the opening of the other.

When it is desired to disengage the clip it is only necessary to raise it and turn it to an angle to its normal position where its engaging parts cross the messenger wire at approximately right angles thereto, so that the two extremities of the wire take the messenger wire between them and the twisting bends of the twin hooks, the compound curvature of the engaging portion of each hook member enabling it to remain at approximately the same distance from the twisting portion of the other hook member to provide the passageway between them for the messenger wire. By the present construction the loop eye of the clip is given a twist of approximately a half turn so as to entirely prevent the passage of the tie rope to the hook members. The bends in the clip member cause it to form a figure eight with one loop produced by the eye 7 and the other loop produced by the pair of hook members as shown in Fig. 2.

What I claim as my invention is;

1. A cable hanger, comprising a clip formed of a single wire bent at its middle portion to form a closed eye with its ends twisted and bent to form a pair of twin hooks in approximately parallel planes with the plane of the eye, and a flexible band passing through the eye of the clip and forming a slip noose for engaging a cable.

2. In a cable hanger, a messenger wire, a service cable, a clip consisting of a single length of wire bent at its middle portion to form a closed loop eye with its ends twisted together and bent to form oppositely disposed hooks spaced apart and adapted to be engaged with the messenger wire by having the messenger wire forced between them to spring them apart, said hooks being in planes approximately parallel with the plane of the eye and forming compound curves to remain approximately

the same distance apart at their engaging parts, and a tie rope with its ends fastened together to form a band and passed through the eye of the clip with its two looped ends placed together to form a single loop extending around the service cable with the clip and its engaged portion of the tie rope passed therethrough so that said tie rope

forms a double slip noose around the service cable.

In testimony whereof, I affix my signature, in presence of two witnesses.

CHARLES E. ROBINSON.

Witnesses:

FRANK L. SHUMAN,
O. S. Sisson.