J. CARLSON.

SIGNAL WIRE SUPPORT.

APPLICATION FILED DEC. 23, 1911.

1,034,076.

Patented July 30, 1912.

Fig. 1.

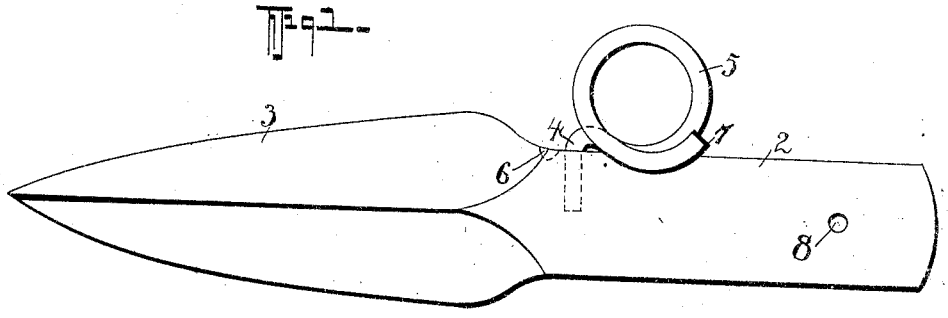
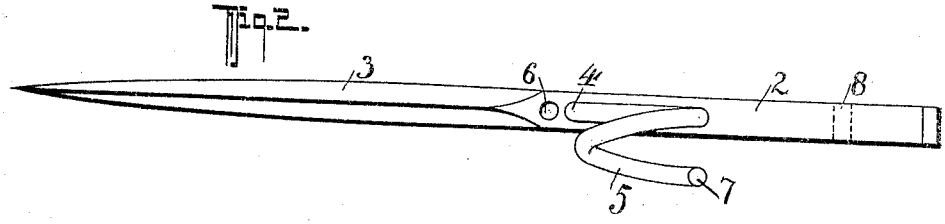


Fig. 2.



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SIGNAL-WIRE SUPPORT.

1,034,076. Specification of Letters Patent. Patented July 30, 1912.

Application filed December 23, 1911. Serial No. 667,564.

To all whom it may concern:

Be it known that I, JOHN CARLSON, citizen of the Dominion of Canada, residing at Lund, in the Province of British Columbia, Canada, have invented a new and useful Signal-Wire Support, of which the following is a specification.

This invention relates to a device by means of which a whistle cord support may be attached to trees for the conveyance of the cord through the forest from the logging engine to the station from which the logs are being conveyed.

Difficulty has been experienced in providing a support for the whistle cord that may be driven readily into the trees without risk of injury to the open ring through which the cord is passed.

The invention is particularly described in the following specification, reference being made to the drawings by which it is accompanied, in which:

Figure 1 is a side elevation, and Fig. 2, a plan of the support.

The device consists of two parts which are distinct in the services required from each, although permanently connected together: The securing spike which is driven into the tree, and the open ring secured to it through which the whistle cord is passed and by which it is supported and retained in place.

In these drawings 2 represents the head of the spike, which is preferably forged from flat bar iron and is flattened, as at 3, to offer thin edges as a spear point so that it may be driven with a minimum of resistance into a tree.

Into the upper edge of the head 2 adjacent to the spear head 3, one end 4 of an open ring 5, preferably of quarter inch round iron, is inserted into a hole drilled for it, and is secured therein by punching the metal with a set, as at 6, closing the metal tightly against the inserted end. This ring 5 is bent backward toward the head of the spike head 2 and is thereafter curved forward into a spiral circle, the free end 7 being laterally bent away from the secured end so as to leave a space between, through which the whistle cord may be passed into the ring. This bending of the ring backward upon the head 2 of the spike is advantageous in that the ring is supported against bending, under the inertia of a blow delivered on the head of the spike. The head of the spike may have a hole 8 drilled through it by which the articles may be strung on a wire for convenience in portability.

A simple and inexpensive device is thus furnished, which is effective for the purpose for which it has been designed: The flatness of the point of the spike and the fact that it is in direct alinement with the head, enables the spike to be driven easily into the wood lengthwise of the grain and the manner in which the line carrying ring is secured to and supported by the head to sustain the driving blow thereon are features of importance, which render the device particularly serviceable in the attainment of the object for which it is intended.

Having now particularly described my invention and the manner of its use, I hereby declare that what I claim as new and desire to be protected in by Letters Patent, is:

A signal line support, comprising a spike member the cross section of the head of which is a vertically elongated rectangle, said spike member being toward one end flattened out to thin edges and to a point, and an open ring secured in an aperture in the upper edge of the head and adjacent to the spear point, the body of the ring being bent backward from the attachment and thereafter bent round and spirally curved laterally.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN CARLSON.

Witnesses:
ROWLAND BRITTAIN,
MAY WHYTE.