

H. HAWLEY.
TENT PIN.
APPLICATION FILED APR. 18, 1908.

907,799.

Patented Dec. 29, 1908.

Fig. 1.

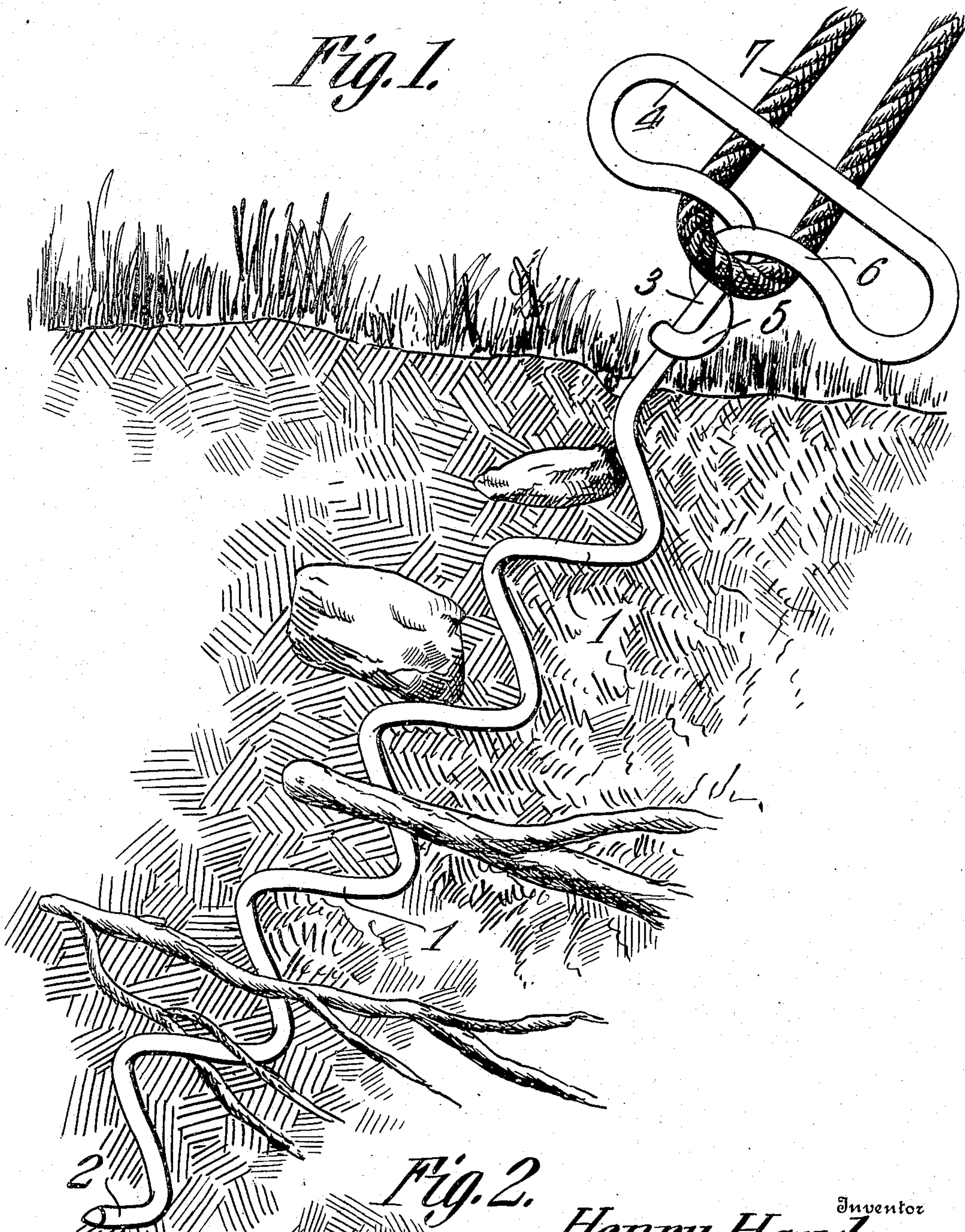
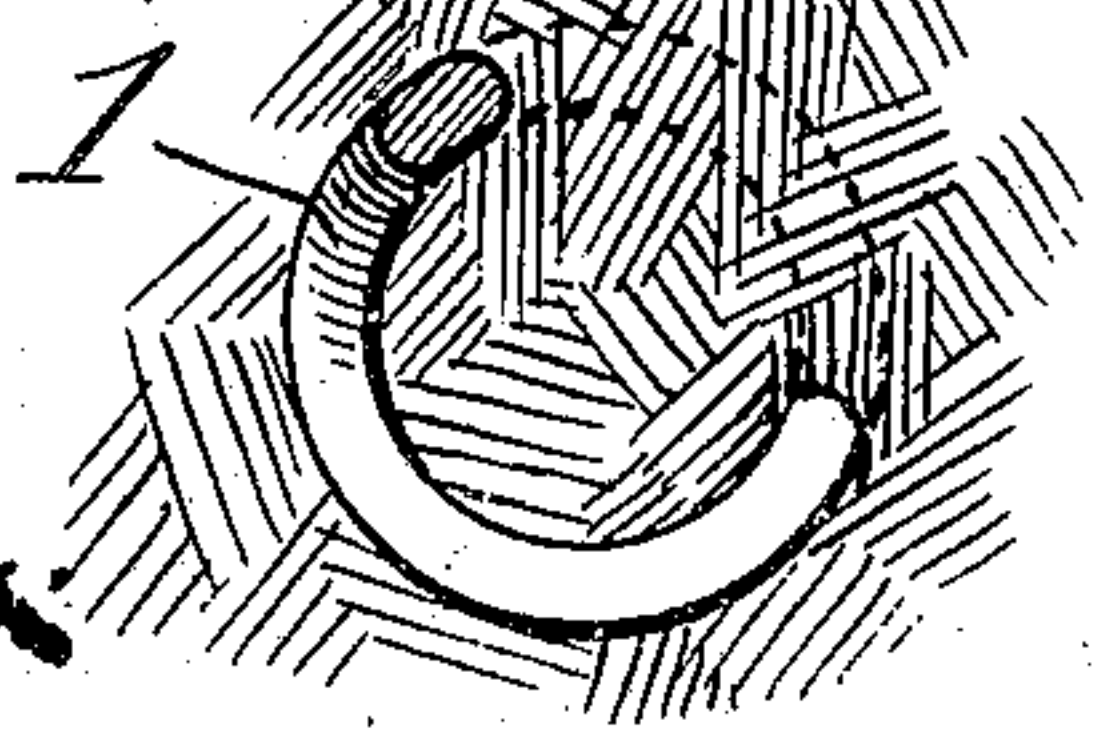


Fig. 2.

Witnesses
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UNITED STATES PATENT OFFICE.

HENRY HAWLEY, OF CULPEPER, VIRGINIA, ASSIGNOR OF ONE-HALF TO GEORGE T. FOLTZ,
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TENT-PIN.

No. 907,799.

Specification of Letters Patent.

Patented Dec. 29, 1908.

Application filed April 18, 1908. Serial No. 427,888.

To all whom it may concern:

Be it known that I, HENRY HAWLEY, a citizen of the United States, residing at Culpeper, in the county of Culpeper and State of Virginia, have invented a new and useful Tent-Pin, of which the following is a specification.

This invention relates to tent pins such as used for fastening the tent ropes to the ground and its object is to provide a device of this character which can only be forced into the ground by screwing it thereinto, this action serving to force the pin through and between roots, small stones and the like so that after the pin has once been positioned in the ground it becomes impossible to withdraw it therefrom except by unscrewing it.

A further object is to provide a tent pin so shaped as to surround a core of dirt so that it becomes impossible to withdraw the pin unless this core is likewise pulled outward.

A still further object is to provide means whereby a tent rope can be quickly attached to the pin.

With these and other objects in view the invention consists of certain novel features of construction and combinations of parts which will be hereinafter more fully described and pointed out in the claims.

In the accompanying drawings is shown the preferred form of the invention.

In said drawings: Figure 1 is an elevation of the pin and showing the same in use. Fig. 2 is a transverse section through the pin.

Referring to the figures by characters of reference, 1 designates a wire or rod of steel or other suitable material, the same being coiled for the greater part of its length so as to form a helix terminating in a prong 2 at one end thereof and its other end merges into a longitudinal stem 3. This stem merges into a laterally extending elongated eye or loop 4 constituting the head thereof, the terminal 5 of the wire being bent or wrapped around the stem so as to prevent the head from pulling open when subjected to strains, said wrapped portion extending beyond the inner end of the eye. It will be noted that those portions of the head close to and at op-

posite sides of the stem are bowed as indicated at 6 while the opposite portion of the eye is straight and constitutes a longitudinal brace for the eye.

In using the device herein described the pointed terminal 2 thereof is forced into the ground and said pin screwed downward, thus forcing the point between roots, stones, etc. and causing it to be firmly anchored inasmuch as it not only winds between obstructions in the path thereof but also surrounds a core of dirt as clearly indicated in the drawings. After the pin has been forced into the ground a sufficient distance a tent rope such as indicated at 7 may be looped over the stem and wrapped portion and under the head, opposite portions of the loop being seated upon the bowed portions of the head as indicated in the drawings. The pitch of the helix is such that the pin can not be withdrawn from the ground by any ordinary direct pull thereon and in order to remove it it is necessary to unscrew it.

What is claimed is:

1. A tent pin formed in a single length of wire having a helix terminating at one end in a prong and at its other end in a longitudinal stem, said stem merging into a laterally extending elongated eye having bowed portions at opposite sides of the stem and formed by the inner portions of the eye, one terminal of the wire being wrapped about the stem to prevent spreading of the eye, said wrapped portion of the wire extending beyond the inner end of the eye and constituting a seat for the middle portion of a rope loop and the bowed portions constituting seats for the side portions of said loop.

2. A tent-pin formed in a single length of wire having a helix terminating at one end in a prong and at the other end in a longitudinal stem, said pin merging into a laterally extending elongated eye having bowed portions at opposite sides of the stem and formed by the inner portions of the eye, one terminal of the wire being wrapped about the stem to prevent spreading of the eye, said wrapped portions of the wire extending beyond the inner end of the eye and constituting a seat

for the middle portion of a rope loop, and the bowed portions constituting seats for the side portions of said loop, that portion of the eye opposite the bowed portions being straight
5 and constituting a longitudinal brace for the eye.

In testimony that I claim the foregoing as

my own, I have hereto affixed my signature in the presence of two witnesses.

HENRY HAWLEY.

Witnesses:

T. MORRIS WAMPLER,
DANIEL A. GRIMSLEY.