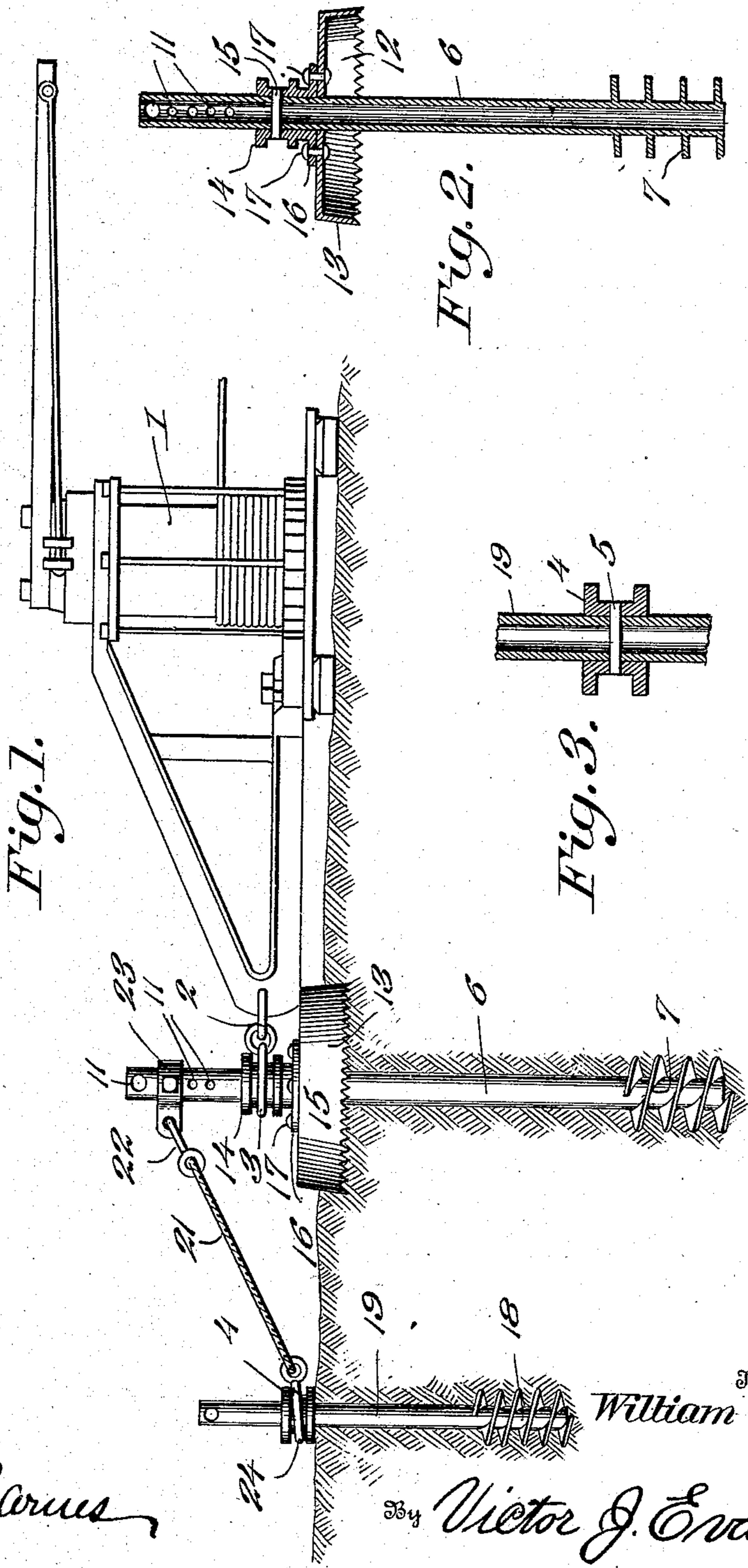


W. JAY.
LAND ANCHOR.
APPLICATION FILED MAY 26, 1908.

911,504.

Patented Feb. 2, 1909.



Witnesses

Phil C. Barnes
C. V. Barnes

Inventor

William Jay

By

Victor J. Evans

Attorney

UNITED STATES PATENT OFFICE.

WILLIAM JAY, OF BLACK RIVER FALLS, WISCONSIN.

LAND-ANCHOR.

No. 911,504.

Specification of Letters Patent.

Patented Feb. 2, 1909.

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To all whom it may concern:

Be it known that I, WILLIAM JAY, a citizen of the United States of America, residing at Black River Falls, in the county of Jackson and State of Wisconsin, have invented new and useful Improvements in Anchors, of which the following is a specification.

This invention relates to anchors for horse power sweeps designed more particularly for pulling stumps and for grubbing, but capable of use for other purposes, and one of the principal objects of the same is to provide an anchor which can be quickly turned into the ground in the form of an auger and which will have means near its upper end for preventing the turning of the anchor after it has been placed in the ground.

Another object of the invention is to provide an anchor of the character referred to in which means will be provided for the attachment of chains leading to the sweep or for guy ropes or cables leading to an auxiliary anchor.

The usual practice in securing the horse power sweep in place is to either stake it down or to secure it by means of chains to a stump, but both of these expedients are sometimes inefficient, and it is to overcome this defect in this class of devices that I have produced my anchor.

In the drawing,—Figure 1 is a side elevation of a horse power sweep of the usual or any suitable construction anchored by means of my improved anchors. Fig. 2 is a central vertical section of one of my anchors. Fig. 3 is a detail section, showing the manner of securing a grooved collar to the hollow shaft of the anchor.

Referring to the drawing, the numeral 1 designates a horse power sweep of the ordinary construction, and connected to the sweep are the links 2 of a chain, one of which 3 surrounds a collar 4 secured by means of a pin 5 to the hollow shank 6 of the anchor.

The anchor proper consists of a spiral blade or auger bit 7 extending around the same. A series of perforations 11 is formed near the upper end of the shank 6, and a cross bar or handle may be placed in any of

these perforations to turn the auger bit 7 into the ground.

To prevent the rotation of the shank 6 I provide an anchoring device 12 provided with a serrated lower flange 13, said flange adapted to be driven into the ground by means of the auger bit 7. A collar 14 secured to the shank 6 by means of a pin 15 is provided with a base flange 16 to which the anchoring device 12 is secured by means of rivets 17. The collar 4 may be secured to the hollow shank 19, and a guy rope or cable 21 may be connected by a hook 22 to a clamp 23 supported near the upper end of the shank 6, while a suitable link 24 is connected to the collar 4, as shown in Fig. 1. A spiral auger 18 is secured to the lower end of the hollow shank 19.

From the foregoing, it will be obvious that my invention is of comparatively simple construction, is strong, durable and efficient in use, will firmly hold the power from movement and can be quickly placed in the ground and quickly removed therefrom.

Having thus described the invention, what is claimed as new, is:—

1. An anchor for the purpose described comprising an earth auger bit integrally formed to a hollow shank and provided with means for turning the same in the ground, an auger device comprising a flange having a serrated edge, a flanged collar secured to said hollow shank, a clamp secured to said shank, and an auxiliary anchor connected to said clamp by a cable.

2. An anchor for the purpose described consisting of an earth auger bit, a hollow shank to which the same is integrally formed, a serrated flange secured to said shank, a flanged collar connected to said shank, a clamp on said shank, a cable connected to said clamp, and an anchoring device for said cable.

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

WILLIAM JAY.

Witnesses:

FRANK JOHNSON,
O. C. FLUGSTAD.