Aug. 11, 1925. 1,549,356

H. L. GOLDBECK

ANCHOR

Filed July 27, 1922

Fig. 2.

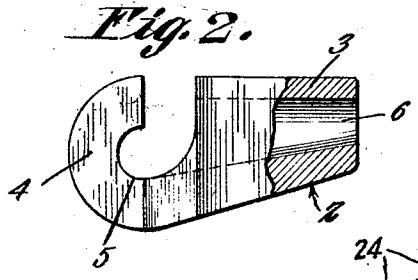


Fig. 3.

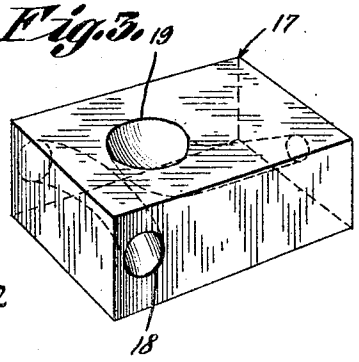


Fig. 1.

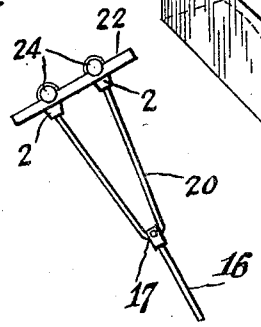


Fig. 4.

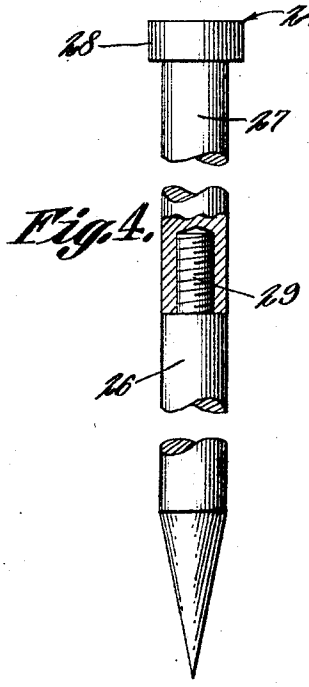
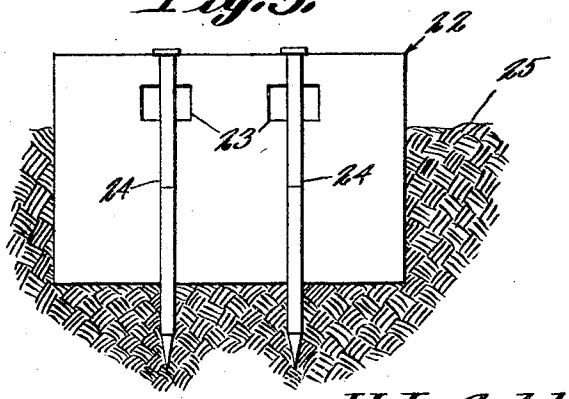


Fig. 5.



Inventor,
H. L. Goldbeck.

By C. A. Snow & Co.
Attorneys.

Patented Aug. 11, 1925. 1,549,356

UNITED STATES PATENT OFFICE.

HERMAN L. GOLDBECK, OF TYLER, TEXAS.

ANCHOR.

Application filed July 27, 1922. Serial No. 577,978.

To all whom it may concern:

Be it known that I, HERMAN L. GOLDBECK, a citizen of the United States, residing at Tyler, in the county of Smith and State of Texas, have invented a new and useful Anchor, of which the following is a specification.

This invention aims to provide a novel ground anchor for a flexible element, and, particularly for the ends of a looped flexible element.

In the drawings:—

Figure 1 shows in plan a device constructed in accordance with the invention; Figure 2 is a side elevation disclosing one of the hooks, parts appearing in section; Figure 3 is a perspective view showing the connection; Figure 4 is an elevation showing one of the stakes, parts appearing in section; Figure 5 is an elevation depicting the anchor.

The device forming the subject matter of this application includes a hook 2 which is shown in detail in Figure 2, the hook embodying a shank 3 and a bill 4, there being a seat 5 at the base of the bill 4 and the shank 3 having a tapered bore 6. The numeral 20 marks a flexible element or anchor line. The ends of the line 20 are knotted and wedged in the bores 6 of a pair of the hooks 2.

In Figure 3 there appears a block-like connection 17 having a transversely extended curved passage 18, and provided with a longitudinal tapered bore 19 which opens through one side surface of the block 17. One end of a line 16 is knotted and engaged in the bore 19 of the connection 17. The anchor line 20 extends slidably through the passage 18 of the connection 17. The ends of the anchor line 20 carry the hooks shown in Figure 2. Recourse is had to an anchor plate 22, shown in Figure 5, the anchor plate having openings 23. The hooks 2 on the anchor line 20 are extended through the openings 23 and the bills 4 are engaged with stakes 24 driven downwardly behind the anchor plate 22 in alinement with the openings 23 in the plate, the plate being seated firmly in the ground 25, as shown in Figure 5. Each stake 24 may embody a pointed lower section 26 and an upper section 27 having a driving head 28, the lower section being provided with a reduced tip 29 threaded into the lower end of the upper section 27.

What is claimed is:—

1. In a device of the class described, a plate provided near to its upper edge with an opening, the height of the plate being such that when the lower portion of the plate is embedded in the soil far enough to afford a substantial anchorage, the opening will be above the surface of the soil, and a ground-engaging stake located immediately behind the plate and extended across the opening.

2. A device of the class described, constructed as set forth in claim 1, and further characterized by the fact that the stake is provided at its upper end with a head which engages the upper edge of the plate.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

HERMAN L. GOLDBECK.

Witnesses:
E. W. MEYER,
X. A. FULLER.