G. HUTCHINSON.

ANCHORAGE FOR FENCING POSTS AND THE LIKE.

APPLICATION FILED DEC. 19, 1913.

1,145,312. Patented July 6, 1915.

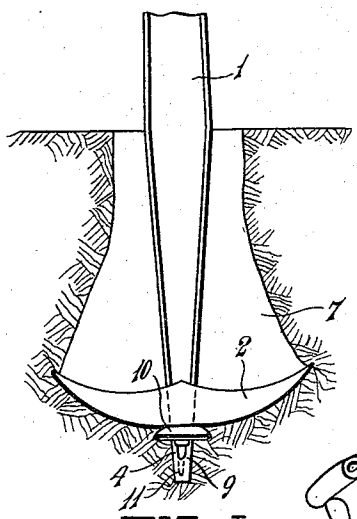

FIG. 1.

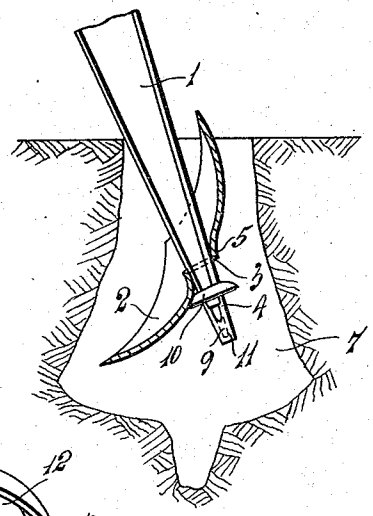

FIG. 2.

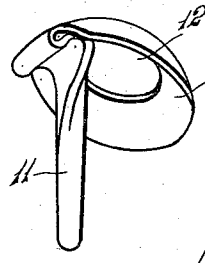

FIG. 4.

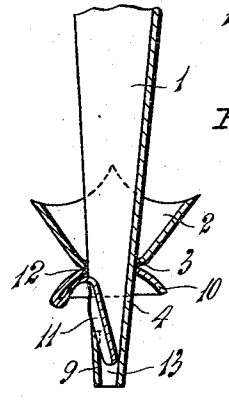

FIG. 3.

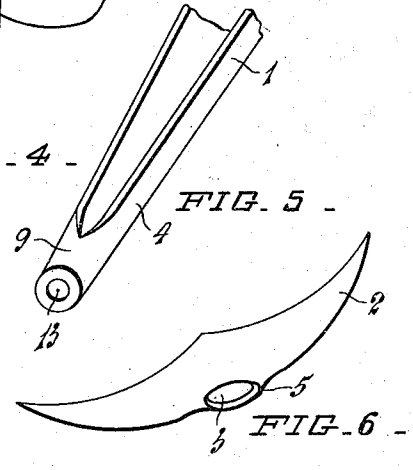

FIG. 5.

FIG. 6.

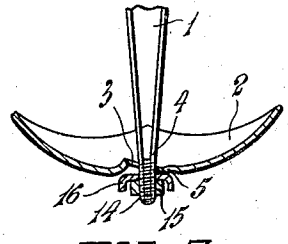

FIG. 7.

Witnesses:-
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UNITED STATES PATENT OFFICE.

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ANCHORAGE FOR FENCING-POSTS AND THE LIKE.

1,145,312. Specification of Letters Patent. Patented July 6, 1915.

Application filed December 19, 1913. Serial No. 807,759.

To all whom it may concern:

Be it known that I, GEORGE HUTCHINSON, a citizen of the Dominion of New Zealand, and residing at Masterton, in the Provincial District of Wellington, in the Dominion of New Zealand, engineer, have invented certain new and useful Improvements in Anchorages for Fencing-Posts and the like, of which the following is a specification.

This invention relates to means for anchoring fencing and other posts in the ground and consists of the improved construction hereinafter described.

In the accompanying drawing the invention is shown as applied to a fencing post, the lower end of which is tapered.

Figure 1, is an elevation of the lower part of a post and its anchor plate in position. Fig. 2, an elevation of the lower part of a post with its anchor plate in section and ready to be placed in position. Fig. 3, a sectional elevation, and Fig. 4, a perspective view of a fastener for securing an anchor plate upon a post, Fig. 5, a perspective view of the lower end of a post, Fig. 6, a perspective view of an anchor plate. Fig. 7 is a sectional elevation of a modified form of fastener for securing the anchor plate.

The post 1 illustrated in the drawing is made of sheet iron bent longitudinally into an approximate V shape, and is tapered upward and downward from the surface of the ground. The anchor plate 2 is formed from a piece of sheet iron cut into a diamond shape, and is dished as shown in the drawing. A hole 3 adapted to receive the end 4 of the post, has its rim at one side 5 pressed outward and at the other side pressed inward, so that the anchor plate can be tipped over as shown in Fig. 2 while the end of the post and the anchor plate are being lowered into the hole 7. By tipping the anchor plate in relation to the post the mouth of the hole may be made less than the base thereof. The undisturbed earth around the hole is firmer than the soil replaced in the hole and will better resist the upward lift of the anchor plate. The anchor plate is retained upon the post by closing the bottom of the post until a short length 9 (see Fig. 5) is tubular. A washer 10 adapted to pass upon the post is formed with a stem 11 which will pass into the tubular part 9. The post is first passed into the hole 3 and then into the hole 12 of the washer, which is passed on to the post sufficiently far to allow the stem 11 to pass into the post and down into the hole 13 of the tubular part 9, see Fig. 3. The washer 10 is made mushroom shaped to allow the anchor plate to tip into the position shown in Fig. 2.

Fig. 7 shows the bottom of the post formed with a screw threaded end 14. A nut 15 retains a washer 16, on two sides of which the edges are turned down to allow the anchor plate to tip.

What I do claim and desire to secure by Letters Patent of the United States is:—

1. The combination with a post, of an anchor plate mounted thereon and provided with an opening larger than the engaging part of the post so as to tilt in relation to the post and having both ends thereof longitudinally curved upwardly and each tapering to a point, said plate also having its sides curved upwardly.

2. The combination with a post, of a diamond shaped anchor plate mounted thereon and provided with an opening larger than the engaging part of the post so as to tilt in relation to the post, said plate being formed of sheet metal and curved upwardly, both longitudinally and laterally, from the center, and means for retaining the plate upon, the post.

3. The combination with a post, of an anchor plate having a hole adapted to receive the end of the post, one edge of the rim of the hole being deflected relatively to the opposing edge so that said edges are out of alinement longitudinally of the anchor plate.

4. The combination with a post, of an anchor plate with a hole adapted to receive the end of the post, one side of the rim of the hole being pressed outward and the other side inward.

5. The combination with a post of an anchor plate having a hole adapted to receive the end of the post said hole being larger than the engaging part of the post, a washer with a concaved upper side for retaining the anchor plate on the post and permitting the plate to tilt, and means for retaining the washer on the post.

6. The combination with a post having a tubular end, of an anchor plate having a hole adapted to receive said tubular end, and a washer with a depressed outer edge and

provided with a stem adapted to enter the tubular part of the post.

7. The combination with a post, of an anchor plate having a hole adapted to receive the end of the post, one edge of the rim of the hole being deflected relatively to the opposing edge so that said edges are out of alinement longitudinally of the anchor plate, a washer with a depressed outer edge for retaining the anchor plate on the post, and means for retaining the washer on the post.

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

GEORGE HUTCHINSON.

Witnesses:
HENRIE HAMPTON RAYWARD,
EDNA JOAN COLLEY.