M. F. NOURSE.

MARKING STAKE.

APPLICATION FILED APR. 26, 1910.

995,281. Patented June 13, 1911.

Fig. 1.

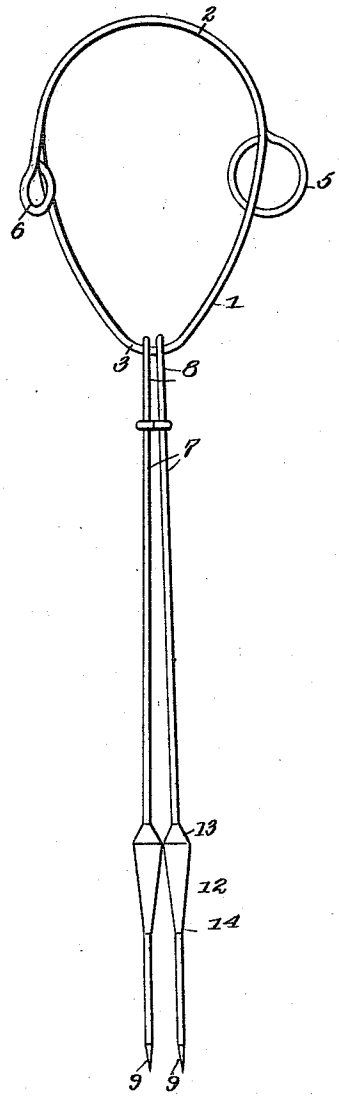


Fig. 2.

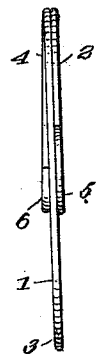


Fig. 4.

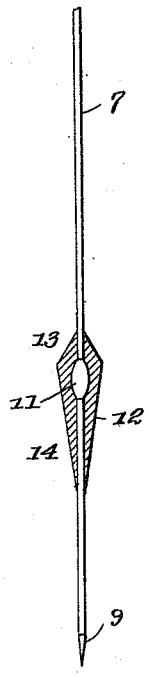


Fig. 3.

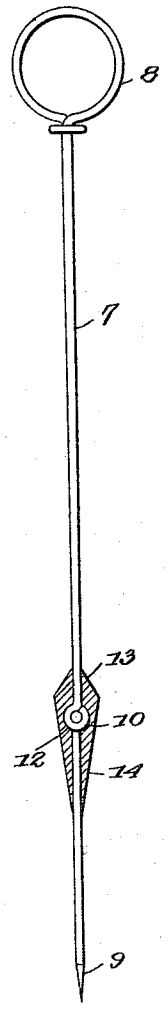
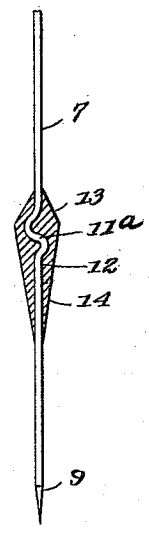


Fig. 5.



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MARKING-STAKE.

995,281. Specification of Letters Patent. Patented June 13, 1911.

Application filed April 26, 1910. Serial No. 557,733.

To all whom it may concern:

Be it known that I, MATTHEW F. NOURSE, a citizen of the United States, and a resident of Cement, in the county of Stevens and State of Washington, have invented certain new and useful Improvements in Marking-Stakes, of which the following is a specification.

My invention is an improvement in marking stakes and consists in certain novel constructions, and combinations of parts hereinafter described and claimed.

The object of the invention is to provide a stake of the character specified, having a weight near its pointed end for steadying the stake, and so arranged that it cannot slip on the stake, even should it become loosened.

A further object is to provide an improved holding means for the stake when not in use, with which the stakes may be easily connected and disconnected.

Referring to the drawings forming a part hereof:—Figure 1 is a side view of the holding means with the stake in place. Fig. 2 is an edge view of the holding means. Fig. 3 is a side view of a stake partly in section, showing one method of securing the weight in place, and Figs. 4 and 5 are similar views, showing other methods.

In the embodiment of the invention shown, the holding means for the stakes consists of a ring 1, preferably formed of resilient wire, and oval in form, the ring being larger at its upper end. The ends of the ring are lapped, as at 4, and one end is formed into a ring 5, and the other into a loop 6. It will be noticed from an inspection of Fig. 1, that the small end of the ring is somewhat pointed, and that the lapped ends are at the large end.

The marking stakes are usually eleven in number, being preferably formed of resilient wire, and each stake consists of a body portion 7, having one end formed into a ring 8, and the other pointed, as at 9. Intermediate its ends, and nearer the point than the ring, each stake is provided with an enlargement 10, which, as shown in Fig. 3, is formed by bending the material of the stake into a coil. In Fig. 4, the enlargement is formed by upsetting the material of the stake to form a simple enlargement 11, and in Fig. 5, the material of the stake is formed into a plurality of bends 11^a. It is obvious that the enlargement might be formed in many other manners, but however formed, it is integral with and a part of the stake. A metal weight 12 is soldered onto the stake at the point where the enlargement is made, the said weight consisting of a sleeve having a longitudinal opening to receive the stake, and of greatest diameter near its upper end, and thence gradually decreasing in cross section toward its ends, as at 13 and 14. The weight entirely covers and conceals the enlargement, the said enlargement being preferably near the point of greatest diameter of the weight, and it will be evident that there is no possibility of slipping, since the weight is firmly anchored by the enlargement. As is known, it is very difficult to successfully solder a weight on a rod in the position shown, in such manner that it will not become loosened, and without the improved anchor, once loosened the weight will soon slip off the stake.

When not in use, the stakes are placed on the ring, by passing one of the lapped ends through the ring of the stake and when all are in place, they may be locked on the ring, by twisting the lapped ends over each other.

I claim:—

1. A marking stake comprising a rod having one end pointed, and the other provided with a ring, said rod having an integral enlargement near its pointed end, and a weight on the stake at the enlargement, said weight consisting of a sleeve having a longitudinal opening to receive the rod, and covering and hiding the enlargement, the weight being of greatest cross section near its upper end and adjacent to the enlargement and gradually decreasing in cross section toward its ends.

2. A marking stake comprising a rod hav-

ing one of its ends pointed, and the other provided with a ring, and having an integral enlargement intermediate its ends, and a weight encircling the rod and inclosing the enlargement.

3. A marking stake having intermediate its ends an integral coil formed by bending the stake, and a weight in the form of a sleeve encircling the stake and inclosing the coil.

MATTHEW F. NOURSE.

Witnesses:
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J. A. HENDERSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."