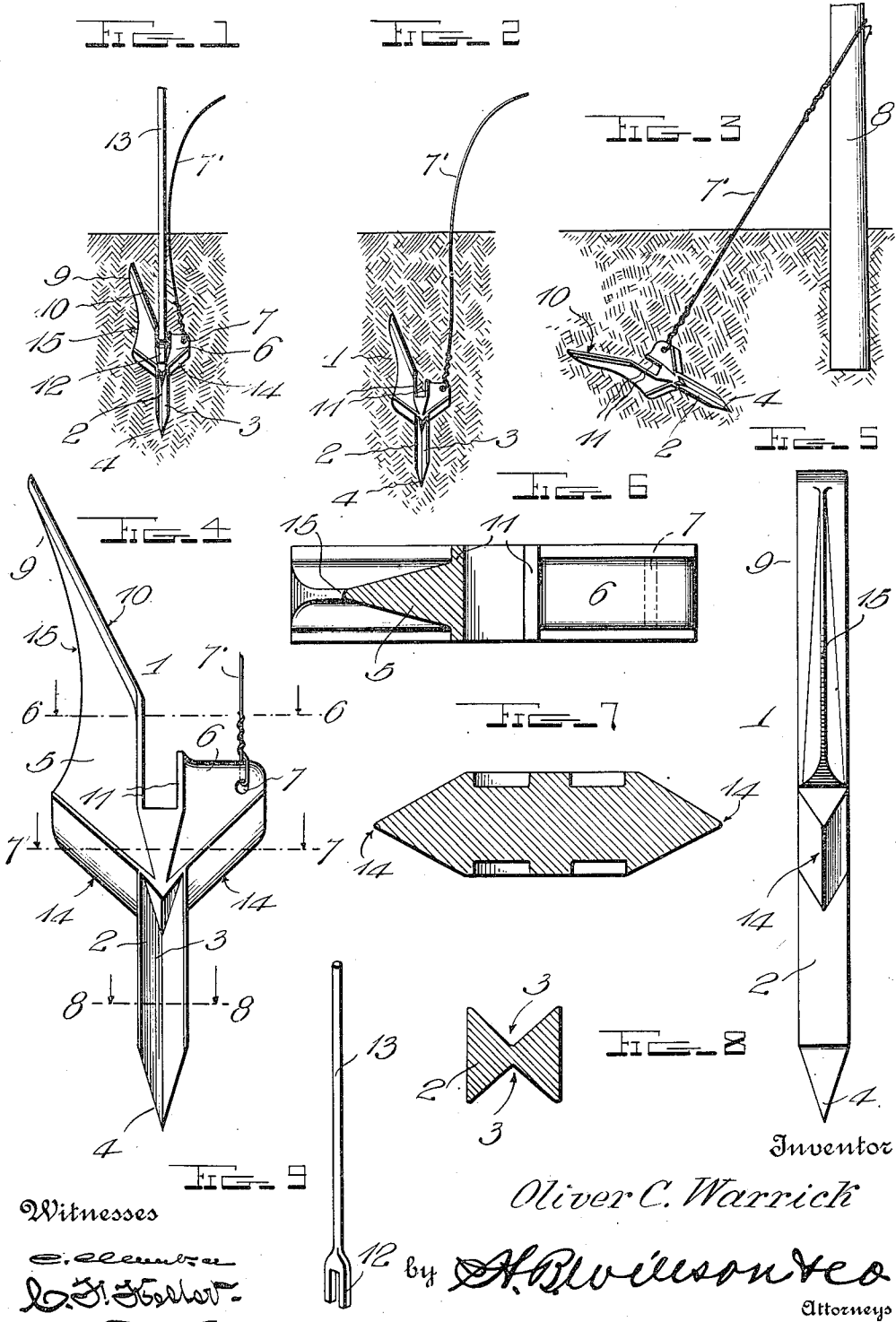


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UNITED STATES PATENT OFFICE.

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LAND-ANCHOR.

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To all whom it may concern:

Be it known that I, OLIVER C. WARRICK, a citizen of the United States, residing at Pittsboro, in the county of Hendricks and State of Indiana, have invented certain new and useful Improvements in Land-Anchors; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in anchors for fences, posts and constructions of similar character and is designed more particularly for those adapted to be properly positioned and directed into the ground by a tool or implement designed for the purpose.

The object of the invention is in the provision of a simple, practical and durable device of the character described whereby the anchor can be easily projected into the ground and will be rigidly positioned therein.

A further object of the invention is in the provision of a device of the character described which can be constructed in a simple and durable manner and is susceptible of carrying out the utilities and advantages above set forth.

With these and other objects in view the invention consists of certain novel features of construction, and the combination of parts as will be more fully described and claimed.

In the accompanying drawings; Figure 1 is a side elevation of the complete invention partially driven into the ground and the tool employed for the purpose applied thereto; Fig. 2 is a similar view with the tool removed; Fig. 3 is a similar view showing the anchor driven at an inclination with the tool removed, and with the fastening wire attached to the post; Fig. 4 is an enlarged side view of the complete invention; Fig. 5 is an edge view of the same; Fig. 6 is a transverse section taken on the line 6—6 of Fig. 4; Fig. 7 is a similar section taken on the line 7—7 of Fig. 4; Fig. 8 is a similar view taken on the line 8—8 of Fig. 4. Fig. 9 is a perspective view of the tool employed in carrying out the invention.

In the illustration the embodiment of the invention represents the improved device which primarily consists of a casting designed in such a manner as to be easily and conveniently driven into the ground and

properly positioned therein, the anchor thus constructed being preferably cast of suitable metal as hereinafter described.

The anchor 1 is suitably designed as more clearly shown in Fig. 4, and is provided with a spiked end 2 having oppositely disposed V-shaped recesses 3 extending from the body portion of the anchor to the pointed end 4 thereof. The spiked end 2 of the anchor forms the entering end of the anchor and adjacent to the outwardly flaring body portion thereof the spike is outwardly curved as shown at 5 which forms a strengthening and guiding surface for the anchor when properly directed into the ground. The body portion of the anchor is provided with an enlargement 6 having an aperture 7 through which one end of the wire 7' is attached which is properly directed to a fence post 8 or other object to be supported and secured in proper position. The opposite end of the anchor is provided with an extended projection 9 which is provided with a guiding inclined surface 10 and leads to and forms a continuation of the opposite walls 11 forming the intermediate portion of the anchor. The recesses formed by the opposite walls 11 provide for the convenient and ready access and removal of the forked end 12 of the tool or bar 13, the latter being employed for properly directing the anchor into the ground as more clearly shown in Fig. 3 of the drawings, and as will be clearly observed the inclined flat surface 10 of the extension 9 of the anchor is designed more especially for guiding the forked end 12 of the tool in the recess formed by the walls 11.

In practice the device is finally located in the ground as shown in Fig. 3, Figs. 1 and 2, showing more particularly the initial starting of the anchor into the ground.

By referring more particularly to Fig. 4 it will be seen that the lower inclined cutting edges 14 of the body portion of the anchor are positioned in such a manner as to readily cut into the ground when the anchor is properly positioned and operated upon by the bar 13 and further, the extension 9 is provided with a knife or cutting edge 15 which extends from the end of the extension 9 to the cutting edge 14 forming one side of the base portion of the anchor, whereby said anchor may be easily projected into the ground and properly positioned therein. As clearly shown the lower inclined cutting edges of the body of the anchor form the head for

the spike 2, whereby after the latter has been inserted into the ground and the anchor properly positioned the tool can be readily applied and by the employment of the cutting edges of the head an entrance is formed in the ground for the reception of the upper enlarged portion of the anchor. It is further to be noted that after the anchor has been properly embedded in the ground the inclined flat surface 10 of the projection 9 and the flat surface of the spike 2 below the enlargement 6 of the body will resist the strain imparted to the wire 7', as clearly shown in Fig. 3, the curved cutting edge 15 of the tool guiding projection 9 together with the inclined cutting edge of the head disposed below the projection providing efficient means for forcing the anchor in an angular position in the ground, the spike 2 holding the anchor while the same is being positioned.

From the foregoing description it is clearly obvious that when the anchor is driven into the ground in the manner described and tension imparted to the wire 7' the said anchor will assume a substantially horizontal position or such as shown in Fig. 3.

Various changes in the form, proportion and the minor details of construction may

be resorted to without departing from the principle or sacrificing any of the advantages of the invention as claimed.

I claim as my invention;

An anchor composed of a single piece of metal having an enlarged body portion, a spike forming a continuation of the same and having grooves formed on its opposite faces, said body portion being provided with oppositely positioned inclined cutting edges leading from the spike and forming a head for the latter, an extension forming the upper portion of the anchor and provided with a flat inclined guiding surface and a curved cutting edge above one of the inclined cutting edges of the head of the spike, a wire adapted to be secured to the body of the anchor opposite the extension thereof and a tool receiving recess formed in the intermediate portion of the body immediately above the head of the spike, and forming the base of the inclined extension.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

OLIVER C. WARRICK.

Witnesses:

ETTA J. PALMER,

FRANK A. HAYNES.