A. A. HENSLEY.

COMBINATION FENCE POST AND BRACE.

APPLICATION FILED MAR. 2, 1921.

1,408,506. Patented Mar. 7, 1922.

Fig. 1.

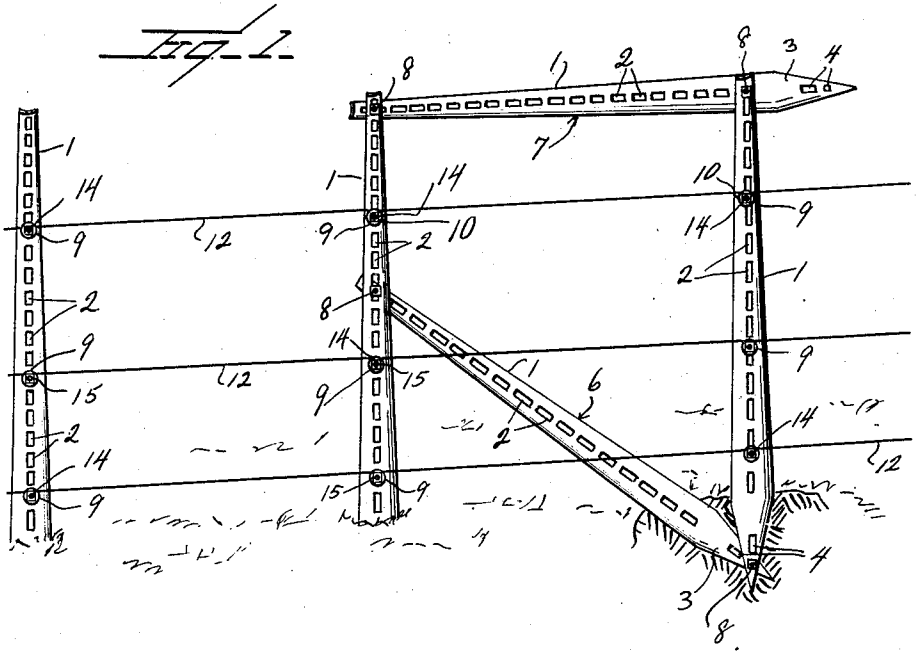


Fig. 2.

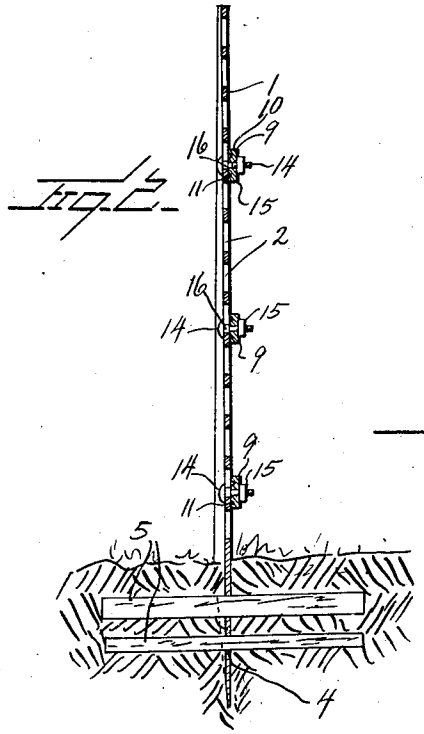


Fig. 3.

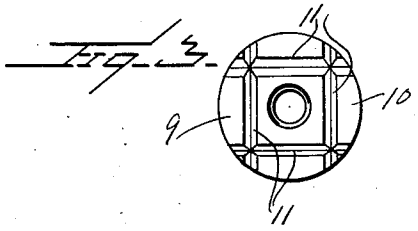
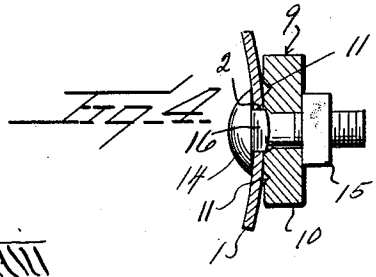


Fig. 4.



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COMBINATION FENCE POST AND BRACE.

1,408,506. Specification of Letters Patent. Patented Mar. 7, 1922.

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To all whom it may concern:

Be it known that I, ALBERT A. HENSLEY, a citizen of the United States, residing at Shadypoint, in the county of Le Flore and State of Oklahoma, have invented certain new and useful Improvements in Combination Fence Posts and Braces, of which the following is a specification, reference being had to the accompanying drawings.

It is the purpose of this invention to provide a metal fence post tapered throughout its length and of arcuate contour in cross section, to insure strength and rigidity.

Another purpose consists in the provision of a post of this character tapered or sharpened at its lower end with openings therein, through which the earth or a suitable anchor may engage in order to anchor the post in the ground. In case a transverse anchor is arranged through the openings at its lower end, the post will be reinforced and prevented from tilting.

Still another purpose consists in the provision of a plurality of openings preferably rectangular as disclosed in the drawings, though they may be otherwise shaped, for attaching an improved line or fence wire fastener, for mounting the line or fence wires on the post.

A further purpose is to provide a sheet metal fence post, which may not only be employed as such, but also employed as a brace or reinforcement between successive fence posts, either angularly, or horizontally, either at the top or at any point between the upper and lower ends thereof.

A still further purpose consists in the provision of a fastener for fence or line wires comprising a plate provided with a plurality of grooves of different sizes and designed to be secured to the post by means of a bolt and nut, so as to suspend wires of different diameters on the post.

While the design and construction at present illustrated and set forth is deemed preferable, it is obvious that as a result of a reduction of the invention to a more practical form for commercial purposes, the invention may be susceptible of changes, and the right to these changes is claimed, provided they are comprehended within the scope of what is claimed.

The invention comprises further features and combination of parts, as will be hereinafter set forth, shown in the drawings and claimed.

In the drawings:—

Figure 1 is a view in perspective of the improved fence constructed in accordance with the invention, showing several fence or line wires connected to the fence posts by fasteners.

Figure 2 is a vertical sectional view through one of the posts showing the anchor at the lower end of the post, so as to reinforce the same.

Figure 3 is a plan view of one face of the fence wire holding plate, showing the grooves of different sizes for holding wires of different diameters.

Figure 4 is an enlarged cross sectional view of the post and the fence wire fastener.

Referring to the drawings, 1 designates the post as a whole, and which is constructed of any suitable sheet metal, and which may be galvanized or enamelled in order to present a neat appearance, or left plain, and if desired the metal may be treated, so as to resist the water and the chemicals of the earth to a considerable degree.

The post is tapered, and preferably arcuate in cross section, though it may be otherwise constructed, so as to insure strength and rigidity.

The post is provided with a plurality of openings extending from end to end of the post, and preferably the openings 2 are rectangular, though they may be of other shape. The lower end 3 of the post is tapered and is designed to be driven into the ground, and the openings 4 at the extreme lower end are designed for the purpose of permitting the soil to be engaged therethrough, to assist in anchoring the post in place. It is obvious that the transverse anchor 5 of wood or metal may pass through the openings at the lower tapered end of the post, in order to insure holding the post firm.

From the drawings it is obvious that the post may be used as a brace, as shown in Figure 1, and in this instance there are three posts disclosed, for the support of line or fence wires, while fourth and fifth post members are used as braces, one disposed diagonally, as shown at 6, the other disposed horizontally, as shown at 7 and arranged adjacent the upper ends of the post. Suitable bolts 8 are used for connecting the braces to the posts.

Fence or line wire fasteners 9 are provided, and each comprises a plate 10 of any

suitable shape preferably circular, with one face thereof provided with a plurality of grooves 11. These grooves are arranged as shown, and are of different diameters in cross section, so as to secure and hold fence or line wires 12 of different diameters. The plate fastener is disposed adjacent one face of the post, with fence or line wire engaging one of the grooves, and passing through the plate and through certain of the openings of the post are bolts 14 provided with nuts 15, for holding the plates in place and clamping the wire adjacent the post. The openings of the post are constructed rectangular preferably in this instance, so as to receive the rectangular part 16 of the bolt, thereby preventing turning of the bolt.

The invention having been set forth, what is claimed as being useful is:

In a wire fence bracing system, a plurality of fence members, each comprising an elongated sheet metal body having an abruptly tapered butt end constituting the base of the fence member and adapted to be driven into the ground and having its body portion gradually tapered from the butt end to the outer end of the member, said member being arcuate in cross section to insure strength and provided with a plurality of openings arranged throughout the length of the member from the abruptly tapered end to the opposite end, and means passing through certain registering openings of certain of the fence members, which may be arranged perpendicularly to constitute posts, and through certain other of said fence members disposed to connect the perpendicularly arranged fence members, thereby bracing the members constituting the fence posts, certain of the brace members connecting the upper ends of the fence posts, and other of said brace fence members connecting the abruptly tapered end of one fence post and the approximate center of the other fence members.

In testimony whereof I hereunto affix my signature.

ALBERT A. HENSLEY.