

No. 736,322.

PATENTED AUG. 11, 1903.

I. M. WARNER.  
FENCE POST.

APPLICATION FILED AUG. 10, 1901.

NO MODEL.

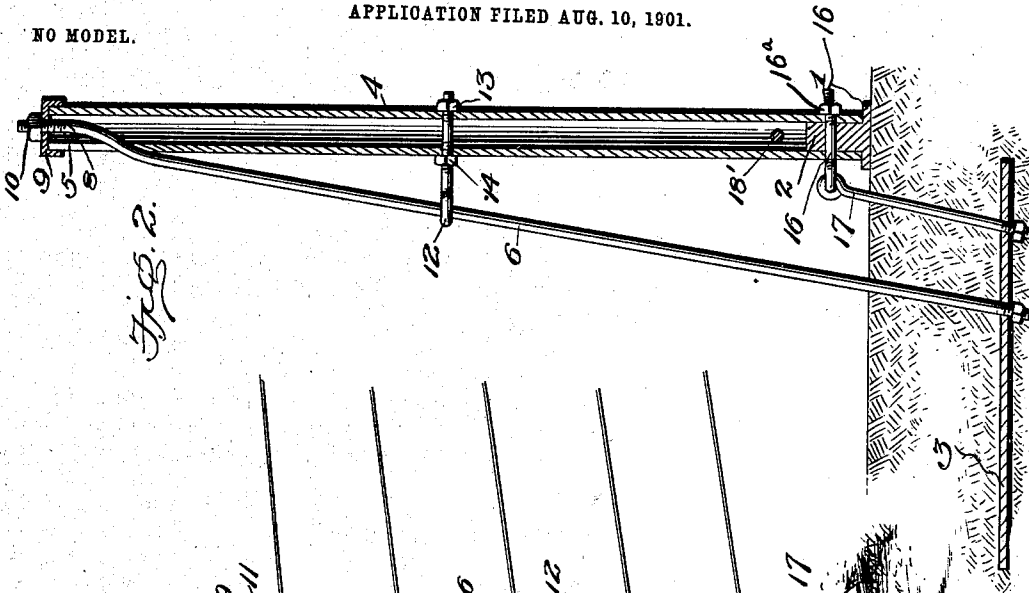


Fig. 2.

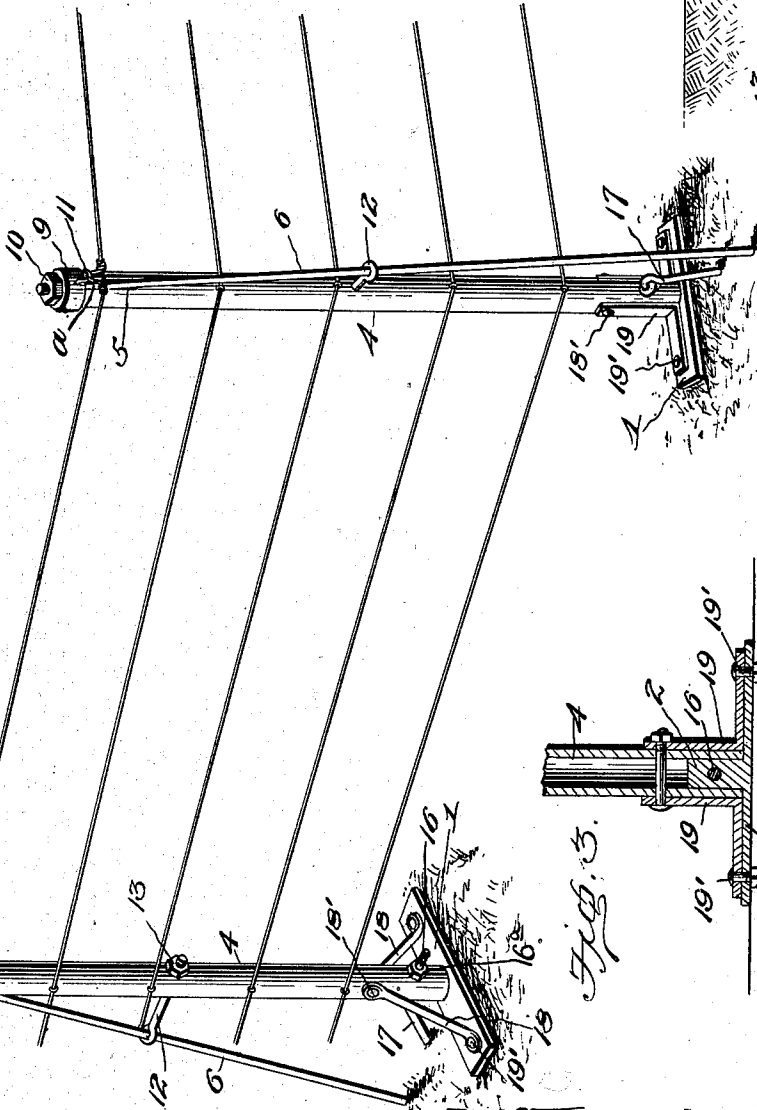


Fig. 1.

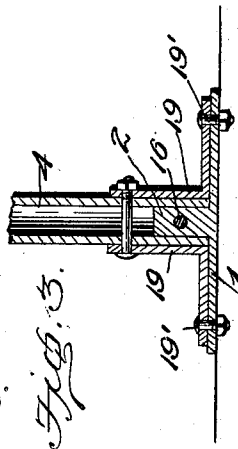


Fig. 3.

Witnesses  
*G. H. Stewart*  
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# UNITED STATES PATENT OFFICE.

ISAAC M. WARNER, OF UNION CITY, MICHIGAN, ASSIGNOR TO FRANK C. BOISE, OF UNION CITY, MICHIGAN.

## FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 736,322, dated August 11, 1903.

Application filed August 10, 1901. Serial No. 71,654. (No model.)

*To all whom it may concern:*

Be it known that I, ISAAC M. WARNER, a citizen of the United States, residing at Union City, in the county of Branch and State of Michigan, have invented a new and useful Fence-Post, of which the following is a specification.

My invention relates to an improvement in fence-posts particularly adapted for use as corner-posts and end-posts for wire fences; and it consists in the peculiar construction and combination of devices hereinafter fully set forth and claimed.

One object of my present invention is to effect improvements in the means for bracing the posts to prevent them from sagging under the tension of the wires.

A further object of my invention is to provide a post with an improved detachable cap adapted for the attachment thereto of the upper end of the brace-rod, and the adjustment of said cap on the brace-rod to tighten the latter and thereby more effectually brace the post.

In the accompanying drawings, Figure 1 is a perspective view of a corner-post and an end post for a wire fence constructed in accordance with my invention. Fig. 2 is a vertical sectional view of the end post. Fig. 3 is a detail sectional view of the corner-post.

In the embodiment of my invention I provide a base-plate 1, which in practice is made of metal and is provided on its upper side, at or near its center, with an upwardly-projecting boss 2. I also provide an anchor 3, which is here shown as a plate, and the said anchor is buried in the earth with its inner end under the post, said anchor extending outwardly from the post, the base-plate of the latter being supported on the surface.

The post 4 is in practice metallic and of tubular form, open at its upper and lower ends. The lower end of the post receives the boss 2 and bears on the base-plate, the said boss preventing lateral movement of the lower end of the post on the base-plate, as will be understood. At the upper end of the post, on one side thereof, is a vertical slot 5. A brace-rod 6 has its lower end secured to the anchor, either as here shown or by any other suitable means. The said brace-rod inclines upwardly toward

the post, the upper portion of the said brace-rod entering the interior of the post, near the upper end of the latter, through the slot 5. The upper end of the said brace-rod is upturned vertically, as at 8, and is screw-threaded, as shown.

In connection with the post I employ a detachable metallic cap 9, which is adapted to be placed on the upper end of the post, as shown, and the said cap has a central opening through which the upturned upper end of the brace-rod 6 extends. A nut 10 is screwed on the upper end of the brace-rod and bears on the said cap, and by tightening the said nut the said post is effectually braced at its upper end, as will be understood.

At a suitable distance from the lower end of the post I pass an eyebolt 12 therethrough, the said eyebolt being provided with nuts 13 14, screwed thereon, which bear on opposite sides of the post. In practice the eye of the bolt extends from that side of the post 4 having the slot 5, and said eyebolt is in the vertical plane of said slot. The brace-rod 6 passes through the eye of the said bolt. An eyebolt 16 passes through the post, near the lower end thereof, and through the boss or projection 2. A brace-rod 17 has its lower end secured to the anchor, near the inner end of the latter, and its upper end hooked to the eye of said bolt 16. By tightening the nut 16<sup>a</sup> on the said bolt the latter may be moved endwise to tighten the brace-rod 17 to the desired extent. The brace-rod 6 and eyebolt 12 form a truss to prevent the post from bending. At the lower end of the post are braces, which are of the form shown at 18 when the post is an end post and of the form shown at 19 when the post is a corner-post. The said braces have their upper ends secured to the post by a bolt 18', which passes transversely through the latter, and have their lower ends secured to the base-plate 1 by bolts or rivets 19'. The braces, as will be understood, strengthen the connection between the lower end of the post and the said base-plate. The runner-wires are secured to the post against vertical movement thereon by any suitable means, and I do not limit myself in this particular.

It will be understood that my improved

post is especially adapted for use as a corner-post or end post for a wire fence and that the same is so effectually braced and secured as to be capable of sustaining the stress to which it is subjected by the tension of the runner-wires.

The slot 5, which extends to the upper end of the post, enables the upper portion of the brace 6 to be placed therein after the anchor has been buried and the lower end of the post secured on the base. By adjusting the eyebolt 16, which may be done by turning the nut with which said eyebolt is provided, the brace 17 may be tightened. Hence said eyebolt forms an element of and means for tightening said brace.

It will be understood that the disposition of the post with a base bearing on the ground, whereby the post is adapted to be tilted, and the provision of the buried anchor and the braces, each of the latter directly connected to the anchor and said braces being respectively connected to the lower and upper portions of the post by the means hereinbefore described, enables the stress to be so applied to the braces as to shift the lower and upper ends of the post independently of each other as may be required to preserve the perpendicular disposition of the post or to tighten the fence-wires.

Having thus described my invention, I claim—

1. The combination of a base-plate having a projection on its upper side, a post on said projection, an anchor below the post, a bolt passed through said post and projection, a

brace connecting said bolt and anchor, and a brace connecting the anchor and the upper portion of the post, substantially as described.

2. The combination of a base-plate having a projection on its upper side, a post on said projection, an anchor, a brace attached to the anchor and having an element passed through the post and projection and means to tighten said brace, substantially as described.

3. The combination of a base-plate having a projection on its upper side, a post on said projection, an anchor below the post, an eyebolt passed through said post and projection, and a brace-rod connecting said eyebolt and said anchor, substantially as described.

4. The combination of a base to bear on the ground, and having a projection on its upper side, a post having an opening in its lower end to receive said projection, and having an opening in its upper end, a buried anchor, a brace attached thereto and having an element passed through the lower portion of the post and the base projection, a brace attached to the anchor and having its upper portion disposed in the opening in the upper end of the post, and a cap on the upper end of the post and to which the upper portion of the last-mentioned brace is attached, substantially as described.

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

ISAAC M. WARNER.

Witnesses:

CHAS. E. DAY,  
GEORGE D. MERRITT.