

A. C. HARRISON.  
FENCE POST.  
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1,038,573.

Patented Sept. 17, 1912.

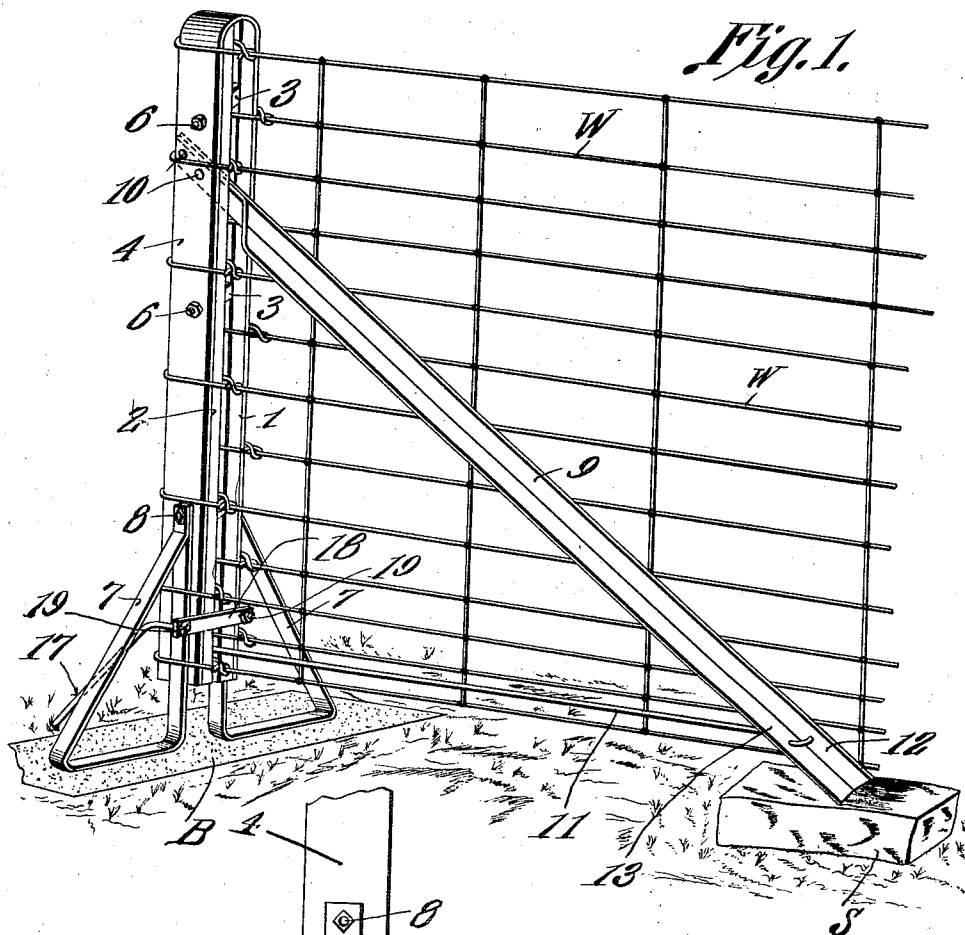
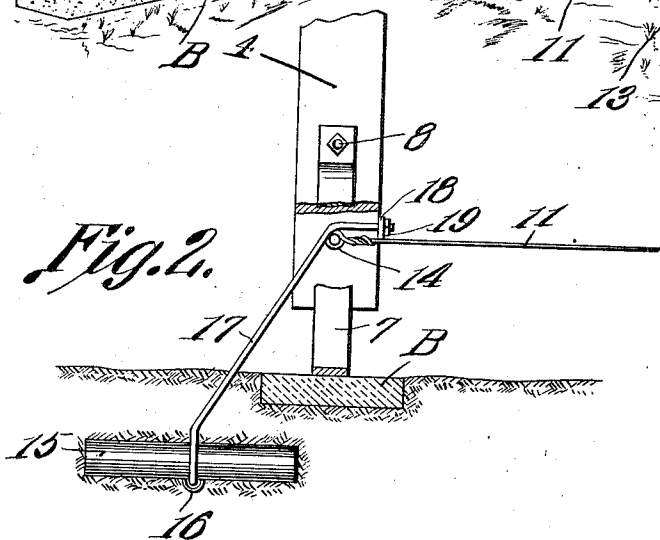


Fig. 2.



Witnesses:

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# UNITED STATES PATENT OFFICE.

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## FENCE-POST.

1,038,573.

Specification of Letters Patent.

Patented Sept. 17, 1912.

Application filed May 12, 1911. Serial No. 626,818.

*To all whom it may concern:*

Be it known that I, ABRAHAM C. HARRISON, a citizen of the United States, residing at Grand Rapids, in the county of Wood and State of Ohio, have invented a new and useful Fence-Post, of which the following is a specification.

This invention relates to fence posts.

The object of the invention is, in a ready and practical manner, and without embedding the post in the ground, thus to protect it from rot and to reduce the labor of setting it to the minimum, so to brace it as to cause it successfully to withstand, without yielding, any strains to which it may be subjected in tightening the strand wires, and further, so to assemble the parts of the post as to render it practically proof against becoming deranged from long continued use.

With the above and other objects in view, as will appear as the nature of the invention is better understood, the same consists in the novel construction and combination of parts of a fence post, as will hereinafter be fully described and claimed.

In the accompanying drawings forming a part of this specification, and in which like characters of reference indicate corresponding parts:—Figure 1 is a view in perspective of a fence post constructed in accordance with the present invention. Fig. 2 is a side elevation, partly in section, of the lower portion of the post, showing more particularly the anchoring means employed in conjunction therewith.

The post comprises two members or liners 1 and 2, which are constructed of wood and are held separated by any number of spacers 3. These liners are disposed within a frame or yoke 4 constituting the post proper which is constructed of strap steel and is held assembled with the liners by a plurality of transversely disposed bolts 6 that pass through and serve to hold the spacers in position.

It is designed that this post shall not be embedded in the ground, but that it shall be supported with its lower end permanently out of contact therewith, thus effectively to prevent rotting. To secure this result, two triangular feet or base members 7 are provided, which are held firmly assembled with the liners and frame by transverse bolts 8, of which any preferred number may be em-

ployed, two in this instance being shown. These feet extend below the lower ends of the post and liners and rest upon a suitable base B which may be of stone or a mass of concrete, and when the latter is employed, the feet may be partially embedded therein if desired.

As a means for bracing the post against yielding to strains as when the strand wires W are being tightened, a brace 9 is employed, which is constructed preferably from L-iron, its upper end being disposed between the liners, and held assembled therewith by bolts 10, the lower end of the brace being arranged to rest upon a support, such as a stone S or the like. To connect the lower portion of the brace with the post, a tie rod 11 is employed, one end of which is secured in openings in the flanges 12 and 13 of the brace and the other end of which is coiled about a pin or bolt 14 extending through the post and the liners.

In order to secure the post in position, an anchor 15 is provided, which may be constructed from a length of wood, and is connected by a staple 16 with the bend of an approximately U shaped traction rod or bar 17, the upper portion of the arms of which are deflected at an angle to their length, and are disposed on opposite sides of the post, and project through a cleat 18, nuts 19 threaded on the projecting ends, serving to clamp the cleat firmly against the post, and also to maintain the rod under requisite tension. As shown in Fig. 2, the cleat rests upon the tie rod, and this will be found of advantage as, in the event that the nuts 19 loosen, the cleat will still be maintained in operative position relative to the post.

The liners 1 and 2 perform a double function, namely, that of bracing the post against yielding, and of preventing cutting of the strand wires, as the added thickness they impart to the structure will prevent the formation of short bends that would have a tendency to produce fractures. The liners will be made of a wood that will possess the highest decay resisting qualities, thus measurably adding to the period of usefulness of the post.

From the arrangement shown, it will be seen that the post of this invention is exceedingly simple in construction that it is at once durable and practicable, and that

its parts are so combined that danger of derangement from long continued use is practically eliminated.

I claim:—

- 5 1. A fence post having feet arranged to rest upon a support, an inclined brace secured to the post adjacent to its upper end and having its lower end arranged to rest upon a second support, a tie rod connecting  
10 the lower portion of the brace and the post, an anchor to be embedded in the ground, a traction rod connected with the anchor and having arms disposed on opposite sides of the post, a cleat through which the ends of the arms project, and nuts threaded on the  
15 ends and serving to clamp the cleat against the post.
2. A fence post having feet arranged to rest upon a support, an inclined brace secured to the post adjacent its upper end and having its lower end arranged to rest upon a second support, a tie rod connecting the lower portion of the brace and the post, an anchor to be embedded in the ground, a U-shaped traction rod connected at its bend with the anchor and having its arms disposed on opposite sides of the post, a cleat through which the ends of the arms project, and nuts threaded on the ends and serving to clamp the cleat against the post.

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

ABRAHAM C. HARRISON.

Witnesses:

GEO. A. BELL,  
FRED HEETER.

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