

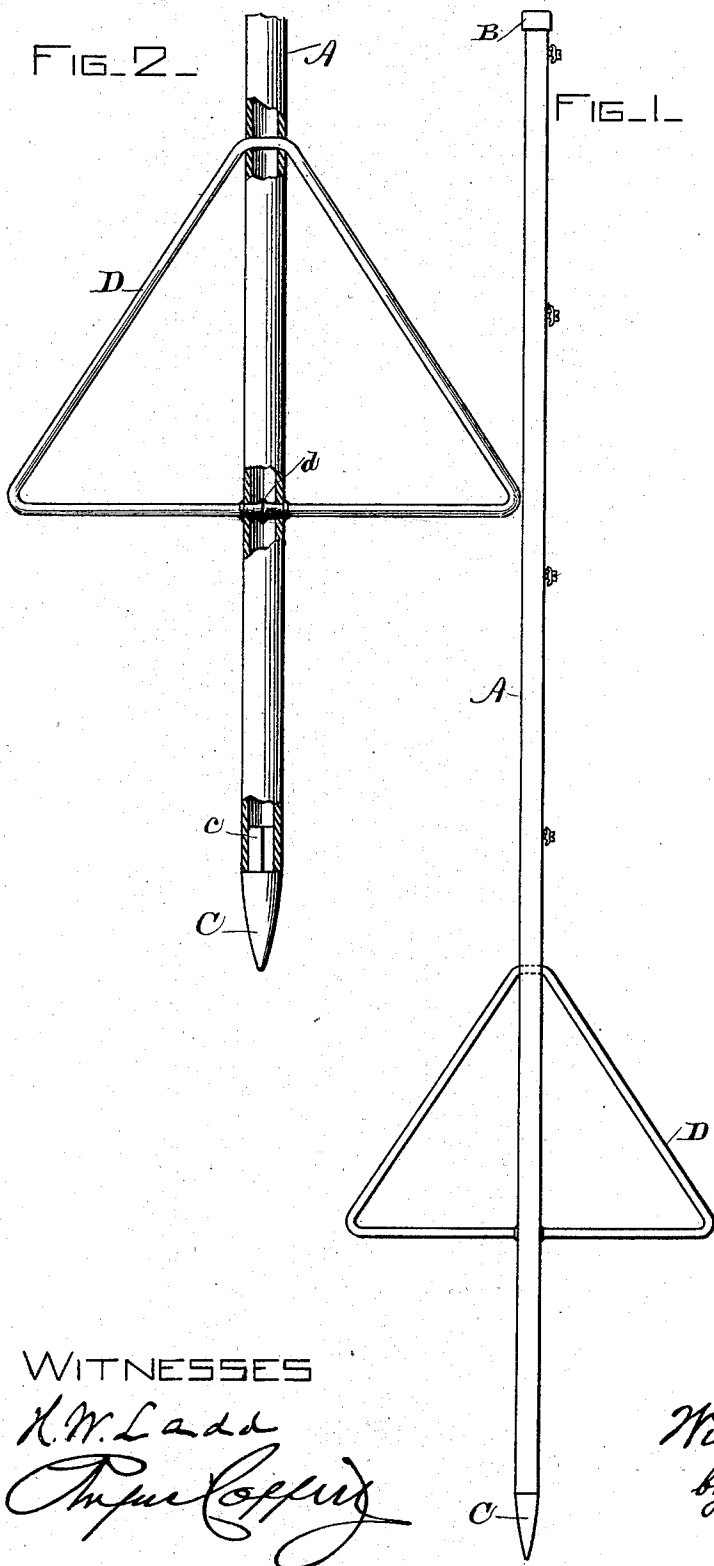
No. 656,611.

Patented Aug. 21, 1900.

W. L. PENNEY.  
FENCE POST.

(Application filed July 29, 1899.)

(No Model.)



WITNESSES

*H. W. Ladd*  
*Thos Coffey*

INVENTOR

*William L. Penney*  
by *A. M. Penney*  
Atty

# UNITED STATES PATENT OFFICE.

WILLIAM L. PENNEY, OF FOXBOROUGH, MASSACHUSETTS, ASSIGNOR OF ONE-HALF TO ALBERT H. SPENCER, OF BOSTON, MASSACHUSETTS.

## FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 656,611, dated August 21, 1900.

Application filed July 29, 1899. Serial No. 725,459. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM L. PENNEY, of Foxborough, in the county of Norfolk and State of Massachusetts, have invented certain new and useful Improvements in Fence-Posts, of which the following is a specification.

My invention relates to metallic fences, and comprises an improved laterally-braced post therefor and novel means for securing the braces to the posts of such fences.

My invention is embodied in a tubular metallic post adapted to be driven into the ground and having at about the ground-level a metallic brace, substantially triangular in outline, formed of a metallic rod passing through the post and extending each side thereof and firmly secured therein. This double brace is preferably of one continuous rod, its lower portion extending horizontally to right and left and thence obliquely upward to its anchorage in the post, or its middle portion extending from the upper anchorage obliquely downward on each side and thence inward to the post, where its ends are welded or otherwise secured. The brace-rod may near one end be shouldered or offset where it enters the post horizontally and the other end abutted against the post and secured to the protruding tip of the first one. Any suitable wire fastenings may be used to secure the fence-strands to the posts.

In the drawings, Figure 1 is an elevation of my improved post complete. Fig. 2 is an enlarged vertical section of part of the post, showing the preferred manner of applying the brace thereto.

A represents the post, a metallic tube of suitable size—say one inch or more in diameter and four or more feet in length. It will be provided with a cap B and tip C, preferably applied while the metal is hot and secured in place by shrinkage. The tip is shown in Fig. 2 as having a squared shank *c*, which may be driven into the foot of the post, and thus held permanently.

D represents the triangular brace, consisting of an iron or steel rod passing through the post at two points, and thus permanently secured thereto. Each half of the brace extends horizontally and obliquely from and to

the post, and they may be formed separately and suitably joined; but I prefer the construction illustrated in Fig. 2, the rod being continuous, bent centrally downward to form the two oblique portions, and then inward to constitute the horizontal parts of the brace, which are shown as entering the post at *d* and abutted therein, where their ends are welded by pressure or otherwise held against withdrawal or other movement. The ends will be at a welding heat when inserted into the perforation of the post and pressed against each other, and their abutting will upset them more or less and secure them permanently. When the brace is made in two equal parts, their ends will be similarly joined in each perforation. The post may be heated and then shrunk upon the inserted brace or slightly flattened and compressed upon the brace when heated or otherwise.

I do not limit myself to a particular method of securing the brace, since it is novel and highly advantageous to anchor the brace by passing it twice through the post, thereby securing special rigidity as compared with other means of connection.

I claim as my invention—

1. The improved fence-post described, consisting of the tubular body A, adapted to be driven into the ground and provided with the metallic brace-rod D, approximately triangular in outline and passing twice through the body A and thus permanently secured thereto, substantially as set forth.

2. The braced fence-post herein described, comprising the tubular metallic body A, in combination with a triangular metallic brace D passing centrally through said body, bent to extend obliquely downward at each side thereof, and then horizontally inward, the braced ends being abutted within the post and rigidly joined thereto in a horizontal line, substantially as set forth.

In testimony whereof I have affixed my signature in presence of two witnesses.

WILLIAM L. PENNEY.

Witnesses:

A. H. SPENCER,  
H. W. LADD,