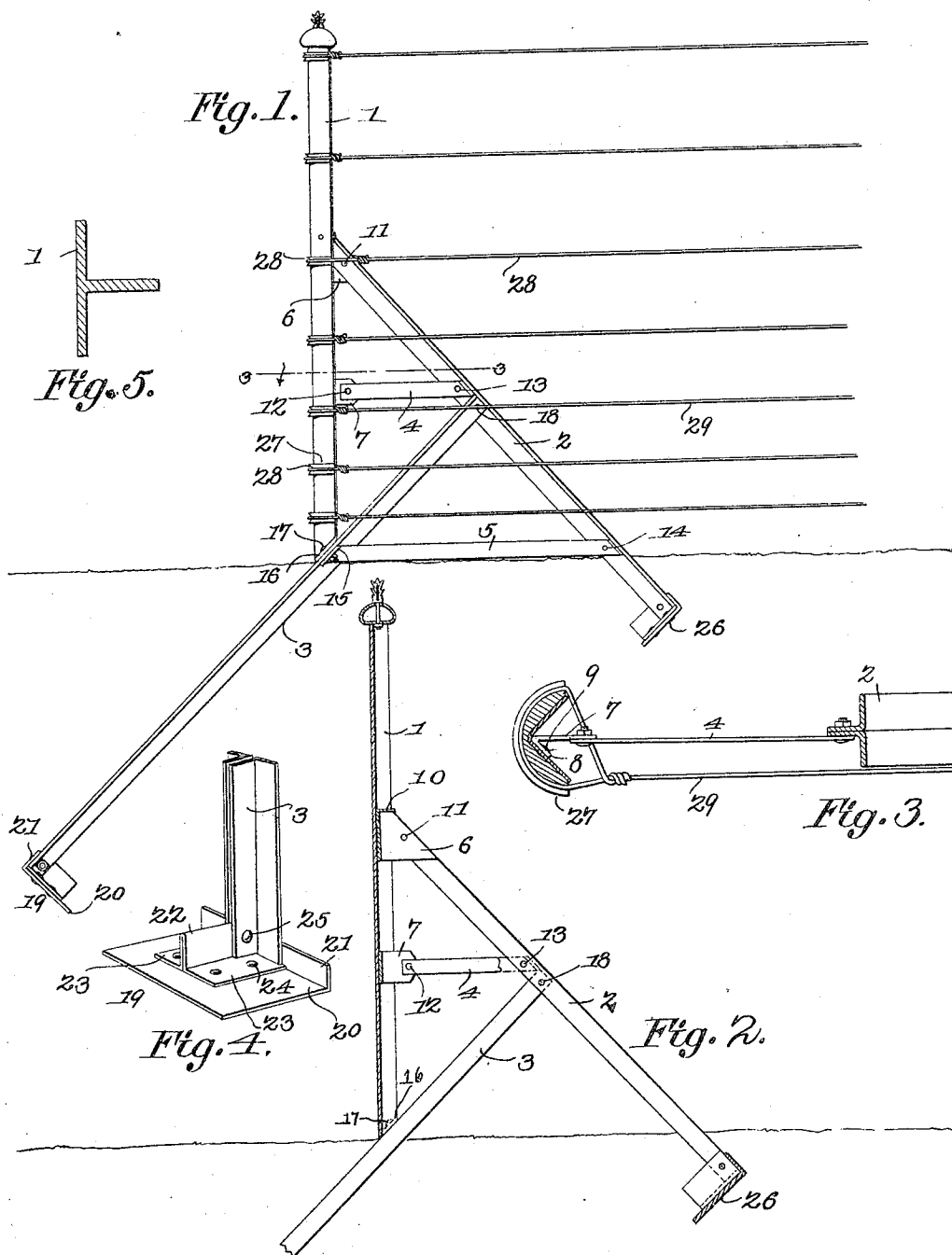


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D. WARNER & F. M. RUDD.  
END AND CORNER POST OF FENCES.  
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Witnesses:

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# UNITED STATES PATENT OFFICE.

DANIEL WARNER AND FRANK M. RUDD, OF BRONSON, MICHIGAN.

## END AND CORNER POST OF FENCES.

No. 801,942.

Specification of Letters Patent.

Patented Oct. 17, 1905.

Application filed May 15, 1905. Serial No. 260,534.

*To all whom it may concern:*

Be it known that we, DANIEL WARNER and FRANK M. RUDD, citizens of the United States, residing at Bronson, in the county of Branch and State of Michigan, have invented new and useful End and Corner Posts of Fences, of which the following is a specification.

This invention relates to the end and corner posts of fences.

The object of the invention is to provide a neat, strong, and durable end and corner post which shall be capable of withstanding any strain brought to bear upon the fence-wires and to obviate the employment of cement in anchoring the post.

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 an end and corner post, as will be hereinafter 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 side elevation of a post constructed in accordance with the present invention. Fig. 2 is a view in vertical transverse section. Fig. 3 is a view in horizontal section, on an enlarged scale, taken on the line 3-3 of Fig. 1 and looking in the direction of the arrow thereon. Fig. 4 is an enlarged detail view in perspective of one of the anchoring members of the post-braces. Fig. 5 is a transverse sectional view through a modified form of structure that may be employed in the building up of the parts of the post.

Referring to the drawings, 1 designates the post; 2, the front brace; 3, the rear brace, and 4 and 5 two horizontally-disposed braces connecting the post and the front brace. The post and front and rear braces are by preference made of two sections of angle-iron suitably assembled, although, as shown in Fig. 5, these parts may be made of T-iron and still be within the scope of the invention.

The post has combined with it intermediate of its ends two plates or lugs 6 and 7, the connection of these parts with the post being effected in any suitable manner, as by bending the inner end of each of the plates at an angle to its length, as shown at 8 in Fig. 3, and securing the deflected portion to the post by a rivet or bolt 9. The plate 6 is provided at its upper end with an extension 10, projecting at right angles to the post and serving as

an abutment against which will bear the upper end of the front brace 2, thereby to reduce to a minimum the strain on the bolt or rivet 11 that holds the brace combined with the plate. The plate 7 has secured to it by a rivet or bolt 12 one end of the horizontal brace 4, the other end of which is riveted or bolted at 13 to the front brace 2. The other horizontal brace 5 is connected at one end by a rivet or bolt 14 to the flange of the front brace 2, its other end having a flange 15 extending obliquely to its length to engage with one side of one of the flanges of the rear brace 3, the bottom of the post being provided with a similar obliquely-disposed flange 16, engaging the other side of the rear brace, and between the oblique flanges and the brace is passed a rivet or bolt 17, that operates positively to bind the parts together. The upper end of the rear brace is secured by a rivet or bolt 18 to the front brace 2 adjacent to the point of connection of the brace 4, and by this manner of combining and connecting the braces and the post a structure that is stable and will not yield to strains is presented.

The rear brace, which, in effect, constitutes the holding member, is of greater length than the front brace and is provided at its lower end with a foot 19, constituting an anchoring member, the same comprising a plate 20, having a flange 21, and a clip 22, provided with base-flanges 23, that are secured by bolts or rivets 24 to the plate 20. The lower end of the rear brace is secured to the clip 22 by a rivet or bolt 25, the flange 21 operating to brace the foot against any movement under strains. The front brace has a foot 26 combined with it, which is constructed in the same manner as that just described.

Secured to the post in any preferred manner and spaced at suitable distances apart, are wire-supports 27, which are preferably semicircular castings and each of which is provided with a peripheral groove 28, in which is secured one end of the strand-wires 29, as clearly shown in Figs. 1 and 3.

In setting up the post the feet of the front and rear braces are embedded the desired depth in the earth, while the post proper rests upon the upper surface thereof. Upon strains being applied to the strand-wires any tendency to yield will be positively counteracted by the feet 19 and 26 in the manner that will be perfectly obvious.

It will be seen from the foregoing description that although the improvements herein

defined are simple in character, they will combine to produce a thoroughly effective and durable form of post and one that will be capable of withstanding all strains to which it is subjected in use.

Having thus described the invention, what is claimed is—

1. The combination with a fence-post provided at its lower end with an obliquely-disposed flange, of a brace secured intermediate of the ends of the post and projecting at an angle thereto, a second brace secured intermediate of the ends of the first-named brace and secured to the said flange, and anchors carried by the two braces.

2. The combination with a fence-post having a pair of laterally-projecting plates combined therewith and provided at its lower end with an obliquely-disposed flange, of a front brace having one end secured to one of the plates and projecting at an angle to the post, a rear brace secured intermediate of the ends of the front brace and extending at approximate right angles thereto, a pair of horizontal braces one of which is connected to the front brace and the other plate, and the other of which is connected to the front brace and having an obliquely-disposed flange engaging the rear brace, and fastening means passing through the flanges of the post, horizontal brace and rear brace.

3. The combination with a fence-post having a pair of plates combined therewith and provided exteriorly with grooved wire-supports, of a front brace having one end secured

to the upper plate and its other end provided with an anchoring device, a rear brace secured intermediate of the ends of the front brace and to the bottom of the post and carrying at its lower end an anchoring device, and a pair of horizontal braces, one of which is secured at one end to the lower plate and to the front brace at a point adjacent to the connection of the rear brace, and the other horizontal brace being secured to the front brace and the bottom of the post.

4. The combination with a fence-post provided intermediate of its ends with a pair of plates and at its bottom with obliquely-disposed lateral flanges, of a front brace secured to the upper plate and extending at an angle to the post, a rear brace having its upper end secured intermediate of the ends of the front brace and bearing against the oblique flanges of the post, and horizontal braces one of which is secured to the upper plate and to the front brace and the other of which is connected with the front brace and having an oblique flange bearing against the rear brace, and securing devices passing through the flanges of the last-named horizontal brace and of the post and through the rear brace.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in the presence of two witnesses.

DANIEL WARNER.  
FRANK M. RUDD.

Witnesses:

R. D. STRANG,  
C. M. VAN EVERY, Sr.