

No. 701,771.

Patented June 3, 1902.

R. R. SPOORE & J. M. RAUB.

FENCE POST.

(Application filed Oct. 28, 1900.)

(No Model.)

FIG. 1.

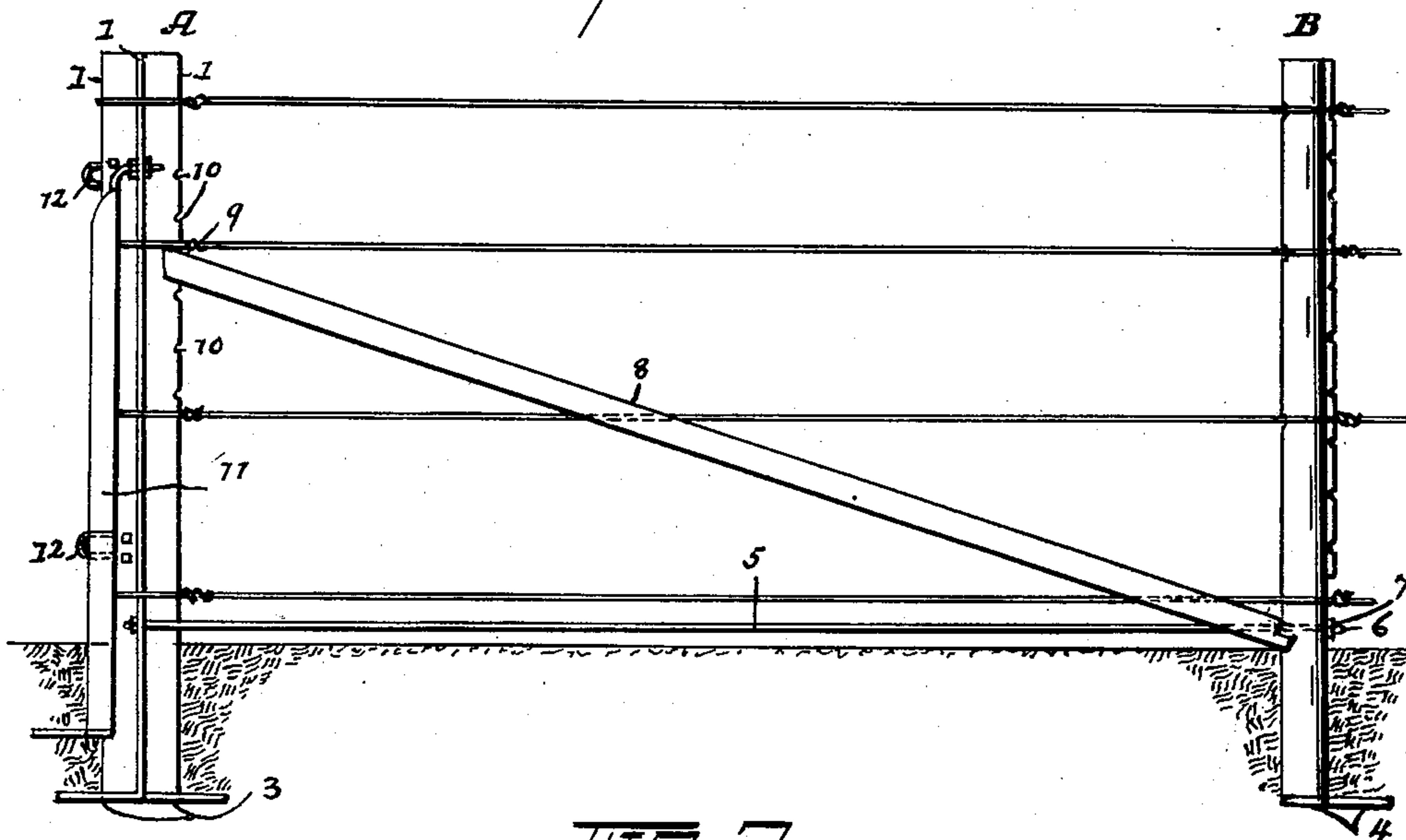
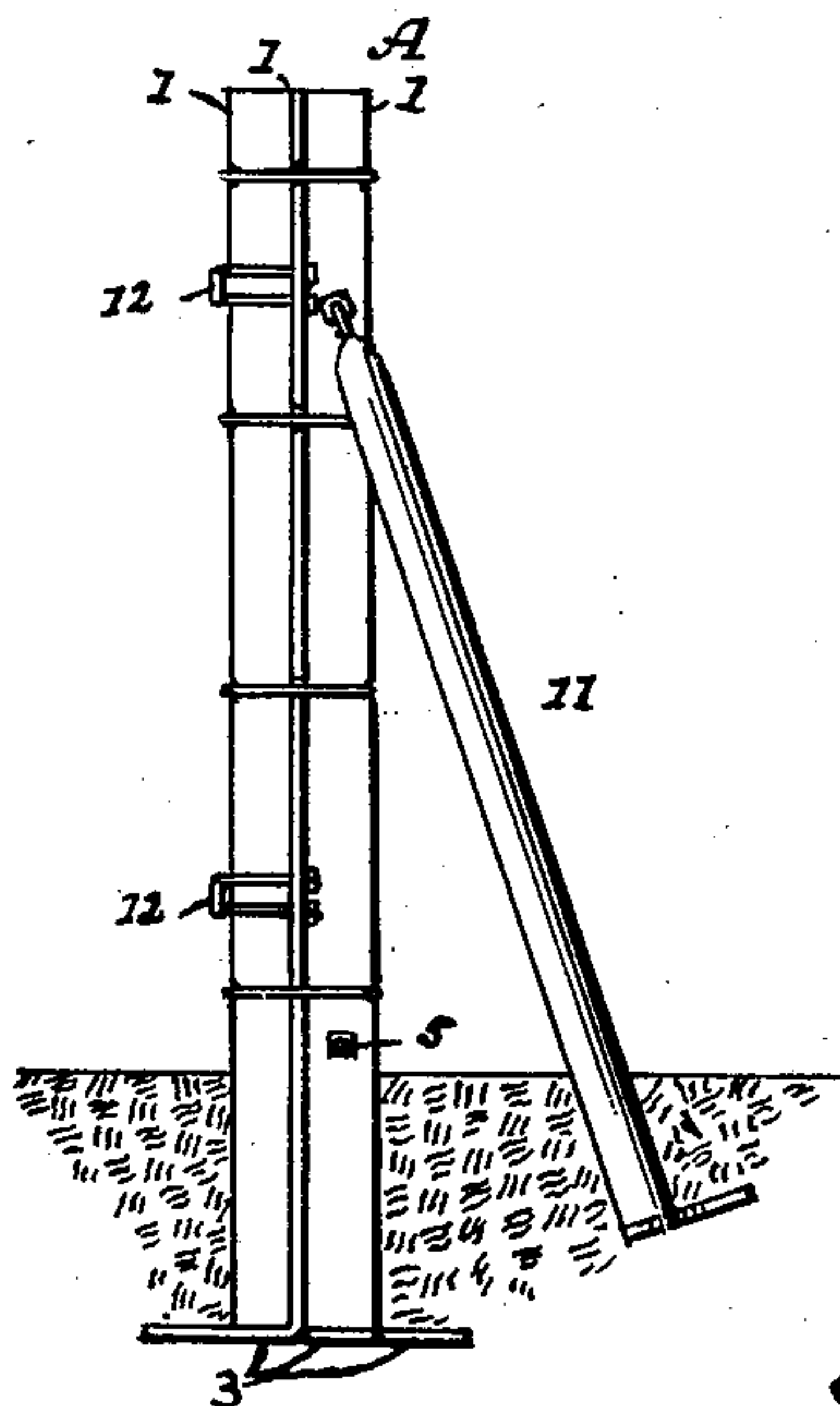


FIG. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

RANSOM R. SPOORE, OF NEWARK, AND JOSEPH M. RAUB, OF BROOKLYN,
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FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 701,771, dated June 3, 1902.

Application filed October 26, 1900. Serial No. 34,432. (No model.)

To all whom it may concern:

Be it known that we, RANSOM R. SPOORE, residing at Newark, in the county of Wayne, and JOSEPH M. RAUB, residing at Brooklyn, in the county of Kings, State of New York, citizens of the United States, have invented certain new and useful Improvements in Fence-Posts; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Our invention has relation to improvements in fence-posts; and the object is to provide an end fence-post which is provided with simple, efficient, and durable bracing means, so that the stability of the post is insured and established against displacement in all directions.

We accomplish the objects of the invention by the means and constructions illustrated in the accompanying drawings, to be taken as a part of this specification, and wherein—

Figure 1 is a side view in elevation of the improvement complete. Fig. 2 is an end view in elevation, showing the connection of the side brace to the post and also showing the gate-hinges in the post.

A designates the end post, preferably made of metal and in cross-section is provided with four flanges I I I I, extending from the center of the post at right angles to each other. One or more of the edges of these flanges are notched, as shown, to provide seats for the wires of the fence, which are connected and secured to the posts in any well-known manner. The post A is of such size and length as may be desired, and at the bottom the flanges are separated and turned to horizontal position, as at 3, the turned portions constituting means for anchoring and holding the post firmly in the ground.

B designates a metal line-post, which is U-shaped, having a vertical rib 14 on the convex side of the web of the post. The lower end is split and the flanges turned outwardly to form anchoring extensions 4 4 4, as shown. The rib is notched transversely, as at 15 15, forming seats in which lie the tie-wires 16 16, passing around the post and having their ends wrapped around the line-wire at opposite sides

of the post. The post B is set removed from the post A such distance as may be desired or required, and between the two posts adjacent to the ground-line is arranged a tie-rod 5, let through a flange on the post A and projected through the post B, and on the threaded end 6 thereof is fitted a clamping and adjusting nut 7, whereby the braces may be stayed and braced.

To brace the post A in the direction of the fence, we arrange a brace-rod 8, having its lower end seated at the lower end of the post B and its upper end suitably lodged against the post A at the point desired. This brace 8 is preferably a metal sheet or plate bent into U shape in cross-section, so that its lower end may engage the post and straddle and rest upon the tie-rod, and at its upper end the back is slotted, as at 9, so that the end may straddle the flange on the post A, and the metal at the end of the slot engaged in a notch 10 and be held in position. Of course a series of notches similar to the notch 10 may be formed in the post for convenience of placing the brace 8.

To stay and brace the post A against lateral displacement, we provide a brace piece or rod II, having anchor-pieces at its base and rounded at its upper end and provided with screw-threads on the round portion, which portion is bent over at substantially right angles to the stem and projected through the flange of the post and secured by clamping-nuts at each side of the flange, substantially as indicated.

At the proper points on the post A are secured gate hinges or supports 12 12, consisting of loops of substantial iron rod, in the bend of which the gate (not shown) is hung, the loops being bent or directed at an angle to the stems of the loops or staples, as shown. These hinges or supports are secured in the post by having their stems threaded and passed through the flange of the post and clamping-nuts 13 arranged thereon.

As shown, the brace-rods and post and stay-post may be made of metal plates bent or rolled in cross-section in U shape on three sides of a rectangle.

The elements or parts of the invention are utilized and assembled by first setting the

end post A and stay-post B at the proper points, then fixing the stay-rod in position, and then arranging the braces in connection with the posts, and then the stringing of the
5 wires may be proceeded with.

Having thus described our invention, what we claim, and desire to secure by Letters Patent, is—

10 1. The U-shaped adjustable brace in combination with the flanged post, the said brace being pivotally secured thereto, and terminating in the curved neck, the same being threaded at its end and adjustably secured by the nuts to the flange of the post.

15 2. The combination with the U-shaped adjustable brace and conically-flanged post, said brace being pivotally secured thereto, and

terminating in the curved neck; of the tie-rod 5 threaded at its ends and having securing-nuts, and the slotted U-shaped brace 8
all arranged and operating substantially as described and for the purpose set forth.

In testimony whereof we affix our signatures in presence of witnesses.

RANSOM R. SPOORE.

JOSEPH M. RAUB.

Witnesses as to signature of Ransom R. Spoor:

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