

No. 615,855.

Patented Dec. 13, 1898.

R. KENNEDY.
WIRE FENCE.

(Application filed June 16, 1898.)

(No Model.)

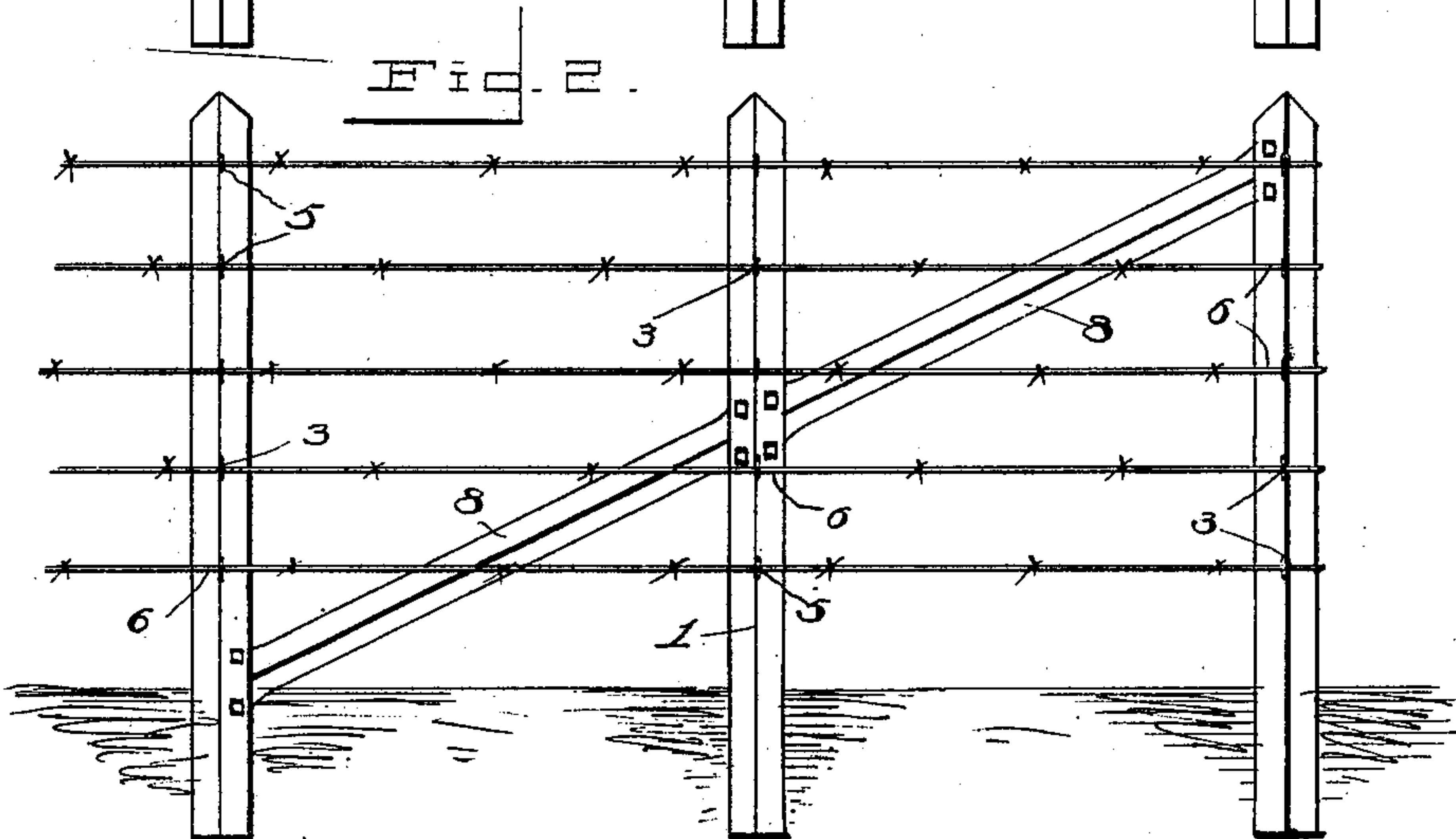
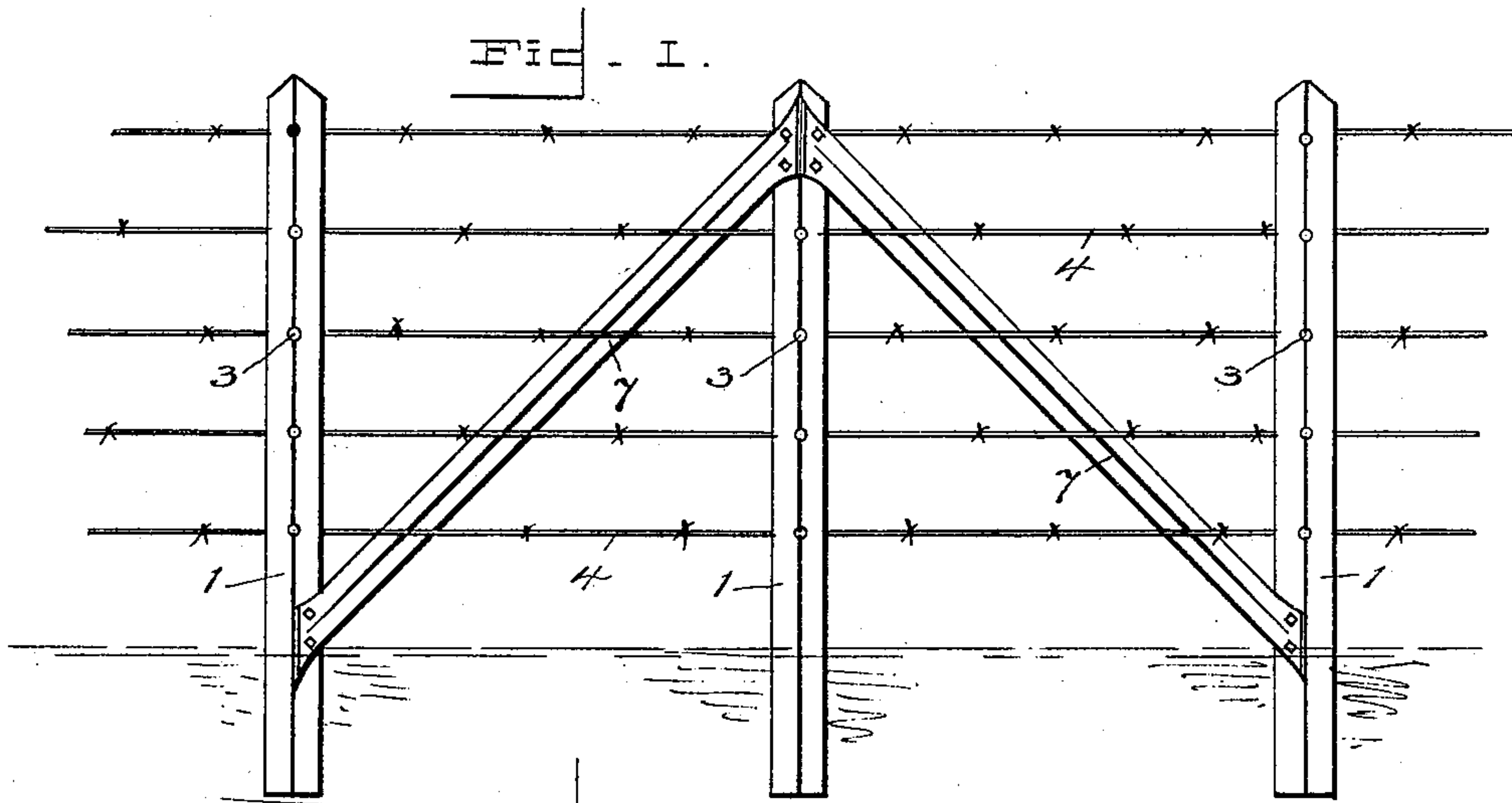


Fig. 3.

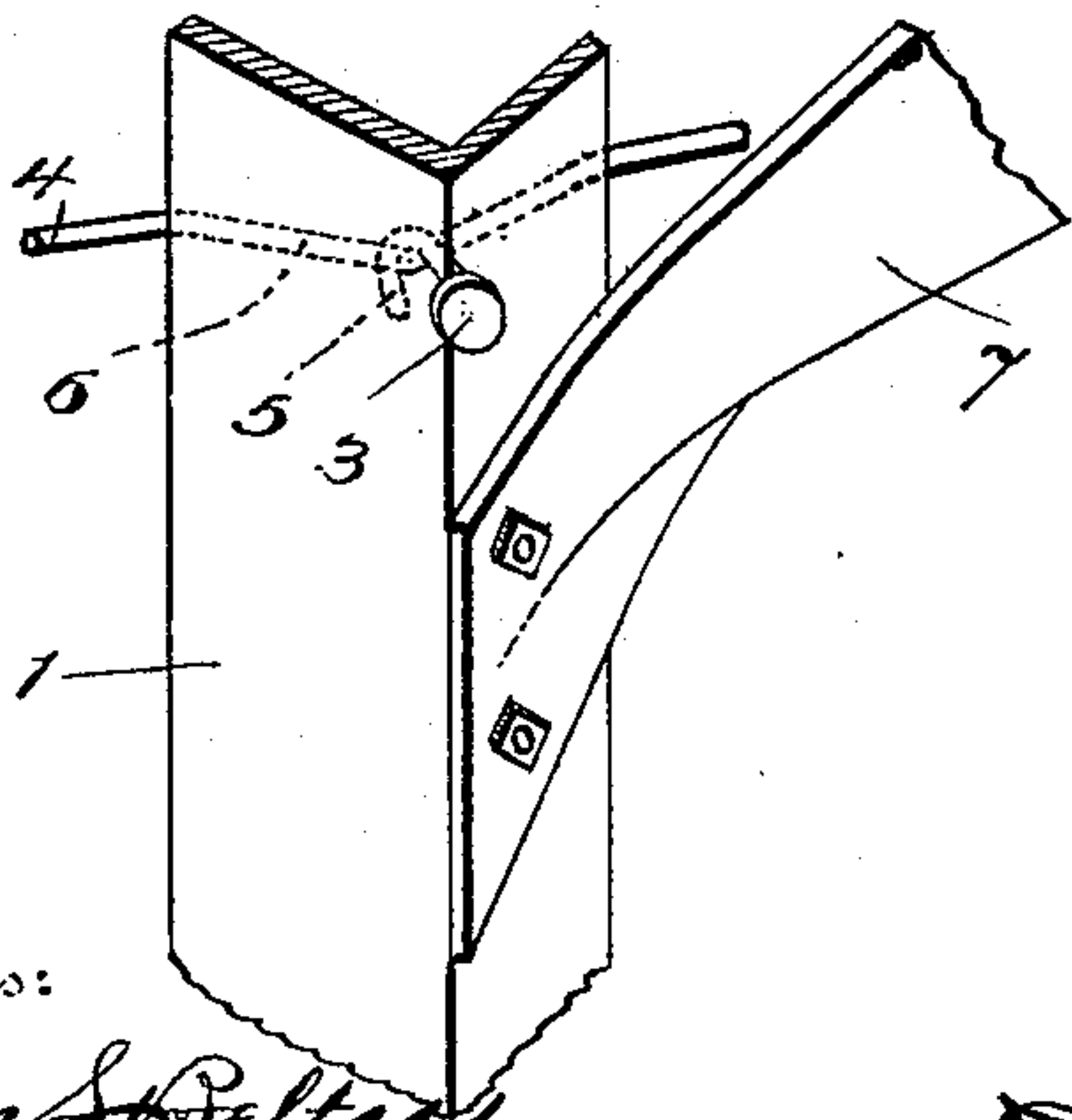
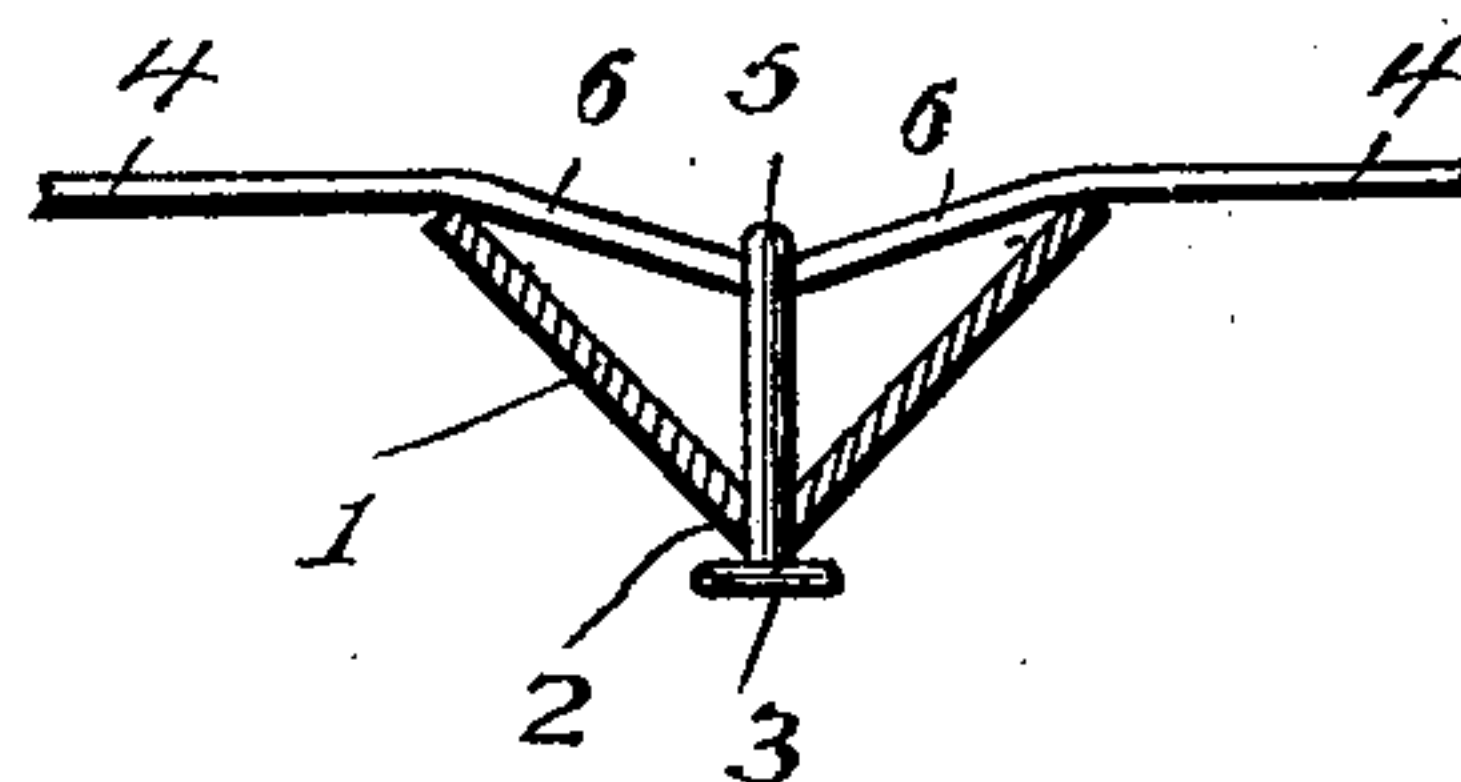


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

RICHARD KENNEDY, OF HIGHLAND, WISCONSIN.

WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 615,855, dated December 13, 1898.

Application filed June 16, 1898. Serial No. 683,591. (No model.)

To all whom it may concern:

Be it known that I, RICHARD KENNEDY, a citizen of the United States, residing at Highland, in the county of Iowa and State of Wisconsin, have invented certain new and useful Improvements in Wire Fences; and I do 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.

My invention relates to wire fencing, and more particularly to that form of the braced posts and the means for securing the fence-wires thereto; and the object is to construct a fence of this character that will be simple, inexpensive, and practically everlasting.

To these ends the invention consists in the construction, combination, and arrangement of the fence, as will be hereinafter more fully described, and particularly pointed out in the claim.

The accompanying drawings show my invention in the best form now known to me; but many changes in the details might be made within the skill of a good mechanic without departing from the spirit of my invention as set forth in the claim at the end of this specification.

The same reference characters indicate the same parts of the invention.

In the drawings, Figure 1 is a rear elevation of my improved fence. Fig. 2 is a front view showing the corner-braces. Fig. 3 is an enlarged perspective detail of a section of the post, the end of the brace, and the means for securing the fence-wire to the post. Fig. 4 is a horizontal section on the line of one of the fence-wires.

In the drawings, 1 denotes the post, which consists of a single piece of angle steel or iron. A series of transverse orifices 2 2 extend through the apex of the angle formed by the contiguous edges of the converging flanges, and an ordinary wire nail 3 is inserted in each of said orifices, and its pointed end is turned around the horizontal fence-wire 4 to form a staple 5, which encompasses the fence-wire and serves to draw it in between the converging walls of the post. This arrangement

forms the kinks 6 6 in the wire, which project into the angular recess in the post and serve to lock the wire against longitudinal displacement.

7 represents an anchor-brace having its bifurcated ends secured to the opposite sides of the flanges of the posts, so as to rigidly brace said posts against the strain due to the longitudinal tension in either direction of the fence-wires, and they may be employed every eighth or quarter of a mile or wherever needed to add stability to the fence.

In Fig. 2 I have shown the diagonal or corner braces 8 8 connecting two of the posts, beginning with each corner-post, so as to rigidly brace the corner-post against the tension strain in either direction. This method keeps the corner-posts firm and rigid, and when once properly secured the fence-wires are always kept in the tension originally given them. These braces are also formed of angle steel or iron of the same general dimensions as that of which the posts are made.

A fence constructed as above described is neat and attractive in appearance and strong and durable, as well as cheap in construction, and by reason of its coating will be practically indestructible from the exposure due to the elements.

Having thus fully described my invention, what I claim as new and useful, and desire to secure by Letters Patent of the United States, is—

In a metallic fence, the combination with the right-angular post 1, of a pair of similar posts ranged on opposite sides and parallel with said post 1, of the diagonal rigid brace 8 centrally fixed to said post 1 and having its opposite diagonally-alined ends fixed to the upper and lower ends of said side posts, and the horizontal fence-wires fixed to said posts, substantially as shown and described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

RICHARD KENNEDY.

Witnesses:

MATTHIAS CHALE,
FRANK WATHA, Jr.