

No. 763,202.

PATENTED JUNE 21, 1904.

J. PENCE.  
FENCE.

APPLICATION FILED NOV. 27, 1903.

NO MODEL.

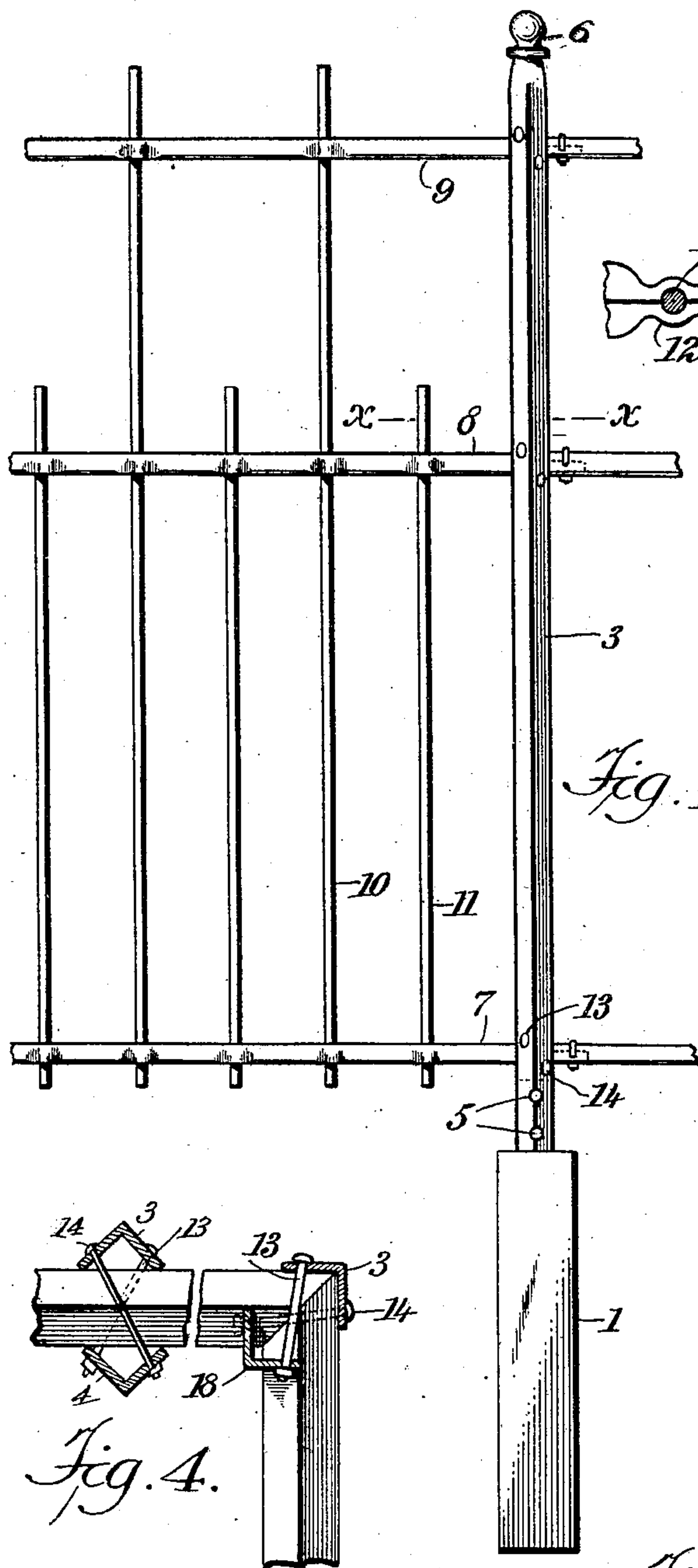


Fig. 1.

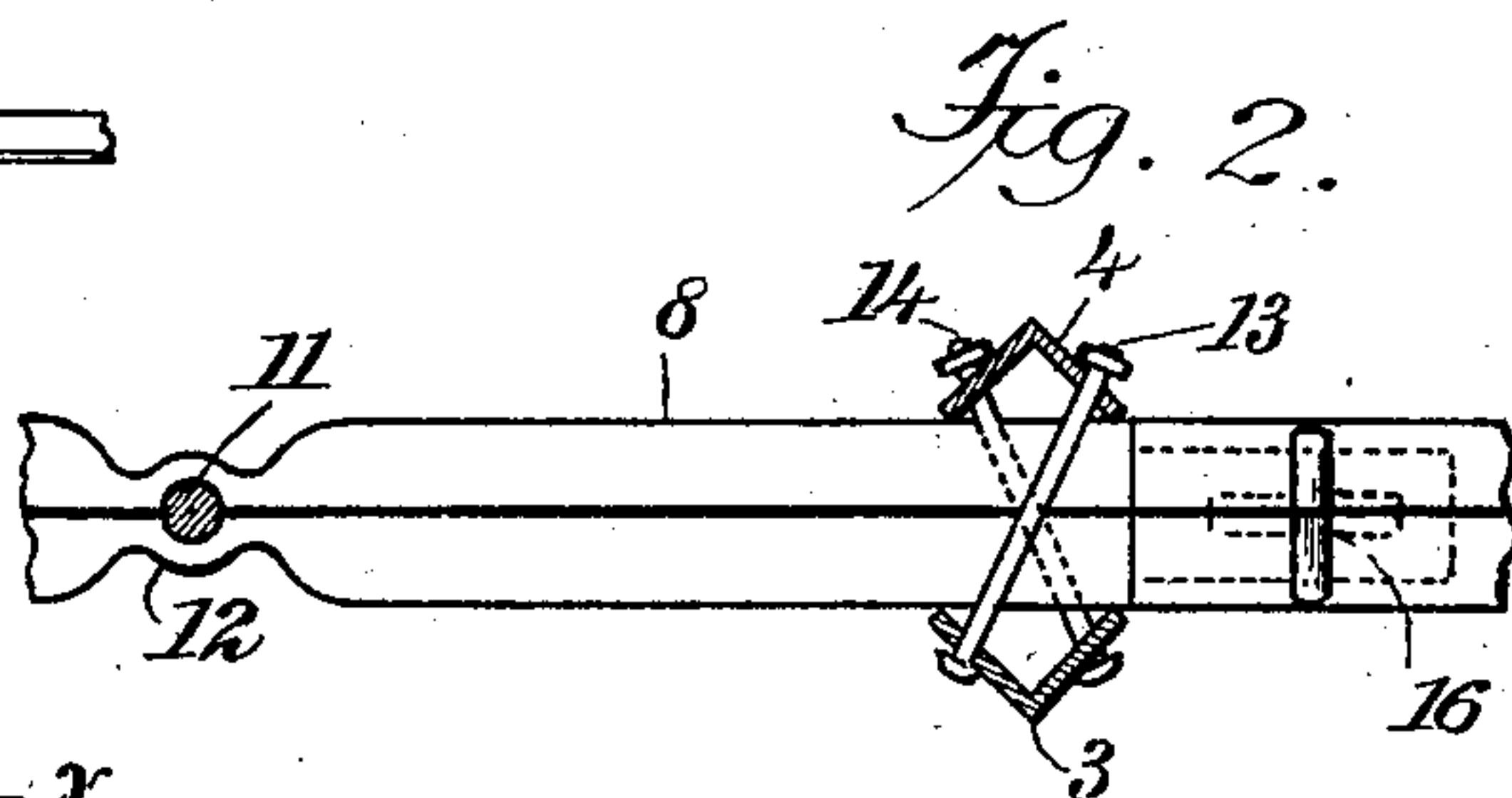


Fig. 2.

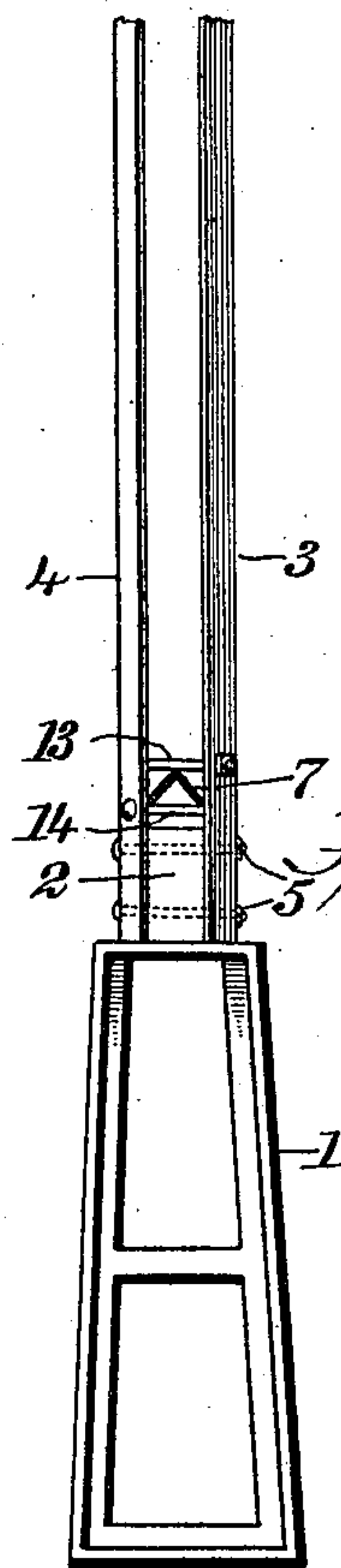


Fig. 3.

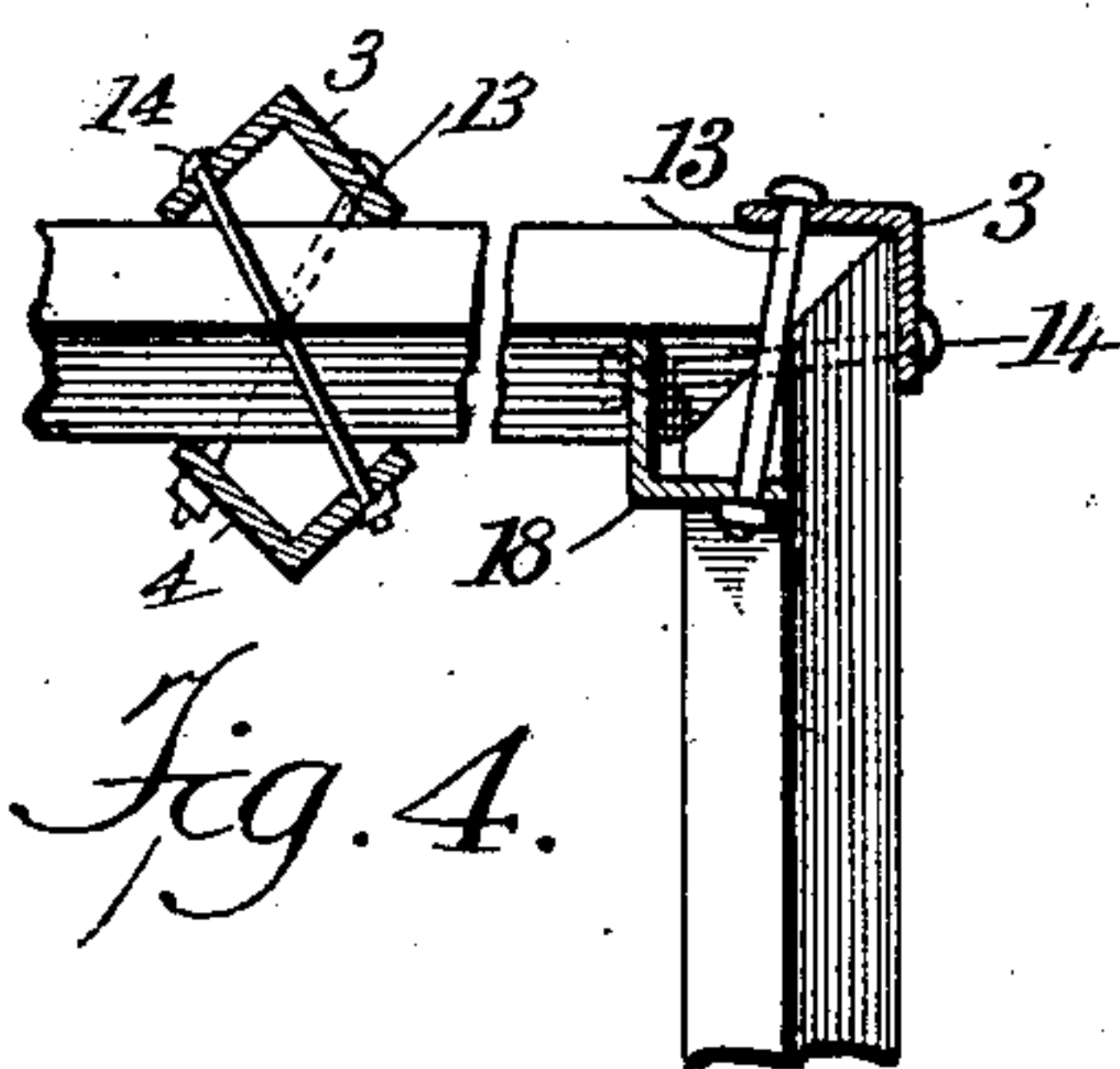


Fig. 4.

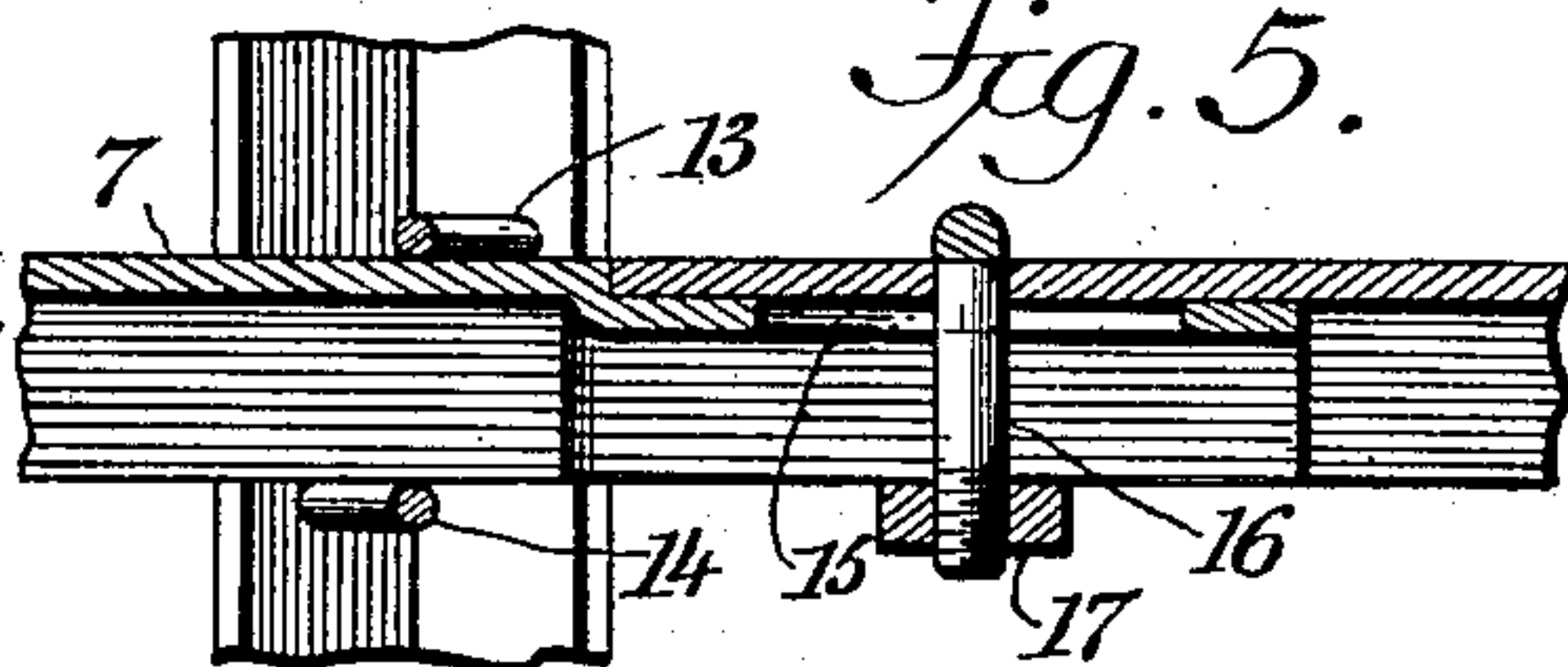


Fig. 5.

WITNESSES:

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# UNITED STATES PATENT OFFICE.

JOHN PENCE, OF GRATIS, OHIO.

## FENCE.

SPECIFICATION forming part of Letters Patent No. 763,202, dated June 21, 1904.

Application filed November 27, 1903. Serial No. 182,788. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN PENCE, a citizen of the United States, and a resident of Gratis, in the county of Preble and State of Ohio, have invented a new and Improved Fence, of which the following is a full, clear, and exact description.

This invention relates to improvements in metal picket fences, an object being to provide a metal fence, preferably steel, that will be of light structure, yet very strong and serviceable, and that may be sold at a comparatively small price.

I will describe a fence embodying my invention and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is an elevation showing a portion of a fence embodying my invention. Fig. 2 is a section on the line *x x* of Fig. 1. Fig. 3 is an elevation of one of the posts. Fig. 4 illustrates a corner construction, and Fig. 5 is a section showing the manner of connecting the meeting ends of the rails.

Each post consists of a base or anchoring device 1, which may be of cast-iron, and preferably of frame construction, so that the dirt may be thoroughly packed therein. On the upper end of the post 1 is an extension 2, to which the opposite members 3 4 of the post are secured, as here shown, by means of bolts or rivets 5. The post members 3 4 are trough or V shaped in cross-section, and the upper ends of the two members are drawn together and attached by a suitable ornament 6. By making the members 3 4 of the shape indicated the posts are very strong, yet comparatively light. Secured between the members of the post are the rails 7 8 9. These rails also are of steel and V-shaped in cross-section, with the apexes upward. The several rails are provided with openings to receive the long pickets 10, while the bottom rail and the

middle rail 8 are provided with openings to receive the short pickets 11.

During the construction of the fence after placing the pickets in the openings of the rails pressure is brought to bear upon the rails by suitable machinery to force the rails inward around the pickets, as indicated at 12. This inward pressing not only makes a very strong connection between the rails and pickets, but it adds somewhat to the ornamental features of the fence. The rails extend between the members of the post and are secured by bolts 13, connecting with the opposite members of the post above the rails, and bolts 14, extended through the opposite members of the post at the under sides of the rails. These bolts 13 14 are crossed, and thus the post members will be rigidly held from torsional or twisting strain.

The meeting ends of the rails are so connected as to permit of adjustment in putting up the fence-panels and also to permit of expansion and contraction.

As shown in Fig. 5, the end of one rail is provided with a slot 15, through which a bolt 16 passes, the said bolt passing through an opening in the end portion of the other rail and having a T-head for engaging thereon, and on the lower threaded end of the bolt is a nut 17.

To present a smooth appearance at the joint, the under rail member is depressed to conform to the interior surface of the connecting-rail member, whereby the outer surfaces of the two rails will be practically flush. The corner-posts are substantially like the other posts; but the inner members 18 are provided with notches to receive the inner portions of the rails, as clearly indicated in Fig. 4.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A metal fence comprising posts, each consisting of opposite trough-shaped members, rails extended between the members, bolts extended through the members above and below the rails, and corner-posts having inner



and outer members angular in cross-section, the inner members of the corner-posts being provided with notches to receive the rails.

2. In a metal fence, a corner-post comprising  
5 inner and outer members angular in cross-section, the inner member being provided with notches, and V-shaped rails engaging between the members and in said notches.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN PENCE.

Witnesses:

GRANT HOOVER.  
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