

(No Model.)

W. E. ROYER.
FENCE STAY.

No. 601,682.

Patented Apr. 5, 1898.

Fig. 1.

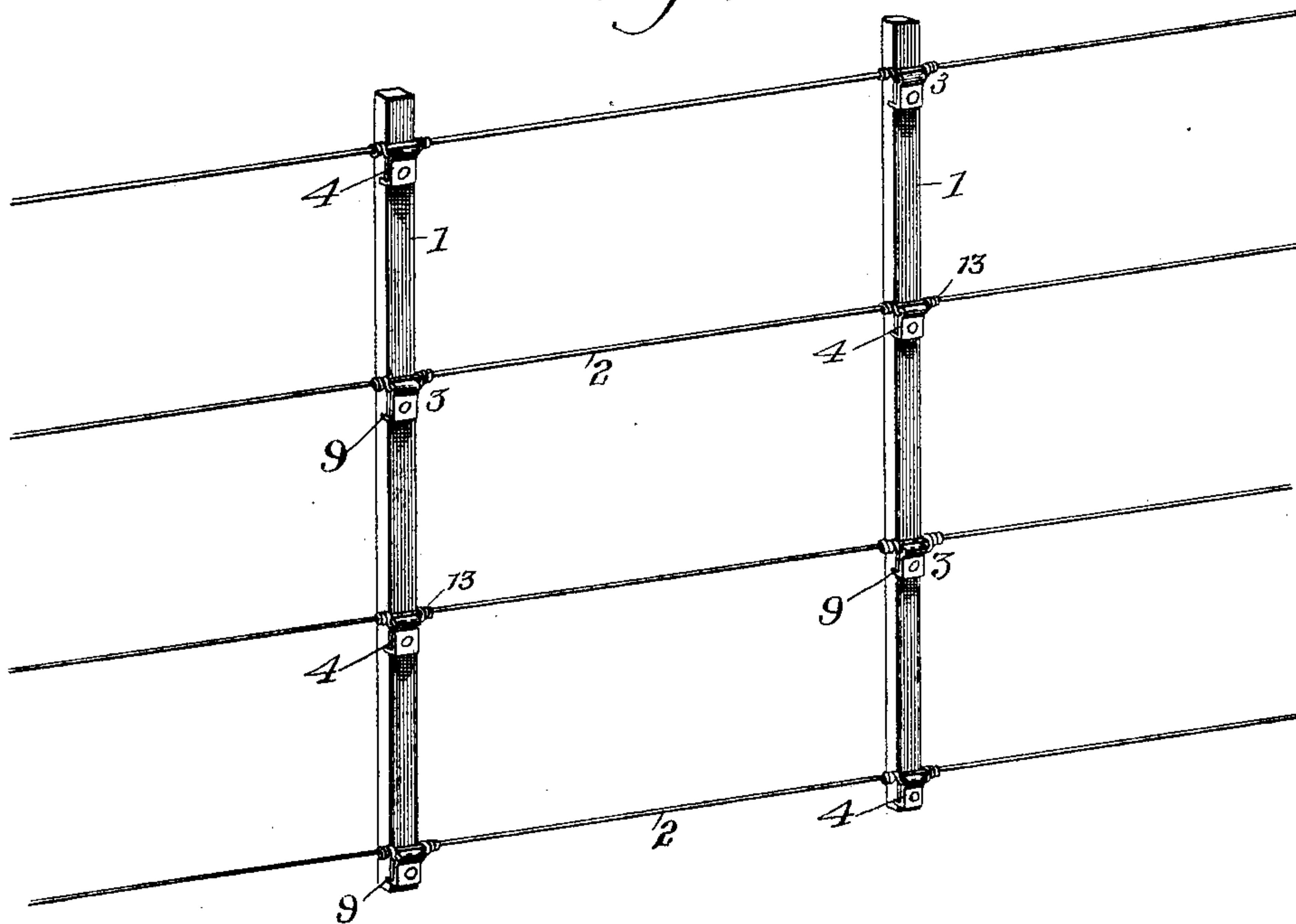


Fig. 2.

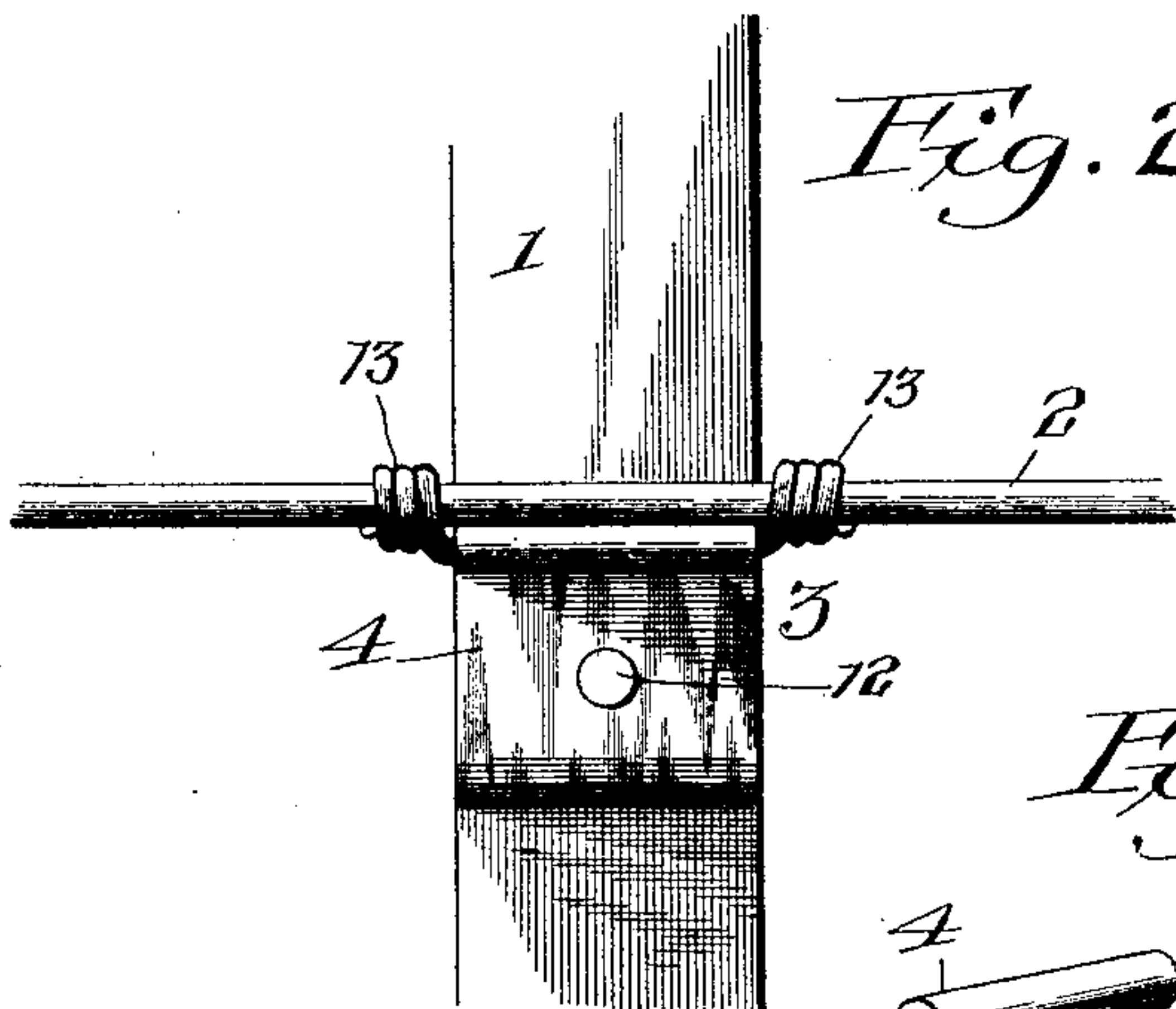


Fig. 3.

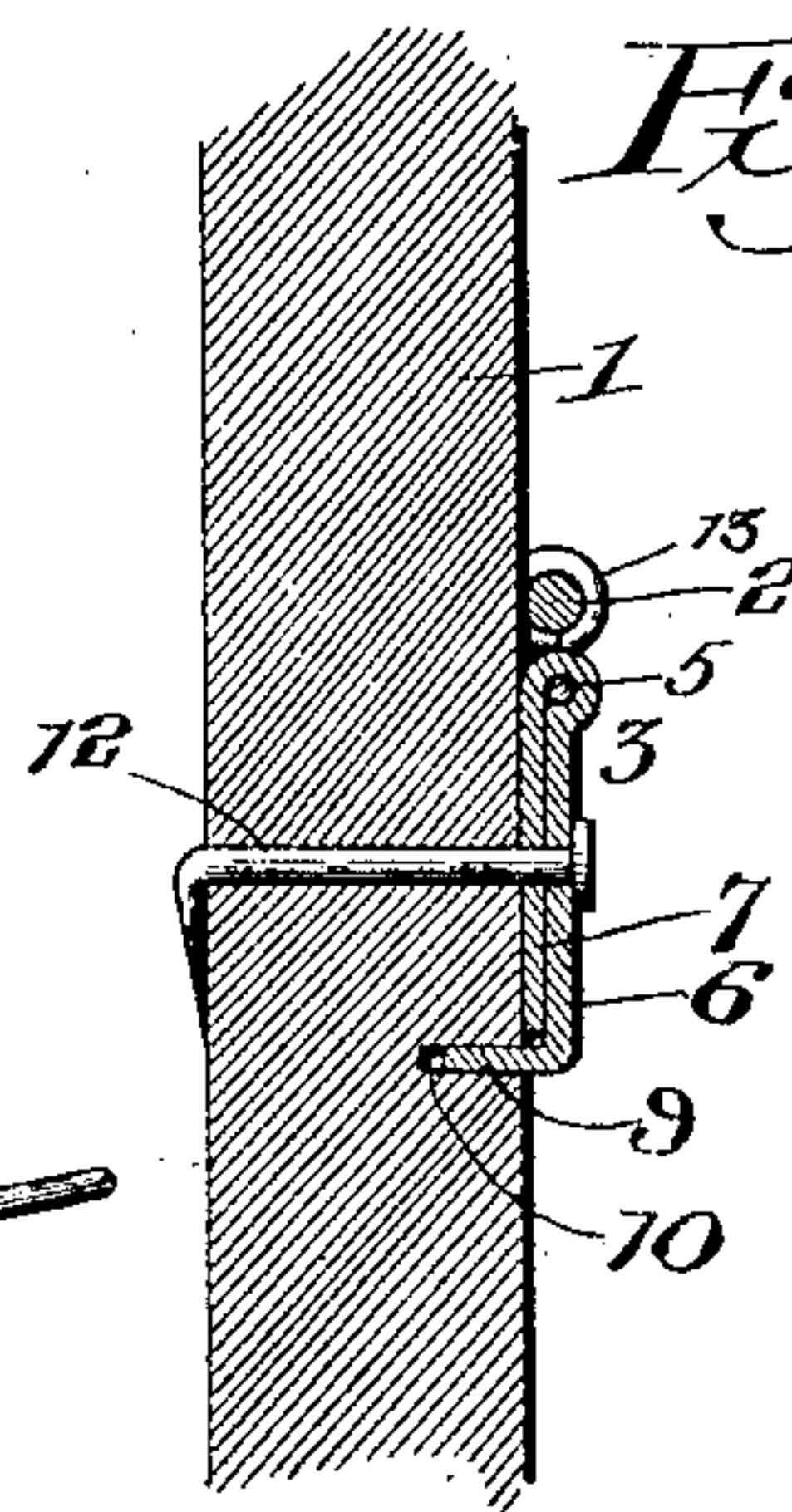
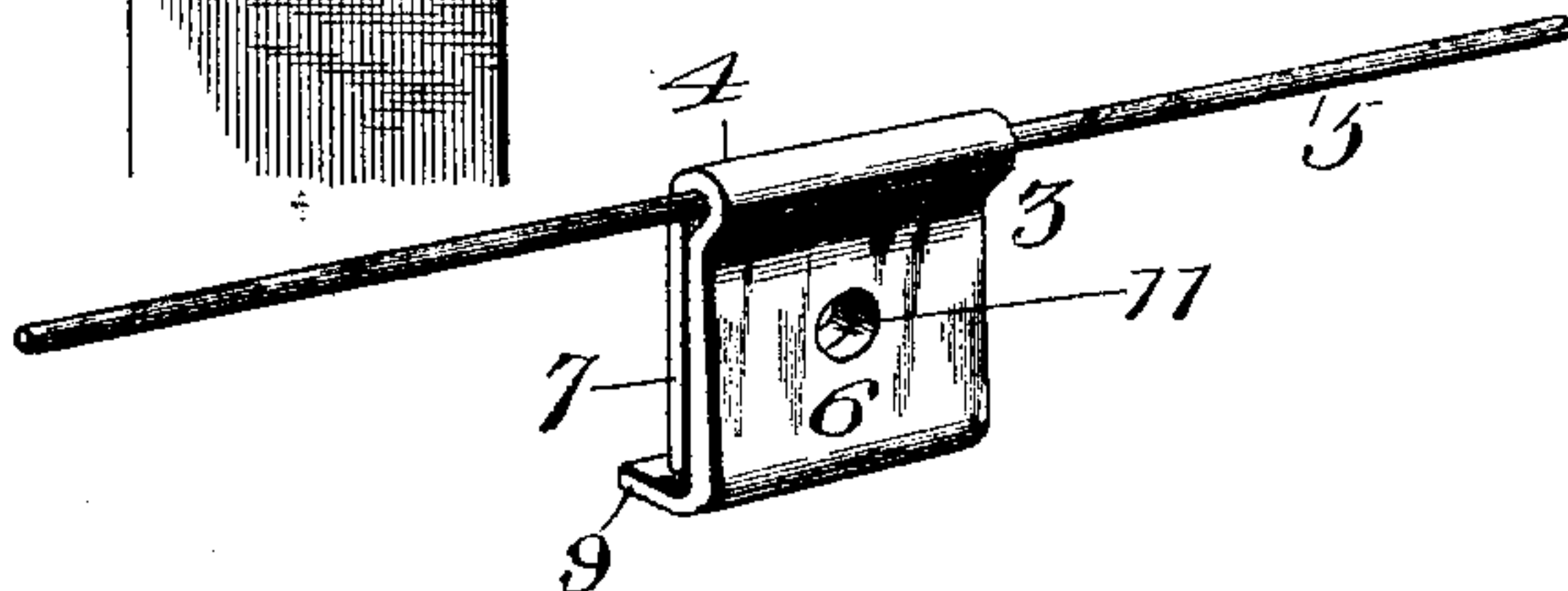


Fig. 4.



Inventor

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Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM E. ROYER, OF PAINTER CREEK, OHIO.

FENCE-STAY.

SPECIFICATION forming part of Letters Patent No. 601,682, dated April 5, 1898.

Application filed August 9, 1897. Serial No. 647,626. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM E. ROYER, a citizen of the United States, residing at Painter Creek, in the county of Darke and State of Ohio, have invented a new and useful Fence-Stay, of which the following is a specification.

This invention relates to stays or fasteners for the wires of wire fences, its object being to provide a simple, efficient, and durable device of this character which cannot easily be detached from the fence-post and will effectually secure the fence-wire in position against the post to permit it to expand or contract without putting undue strain upon the stay or fastener.

With these objects in view the invention consists of the several details of construction and combination of parts, as will be hereinafter described, and particularly pointed out in the claims.

In the drawings, Figure 1 is a perspective view of a portion of a wire fence provided with my improved stay. Fig. 2 is a front elevation, on an enlarged scale, of my improved stay and a portion of the fence-post and one of the fence-wires. Fig. 3 is a vertical transverse section of Fig. 2. Fig. 4 is a perspective view of the fastener ready for application to the fence-post.

Similar reference-numerals indicate similar parts in the several figures.

The fence-posts are indicated by 1 and the fence-wires by 2, and 3 indicates my improved stay or fastener. The stay or fastener comprises a supporting-plate 4 and a fastening-wire 5. The supporting-plate is formed of a strip of metal folded upon itself to form the leaves 6 and 7, of unequal length, and the loop 8, which forms a seat for the fastening-wire 5. That portion of the long leaf 6 which projects beyond the leaf 7 is bent at substantially a right angle to form a flange 9, which projects across the lower end of the leaf 7 and is intended to seat in a horizontally-disposed kerf or recess 10, formed in the post 1. The leaves 6 and 7 are provided with registering perforations, (indicated by 11.)

In applying the stay or fastener the kerf 10 is cut in the post 1 at the desired point, and the flange of the supporting-plate is then driven into the kerf until the leaf 7 of the supporting-plate engages the face of the post,

and a headed nail 12 is then driven through the registering perforations in the leaves 6 and 7 and the post 1 and preferably clenched. The ends of the fastening-wire 8 which project beyond the side edges of the supporting-plate are then coiled around the fence-wire 2, as indicated at 13, and the operation is then completed.

From the foregoing description it will be obvious that I have provided a very simple, durable, and efficient stay or fastener which will effectually hold the fence-wires in position against the post and which cannot be easily detached from the post. It is also apparent that the fence-wire will be free to expand and contract through the coils 13 of the securing-wire without putting any undue strain upon the stay or fastener.

The supporting-plate and the fastening-wire will preferably be galvanized to prevent them from rusting, or they may be painted for the same purpose. They will also be of such size and strength as circumstances may require, and it is obvious that instead of using the headed nail 12 bolts or similar fastening devices could be used with equally good effect, and it is to be understood that changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

Having thus described the invention, what I claim is—

1. As a new article of manufacture, a stay or fastener for fence-wires comprising a supporting-plate formed of a strip of metal folded upon itself, and having one of its ends bent to form a substantially horizontal flange, and a fastening-wire supported in the loop formed by folding the said strip and projecting at each end beyond the side edges of the supporting-plate, substantially as described.

2. The combination with a fence-wire, and a fence-post having a horizontally-disposed kerf or recess formed therein, of a stay comprising a supporting-plate having a flange at its lower end to fit in said kerf, a fastening-wire supported by said plate with its ends extending beyond the side edges of the plate, said extended ends being coiled around the fence-wire, and a device to secure the plate to the post, substantially as described.

3. The combination with a fence-wire, and
a fence-post having a horizontally-disposed
kerf or recess formed therein, of a stay com-
prising a supporting-plate formed of a strip
5 of metal folded upon itself and having one of
its ends bent to form a substantially horizon-
tal flange to fit in said kerf, and a fastening-
wire supported in the loop formed by folding
the said metal strip, said wire extending at
10 each end beyond the side edges of the sup-
porting-plate, and the extending ends being

coiled around the fence-wire, and a nail driven
through an opening in the supporting-plate
and the fence-post and being clenched, sub-
stantially as and for the purpose specified. 15

In testimony that I claim the foregoing as
my own I have hereto affixed my signature in
the presence of two witnesses.

WILLIAM E. ROYER.

Witnesses:

THOS. C. MAHER,

J. R. STOCKER.