

No. 678,087.

Patented July 9, 1901.

S. W. YARLOT.
STAY WIRE FOR FENCES.

(Application filed Oct. 6, 1900.)

(No Model.)

Fig. 1.

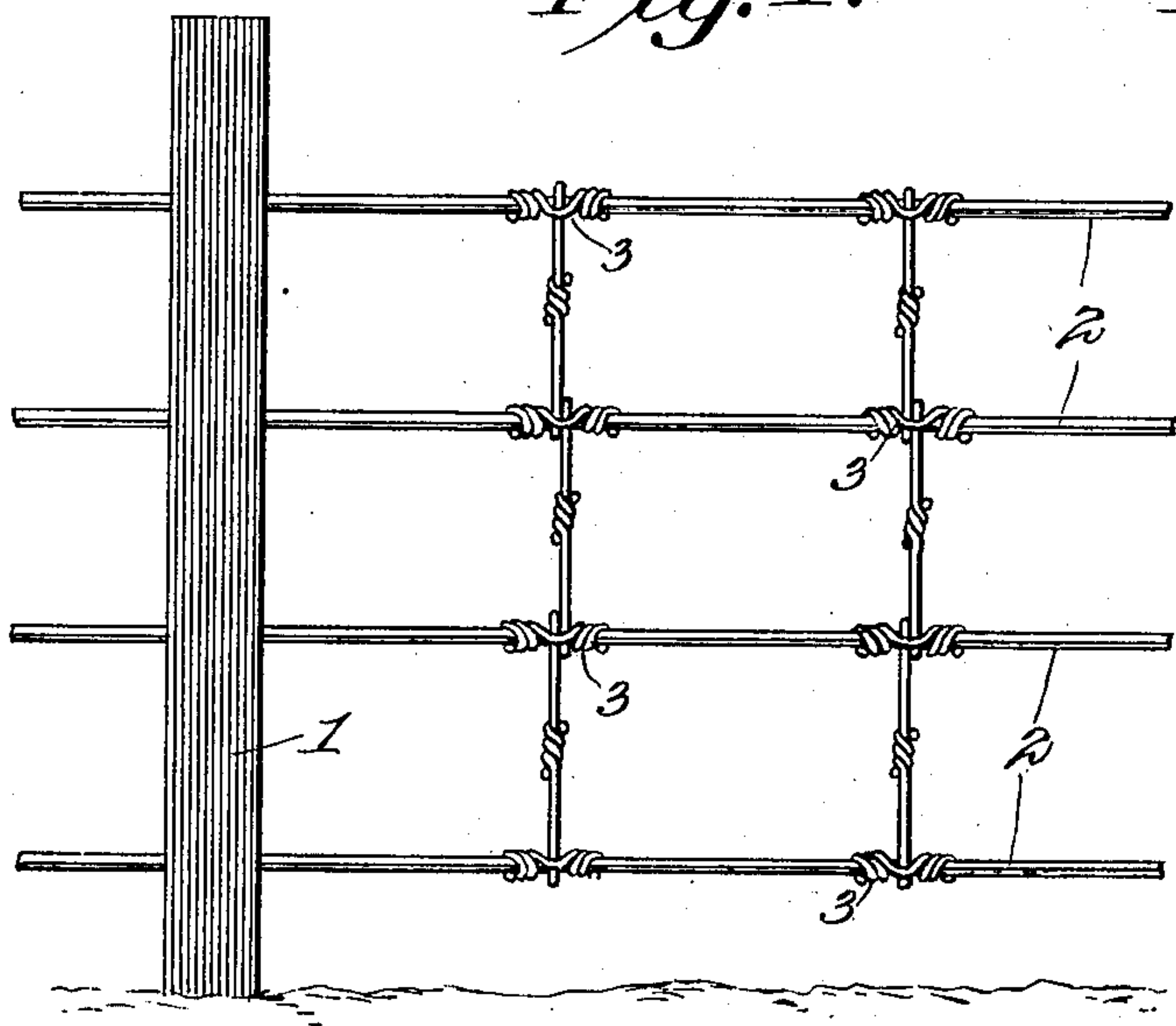


Fig. 3.



Fig. 4.



Fig. 2.

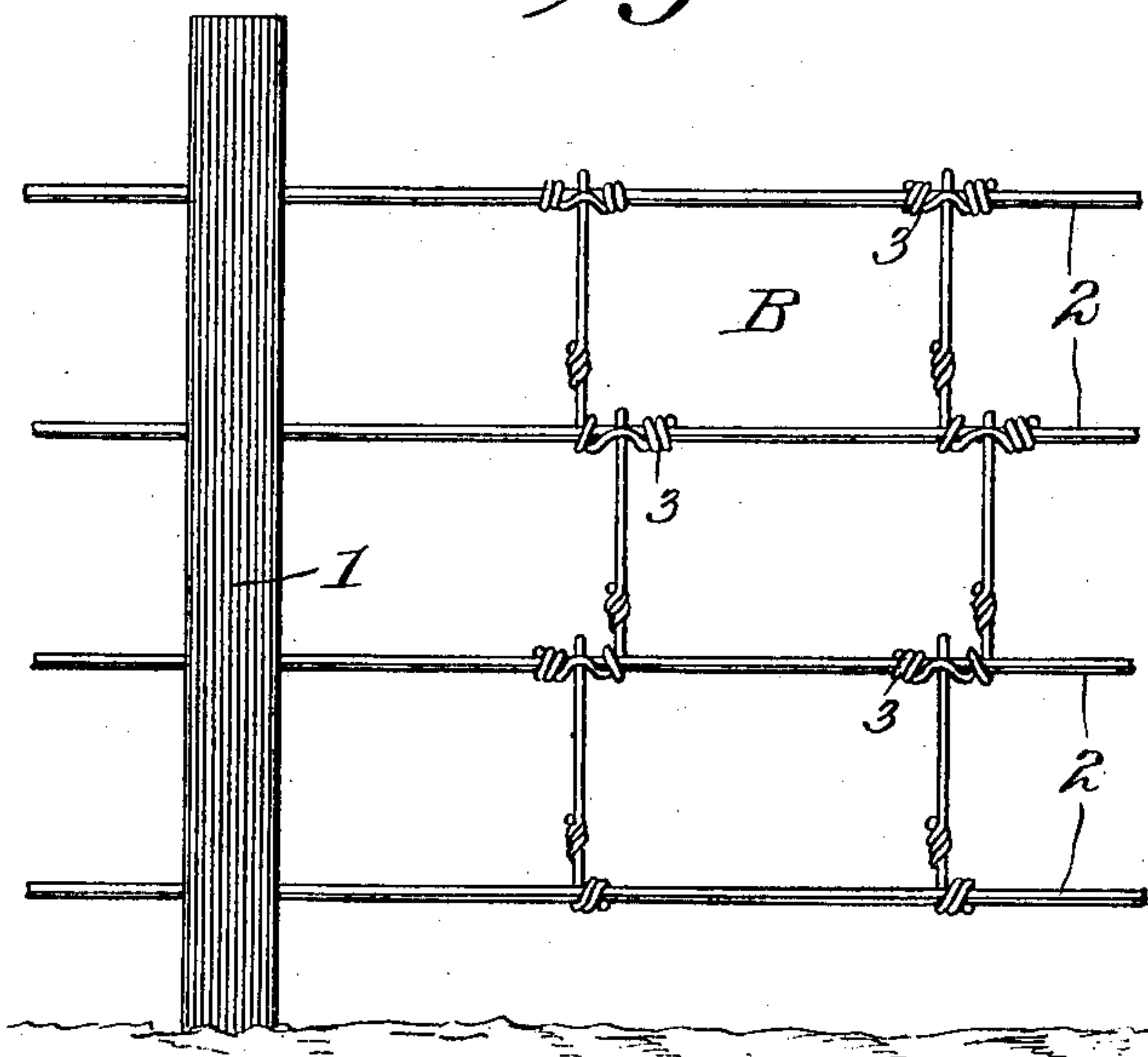


Fig. 5.

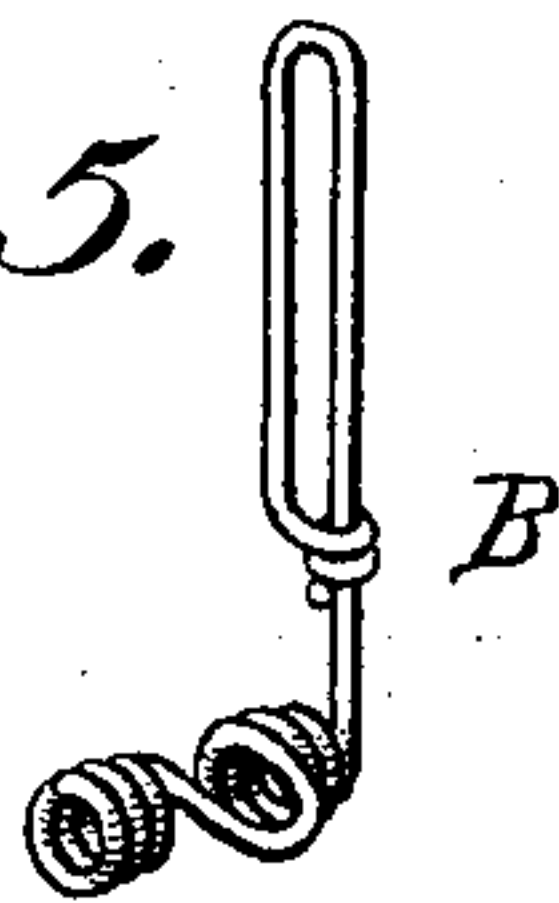


Fig. 6.

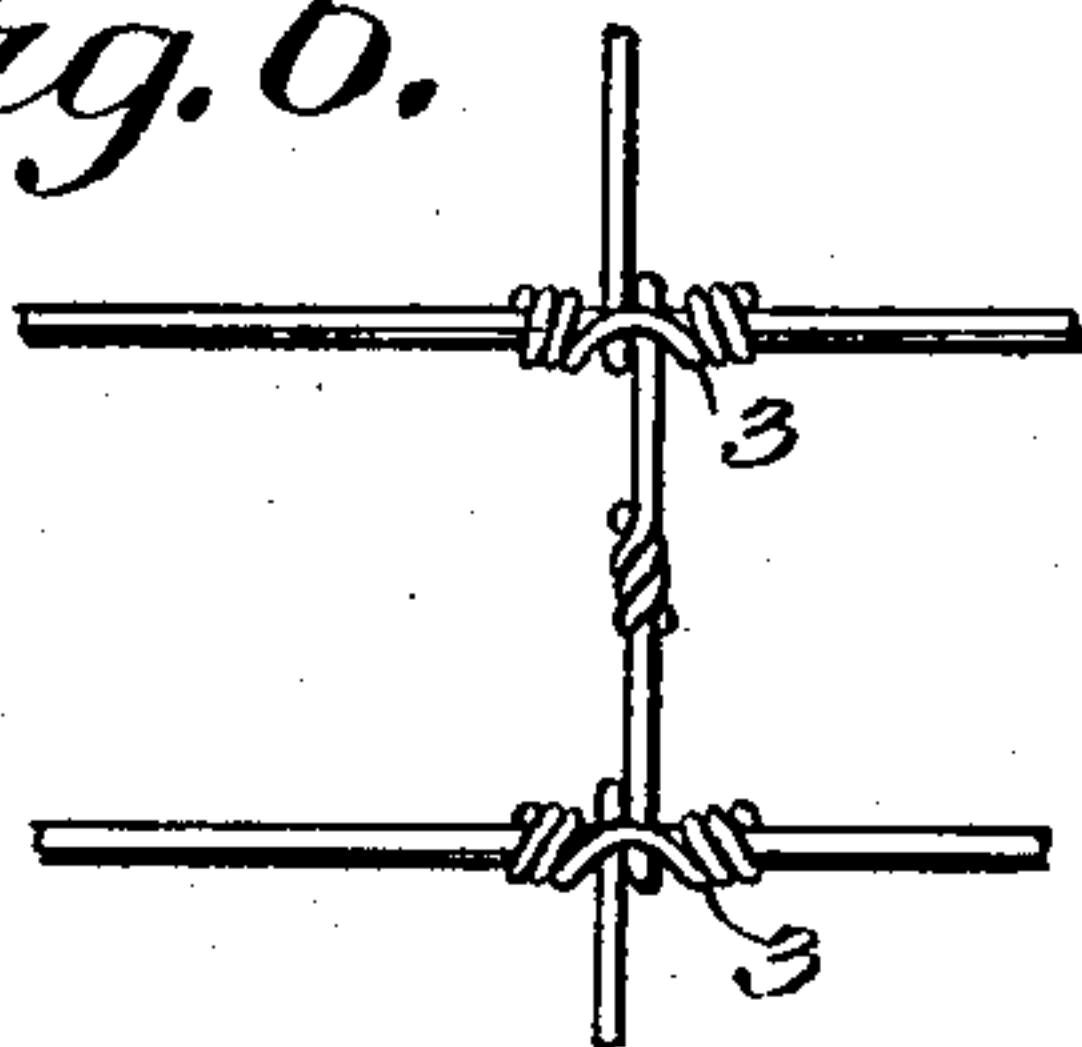
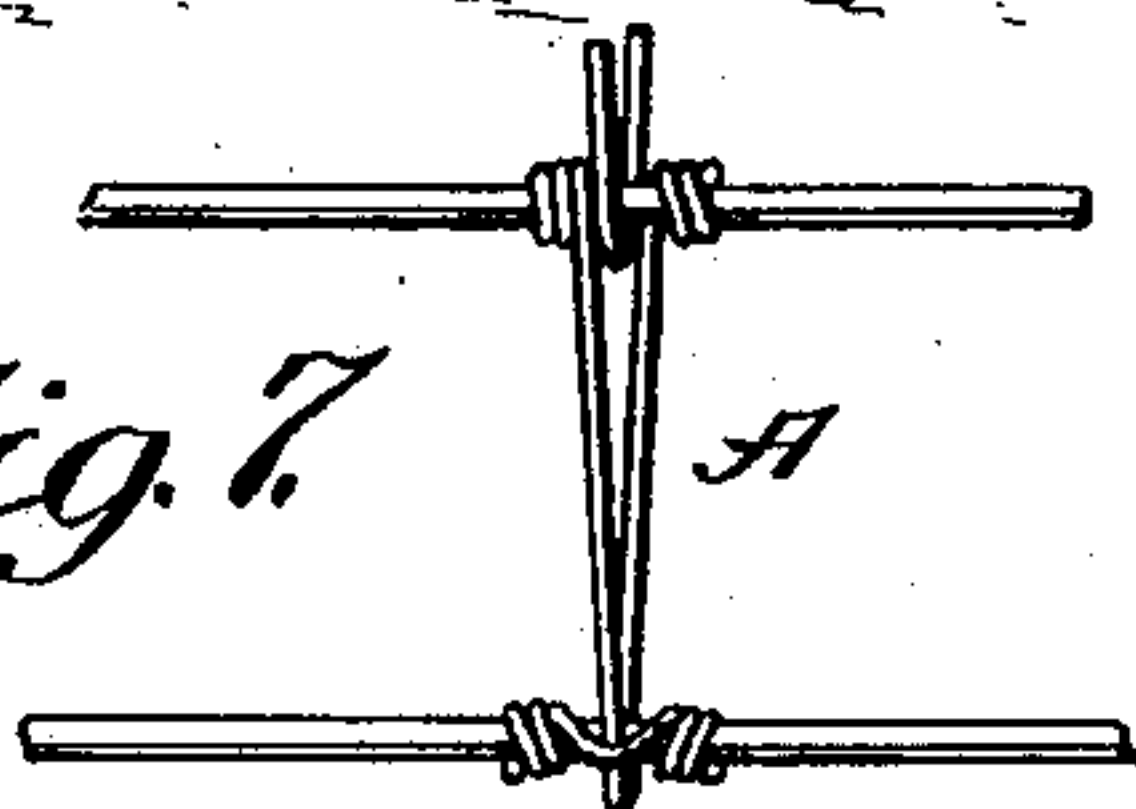


Fig. 7.



Witnesses
C. E. Hett.
E. M. Lyons

Inventor
Scott W. Yarlot
By Frank J. Appelman
Attorney

UNITED STATES PATENT OFFICE.

SCOTT W. YARLOT, OF NEY, OHIO.

STAY-WIRE FOR FENCES.

SPECIFICATION forming part of Letters Patent No. 678,087, dated July 9, 1901.

Application filed October 6, 1900. Serial No. 32,238. (No model.)

To all whom it may concern:

Be it known that I, SCOTT W. YARLOT, a citizen of the United States of America, residing at Ney, in the county of Defiance and State of Ohio, have invented certain new and useful Improvements in Stay-Wires for Fences, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to wire fences, and particularly to that class known as "stays."

The object of the invention is to provide novel means for connecting the wires of a fence to prevent sagging and stretching.

15 Furthermore, the object of the invention is to provide a stay-wire which will permit a certain amount of movement of the strands which comprise the fence toward each other without affecting the relation of the strands
20 and the stays, or, in other words, the arrangement is such that the strands embraced by the loops of the stays are allowed free longitudinal and vertical movement.

Further, the object of the invention is to
25 provide a combined stay-wire and guard and also a guard without the stay-wire, said guards being designed for the purpose of holding the links in an approximately vertical plane that each panel may have a series of links uniformly positioned.

A further object of the invention is to provide against bending of the stay-wires in case any of the strands are made to approach each other, it being well understood that where the
35 strands are confined in the loops of the stay-wires said stays will bend when the strands are made to approach and the parts will not then resume their normal position.

Finally, the object of the invention is to produce a guard and, in combination therewith,
40 two (2) stay-wires, which are confined by a single guard.

With the above and other objects in view the invention consists in the details of construction and the arrangement and combination of parts, to be hereinafter more fully set forth and claimed, whereby a fence is produced which will possess advantages in points of strength, durability, and efficiency.

50 In describing the invention in detail reference will be had to the accompanying drawings, forming part of this specification, where-

in like characters denote corresponding parts in the several views, and in which—

Figure 1 is a view in elevation showing a section of a fence embodying the invention and showing the combined guard and stay. Fig. 2 is a similar view showing a modified stay. Fig. 3 is a perspective view of a guard. Fig. 4 is a side view of a stay-wire. Fig. 5
60 is a view in perspective of a wire and guard. Fig. 6 shows the application of a guard for retaining two stay-wires. Fig. 7 is a view showing stays of modified construction.

In these drawings, 1 indicates a post, and
65 2 the wire strands comprising the fence. The guards 3 have their ends coiled around the stay-wires, the central portion of said guards being bent outward from the strands, so as to confine the stay-wires between the coiled
70 portions, the central portion, and the strands.

The stay-wires extend downwardly in loops from the strands above the one on which the guard is secured and upwardly from the one below the strands on which the guard is secured, and each of the loops embraces the strands on which the guards are secured and are confined by said guard, as fully shown in the drawings. Another arrangement of the stay-wires is shown at A, in which the ends
80 of the stay are coiled around strands of the fence with the loops embracing the strand next below, the said loops being guarded by the coils of the next succeeding stay-wire, while the lower stay-wires are confined by
85 guards similar to those heretofore described. As shown in section B, a combined guard and stay-wire is employed in which one end of each stay-wire is coiled around a strand, then looped slightly to form a guard, and then
90 coiled again about the stay-wire and looped about the next succeeding strand with the end brought back and coiled on the stay-wire, as shown in the drawings. In this last arrangement I prefer to use a guard on either
95 the upper or lower strand, according to the way the stays extend.

The advantages of this invention will, it is thought, be understood from the foregoing description, it being noted that changes in
100 the proportion and details of construction may be resorted to without departing from the scope of the claim.

Having fully described the invention, what

I claim, and desire to secure by Letters Patent, is—

5 In a stay-wire for fences, the combination with the strands, of stays each comprising a piece of wire twisted on a strand, then curved to form a guard, and again twisted on the strand and looped over the next succeeding strand, the guard of one wire standing at an

opposite angle to that immediately below, as and for the purpose described. 10

In testimony whereof I affix my signature in the presence of two witnesses.

SCOTT W. YARLOT.

Witnesses:

I. S. ANSBURY,
C. C. NOTT.