

(No Model.)

W. ROBBINS.
WIRE FENCE STAY.

No. 586,715.

Patented July 20, 1897.

Fig. 1.

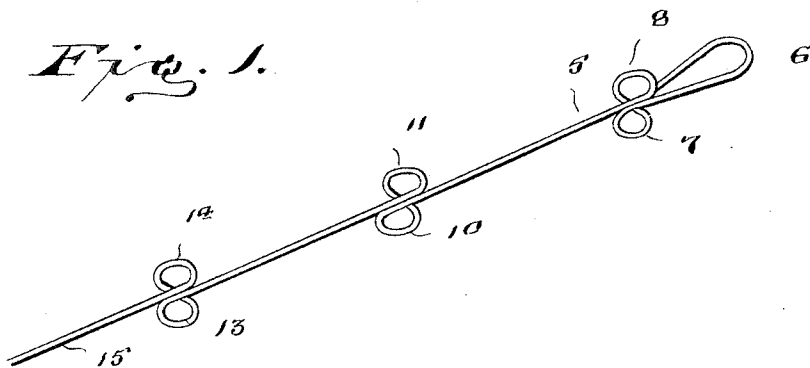
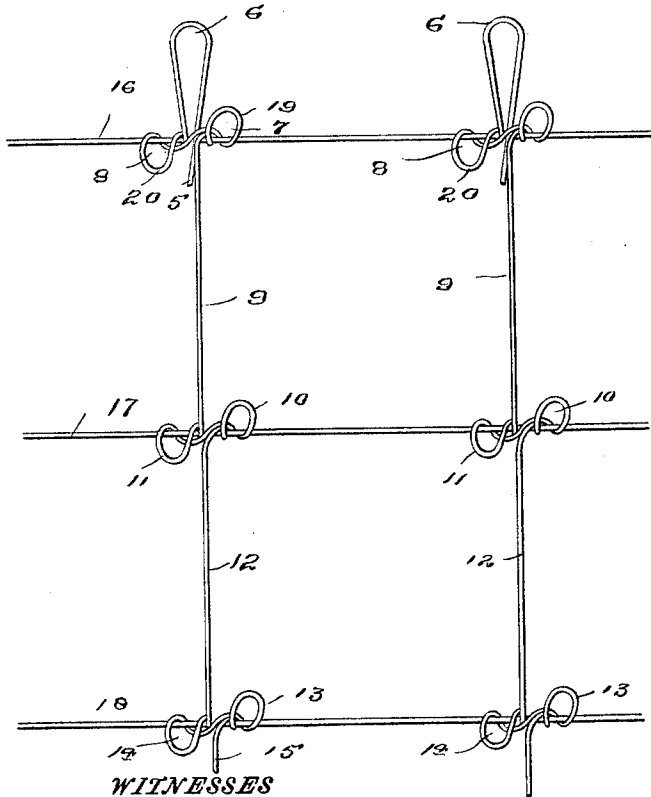


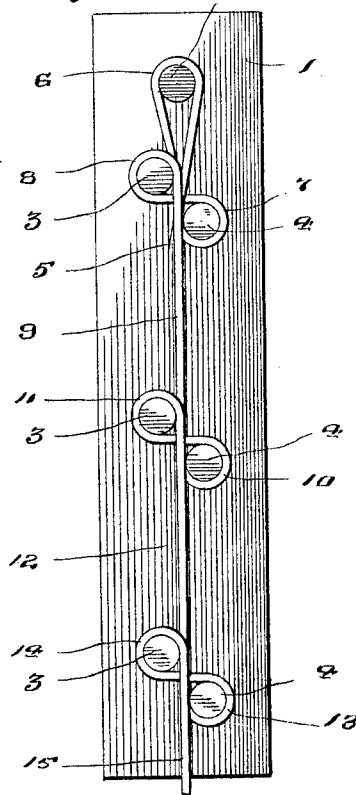
Fig. 3.



WITNESSES

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Fig. 2.



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WIRE-FENCE STAY.

SPECIFICATION forming part of Letters Patent No. 586,715, dated July 20, 1897.

Application filed August 31, 1896. Serial No. 604,441. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM ROBBINS, a citizen of the United States, residing at Leipsic, in the county of Putnam and State of Ohio, have invented certain new and useful Improvements in Wire-Fence Stays; and I 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.

My invention relates to wire-fence stays.

My object is to provide an extremely simple and cheap wire stay for wire fences which can be readily formed and quickly and easily applied, being ornamental in appearance and adapted to "stay" the fence in a highly satisfactory manner.

Having this object in view my invention consists of a wire-fence stay of novel and peculiar construction, as will appear more fully hereinafter in the following description and appended claims and in the accompanying drawings, in which—

Figure 1 is a perspective view of my improved stay immediately after the same has been formed; Fig. 2, a front end view showing the stay after formation, but in position on the forming board and pegs; and Fig. 3, a front view of a section of fence, showing the stay applied thereto.

Referring now to Figs. 1 and 2, here the forming-board is designated by the numeral 1. At the top of the forming-board there is located a round peg 2. Suitable distances are marked off on this board vertically the same as the distance between the fence-wires, and on the opposite side of each marking there are located two round pegs 3 and 4, which are inclined in relation to an imaginary line drawn down from the top peg 2 between them, said imaginary line representing the length of the stay. As many of these sets of forming-pegs can be employed as desirable, this varying according to the number of horizontal wires of the fence.

In manufacturing or forming the wire-fence stay one end 5 thereof is first placed between two forming-pegs of the uppermost set. The wire is then bent around the top of the peg 2 into a loop 6. It is then brought down between the two pegs, looped around peg 4, as at 7, crossed over underneath the

parts previously formed, bent around peg 3 into another loop 8, and then passed down again between the pegs to form the stay portion. This stay portion passes down through the intermediate set of pegs, is looped around peg 4, as at 10, crossed over and looped around peg 3, as at 11, and again brought down between the pegs to form the stay portion 12. This stay portion passes down between the lowest set of pegs, is looped around peg 4, as at 13, crossed over as before, and formed into another loop 14 around peg 3. It is then brought down between the pegs and made into the end 15. The forming-board can be of any size, shape, and thickness and the pegs can be made of any material, and hence it will be seen that this forming device can be constructed with the expenditure of but little time, labor, and expense.

Referring now to Fig. 3, here the numerals 16, 17, and 18 designate three horizontal fence-wires, named in their order from top to bottom. After the fence-stay has been removed from the forming device it is turned over and placed against the horizontal fence-wires, in vertical relation thereto, with the top loop 6 at the top of the fence. Upper loop 7 is bent under the upper fence-wire and down again in front thereof, making a complete turn, as shown at 19. Upper loop 8 is bent up over the upper fence-wire and then down back thereof, making a complete bend, as shown at 20. This manner of bending is carried out with the second set of loops 10 and 11 and the third set of loops 13 and 14. When thus applied to the horizontal fence-wires the stay strongly braces them, and as it is ornamental when bent an attractive fence is provided.

Slight and immaterial changes of construction might be resorted to in carrying out my invention without detracting from any of its advantages, and hence it is to be understood that I consider myself entitled to all such variations as properly come within the spirit and scope of the invention.

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

1. The combination with fence-wires, of a stay made from a single piece of wire which is bent into loops arranged in sets at inter-

vals along said stay and the loops of each set being wrapped around its fence-wire in opposite directions.

2. The combination with fence-wires, of a stay made from a single piece of wire which is formed into sets of loops located opposite and inclined in relation to the length of the stay, the loops of each set being wrapped around its fence-wire on opposite sides of the body of the stay.

3. The combination with fence-wires, of a stay constructed of a single piece of wire

which is formed into sets of loops located opposite each other and into an uppermost top loop and a lower or downwardly-projecting portion, the loops of each set being wrapped around its fence-wire in opposite directions.

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

WILLIAM ROBBINS.

Witnesses:

A. A. SLAYBAUGH,
O. N. AGNES.