

(No Model.)

L. WYSSINGER.
WIRE FENCE.

No. 569,906.

Patented Oct. 20, 1896.

Fig. 1.

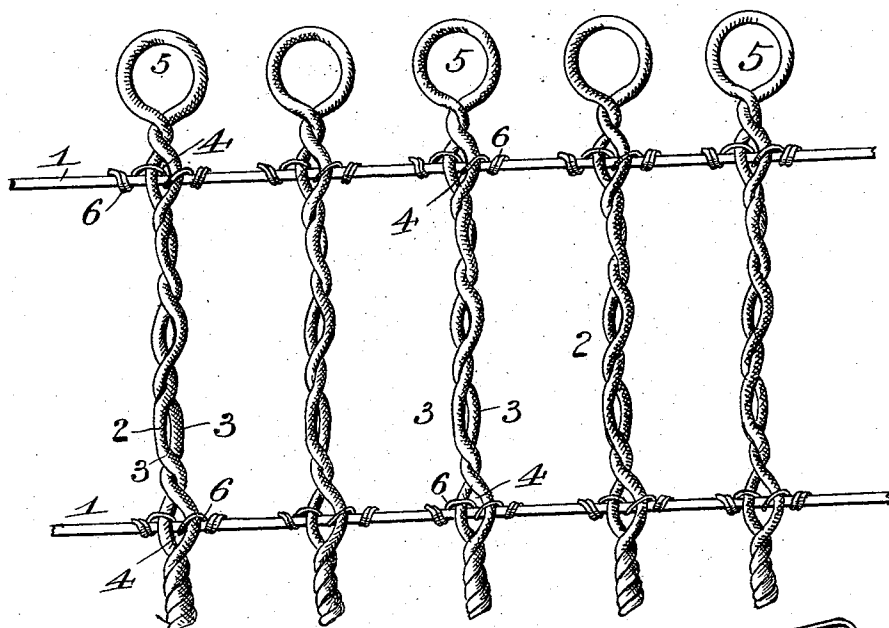


Fig. 4.

Fig. 3.

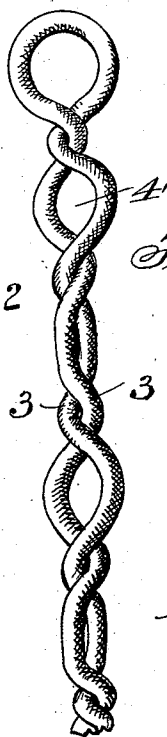
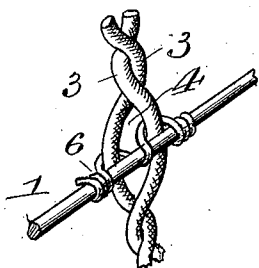


Fig. 2.

Witnesses:

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Inventor:

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UNITED STATES PATENT OFFICE.

LEONARD WYSSINGER, OF LEITERSBURG, MARYLAND, ASSIGNOR OF ONE-HALF TO CHARLES CLAYTON ZEIGLER, OF SAME PLACE.

WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 569,906, dated October 20, 1896.

Application filed April 24, 1896. Serial No. 588,949. (No model.)

To all whom it may concern:

Be it known that I, LEONARD WYSSINGER, a citizen of the United States, and a resident of Leitersburg, in the county of Washington and State of Maryland, have invented certain new and useful Improvements in Wire Fences; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to improvements in twisted-wire fence-stays and means for fastening them to the horizontal wires of a fence; and its object is to provide a stay which shall be very economical in construction and strong and durable in use and which can be readily secured to the wires of a fence.

The invention consists in the novel construction and combination of parts hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is an elevation of a fence, showing the stays thereof constructed in accordance with my invention. Fig. 2 is an elevation of the stay detached, on an enlarged scale. Fig. 3 is a similar view of the stay-fastener. Fig. 4 is a detail perspective view showing the manner of securing the stay to the horizontal wire.

In the said drawings, the reference-numeral 1 designates the horizontal wires or strands, which may be of any ordinary or suitable construction, as they form no part of the present invention.

The numeral 2 designates the stays, each formed of a single piece of wire bent over at the center, forming arms 3, which are then twisted in opposite directions from the center and at points intermediate to the ends are formed with large loops 4 for the passage of the fastener, hereinafter described, and with small loops between the large loops to receive a bar or rod for twisting the wires for the purpose of tightening the same. The upper ends of the stays are also formed with a loop 5.

The numeral 6 designates the fastener, consisting of short pieces of small wire bent over into U shape, forming arms 7. The stays and fasteners are made by machinery which it is not necessary to here describe.

In connecting the stays with the horizontal wires they are held in a vertical position, with the loops 4 thereof registering with the said wires. One of the arms of the fastener is then passed through one of the loops 4 and the ends of the arms then bent backward around the fence-wire at opposite sides of the stay and the ends then coiled or wound around the said wire.

A stay constructed as above described will be very strong, as the arms thereof being twisted in opposite directions between the loops for the fence-wires from the center toward the loops they will be much stiffer than if wound in the same direction from end to end; and in case the wires of the stays should become slack and sag they can be readily tightened by inserting a rod or wire in the same loops and turning or rotating the same.

The stays and fasteners are very simple in construction and can be readily manufactured by machinery, thus enabling them to be produced at a small cost. The stays can also be readily secured to the fence-wires without the aid of special tools and not requiring the services of skilled workmen.

Having thus fully described my invention, what I claim is—

In a wire fence, the combination with the plain, single horizontal wires and the double stay consisting of a single piece of wire bent over at the center forming a loop and two arms and said arms twisted together in opposite directions and formed with a number of large loops registering with the fence-wire and with smaller loops therebetween to receive a twisting-tool, of the fasteners consisting of a single piece of wire bent at its center forming two parallel arms which are extended through said large loops above and below the horizontal wires so as to embrace the same and said arms then bent outwardly in opposite directions over the wires of the stay and the ends twisted around the horizontal wires, substantially as described.

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

LEONARD WYSSINGER.

Witnesses:

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O. V. MIDDLEKAUFF.