

No. 649,827.

Patented May 15, 1900.

J. B. ENGSTROM.  
WOVEN WIRE FENCE.

(Application filed Sept. 29, 1899.)

(No Model.)

Fig. 1.

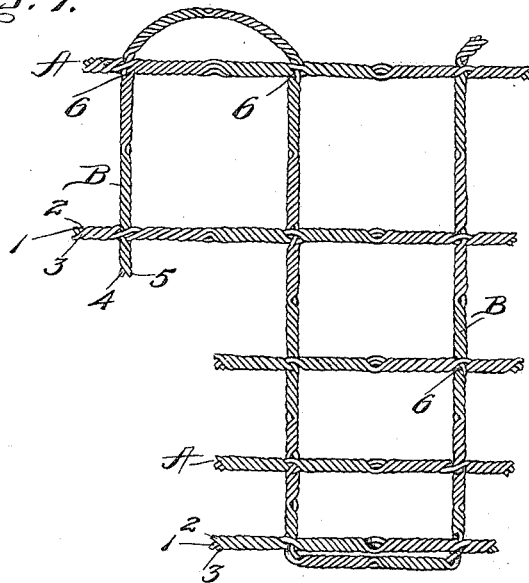
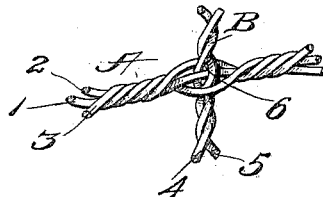


Fig. 2.



Witnesses

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# UNITED STATES PATENT OFFICE.

JACOB B. ENGSTROM, OF MANCHESTER, IOWA.

## WOVEN-WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 649,827, dated May 15, 1900.

Application filed September 29, 1899. Serial No. 732,062. (No model.)

*To all whom it may concern:*

Be it known that I, JACOB B. ENGSTROM, a citizen of the United States, residing at Manchester, in the county of Delaware and State of Iowa, have invented certain new and useful Improvements in Woven-Wire Fences; and I do 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.

The invention relates to improvements in woven-wire fences; and the object of the invention is to improve the construction and increase the strength and durability of the fence without departing from the simplicity or increasing the cost.

To this end the invention consists in the peculiar employment of triplicate fence-wires in combination with continuous duplicate stay-wires, as will be hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a front elevation of a section of a wire-fence embodying my invention. Fig. 2 is an enlarged perspective view of one of the lock-joints formed at each of the meeting-points of the fence and stay wires.

In the drawings the same reference characters indicate the same parts of the invention.

A A denote the parallel horizontal fence-wires, and B the continuous stay-wire. Each fence-wire consists of three strands 1, 2, and 3, and the continuous stay-wire consists of two strands 4 and 5, which are twisted and

form the eyes 6 6 at certain predetermined and regular intervals, as shown.

By referring to Fig. 2 it will be seen that the three strands of the fence-wire are first twisted together cable fashion, the center strand 1 passing through the eye 6 in the stay-wire, while the remaining strands 2 and 3 pass outside and on opposite sides of the said loop, and the three strands are then twisted together again on the opposite side from which they met the stay-wire.

It will of course be understood that various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus described the invention, what is claimed, and desired to be secured by Letters Patent, is—

A woven-wire fence comprising a vertical stay-wire consisting of two strands twisted to form eyes, and a horizontal wire consisting of three strands twisted, one of which is passed through, and the other two on the outside of, said eyes in the stay-wire, substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JACOB B. ENGSTROM.

Witnesses:

W. H. JAMES,

FRED B. BLAIR.