(No Model.)

C. C. CARTER.

WIRE FENCE.

No. 588,896. Patented Aug. 24, 1897.

Fig. 1.

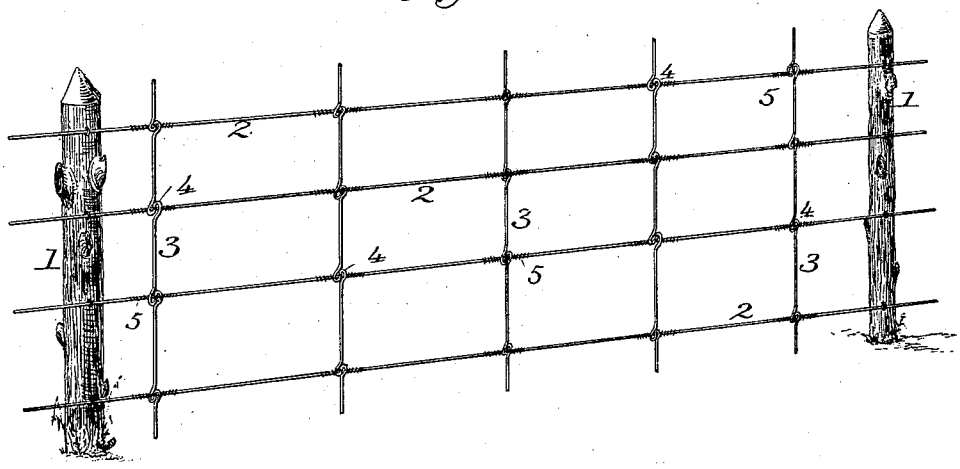


Fig. 2.

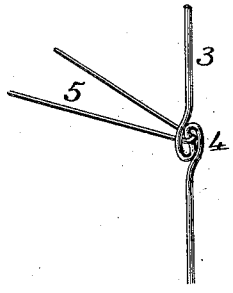
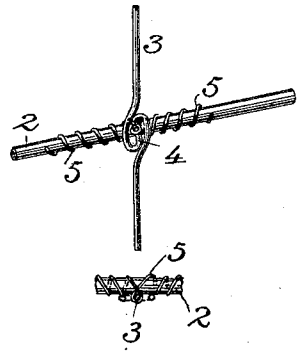


Fig. 3.



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UNITED STATES PATENT OFFICE.

CYRUS C. CARTER, OF NEELYVILLE, ILLINOIS.

WIRE FENCE.

SPECIFICATION forming part of Letters Patent No. 588,896, dated August 24, 1897.

Application filed November 17, 1896. Serial No. 612,412. (No model.)

To all whom it may concern:

Be it known that I, CYRUS C. CARTER, of Neelyville, in the county of Morgan and State of Illinois, have invented certain new and useful Improvements in Wire Fences, of which the following is a specification, reference being had to the accompanying drawings, and to the numerals of reference marked thereon.

My invention relates to wire fences, the object being to produce a light, strong, and cheap structure adapted to be placed around fields, pastures, and the like to form a durable effective barrier.

In the accompanying drawings, Figure 1 is a perspective view of a portion of a fence constructed in accordance with my invention. Figs. 2 and 3 represent details.

Similar numerals of reference indicate similar parts in the respective figures.

1 1 are posts, here shown as of wood, but they may be constructed of metal or other desired material. Secured to the posts, by staples or otherwise, are several strands of wire 2, arranged in parallel relation to each other and securely united, in a manner hereinafter described, to the wires 3, which stand in vertical lines. Each wire 3 is formed with a double loop 4, opposite each strand 2, as shown in Figs. 2 and 3. Through each of the loops 4 is passed a U-shaped fastening-wire 5.

In constructing my improved fence the strands 2 are first stretched and spaced suitable distances apart and the wires 3 applied thereto. The ends of the fastening-wires 5 are first given a twist around each other and then wound around the strand on opposite sides of the loop 4, as clearly seen in Fig. 3. This is done at each intersection of the wires 3 and strands 2.

As thus constructed the fence will be rigid and offer great resistance against up or down strain or movement, and the strands 2 being tied together by the wires 3 all the members entering into the construction of the fence mutually support each other.

In a fence of this character there is a great saving of posts, for where the ground is practically level three or four posts will be sufficient for a quarter of a mile. Another advantage is that the wire fence may be taken down, rolled up, and carried from place to place, or the wires may be separated, if desired. Furthermore, there are no wooden slats to swell in wet weather or rot, thus causing the fence to slacken, and no costly tools or great amount of skill are required in its erection, as it may be put up by any farmer with an ordinary pair of pincers. Another important feature is that each strand is drawn tight before the vertical wires are put up, and there are no crooks or bends at the crossings of the wires to become straightened and cause the fence to sag. The cross or vertical wires may be put at any convenient distance apart, according to the kind of stock for which the fence is intended as a barrier.

Having thus described my invention, what I claim is—

In a fence of the character described, the combination of a series of horizontal strands of wire, a series of vertical wires each having a flat double loop at the point of crossing a horizontal strand, the vertical wires, with their loops, being arranged wholly on one side of the horizontal strands, and a tying-wire attached to the cross-piece of each double loop and twisted around itself, the ends of said tying-wire being then twisted around the horizontal strand on opposite sides of, and away from, the vertical wire, substantially as set forth.

In testimony whereof I have hereunto set my hand and seal this 15th day of October, 1896.

CYRUS C. CARTER. [L. S.]

Witnesses:
THOMAS WHITLOCK,
RICHARD F. MCCORMICK.