

C. H. SALISBURY.
BARBED FENCE WIRE.

No. 177,752.

Patented May 23, 1876.

Fig. 1

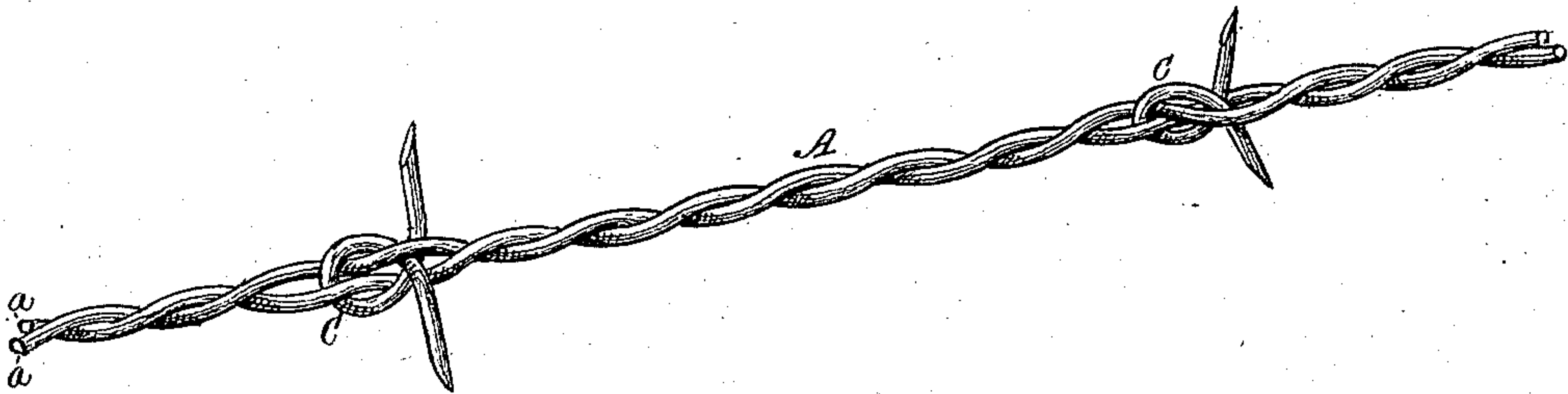
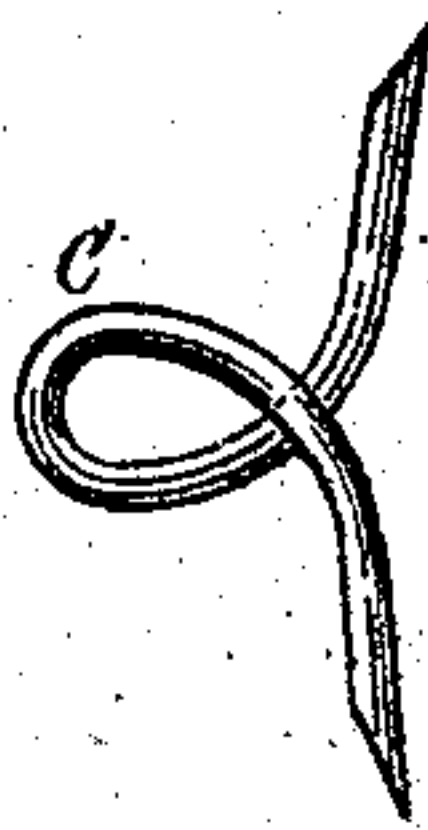


Fig. 2



WITNESSES:

Julius Wilcke
C. H. Sherburne

INVENTOR:

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UNITED STATES PATENT OFFICE.

CHARLES H. SALISBURY, OF DE KALB, ILLINOIS, ASSIGNOR OF ONE-HALF
HIS RIGHT TO JACOB HAISH, OF SAME PLACE.

IMPROVEMENT IN BARBED FENCE-WIRES.

Specification forming part of Letters Patent No. **177,752**, dated May 23, 1876; application filed
April 1, 1876.

To all whom it may concern:

Be it known that I, CHARLES H. SALISBURY, of De Kalb, in the county of De Kalb and State of Illinois, have invented certain new and useful Improvements in Barbed Fence-Wire; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 represents an isometrical view of a barbed fence-wire embodying my invention; and Fig. 2 represents an isometrical view of the barb detached.

Like letters of reference indicate like parts.

My invention relates to that class of fence-wire consisting of separate strands twisted together, and provided with sharp-pointed barbs, projecting laterally from the plane of the wire, for the purpose of preventing cattle, horses, and other animals from rubbing against the wires constituting the rails of the fence, and from attempting a passage through or between them; and my invention consists in the novel manner of securing the barbs to the wire, as hereinafter more fully described.

In the drawing, A represents the completed wire, formed of two strands, *a a*, of the requisite size to insure the necessary strength. C represents the barbs, each of which is made of a single piece of wire pointed at its ends and bent at its center, so that its ends cross each other and project in opposite directions, as shown in Fig. 2, forming an oval-shaped

loop, through which both strands of the twisted wire pass. The shape of this loop is such as to allow the separate strands to cross each other, and bear against opposite sides of the loop, and on alternate sides of the wire from which the loop is formed, by which means the loop is firmly secured in position between the strands by the twisting of the strands together between the loops respectively, and in such a position as to cause the pointed ends to project laterally from the plane of the twisted wire. The barbs are secured in place by first passing the parallel strands of wire through the loop, and in such a manner as to cause them to cross each other in a plane at a right angle to the plane of the loop, when the strands are twisted together between the loops, causing them to compress the loops and hold the loops in a fixed position.

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

The combination, with the strands *a a*, of the barb C, made of a single piece of wire pointed at its ends and bent at its center, so as to form a loop, the said strands passing through the loop and across each other, so as to bear against alternate sides of the loop, whereby the loop is firmly held in position by the twist of the strands, and so that its pointed ends project laterally from the plane of the twisted wire, as specified.

CHARLES H. SALISBURY.

Witnesses:

JACOB HAISH,
IRA V. RANDALL.