(No Model.)

J. HAISH.

BARB FENCE WIRE.

No. 332,252. Patented Dec. 15, 1885.

Fig. 1.

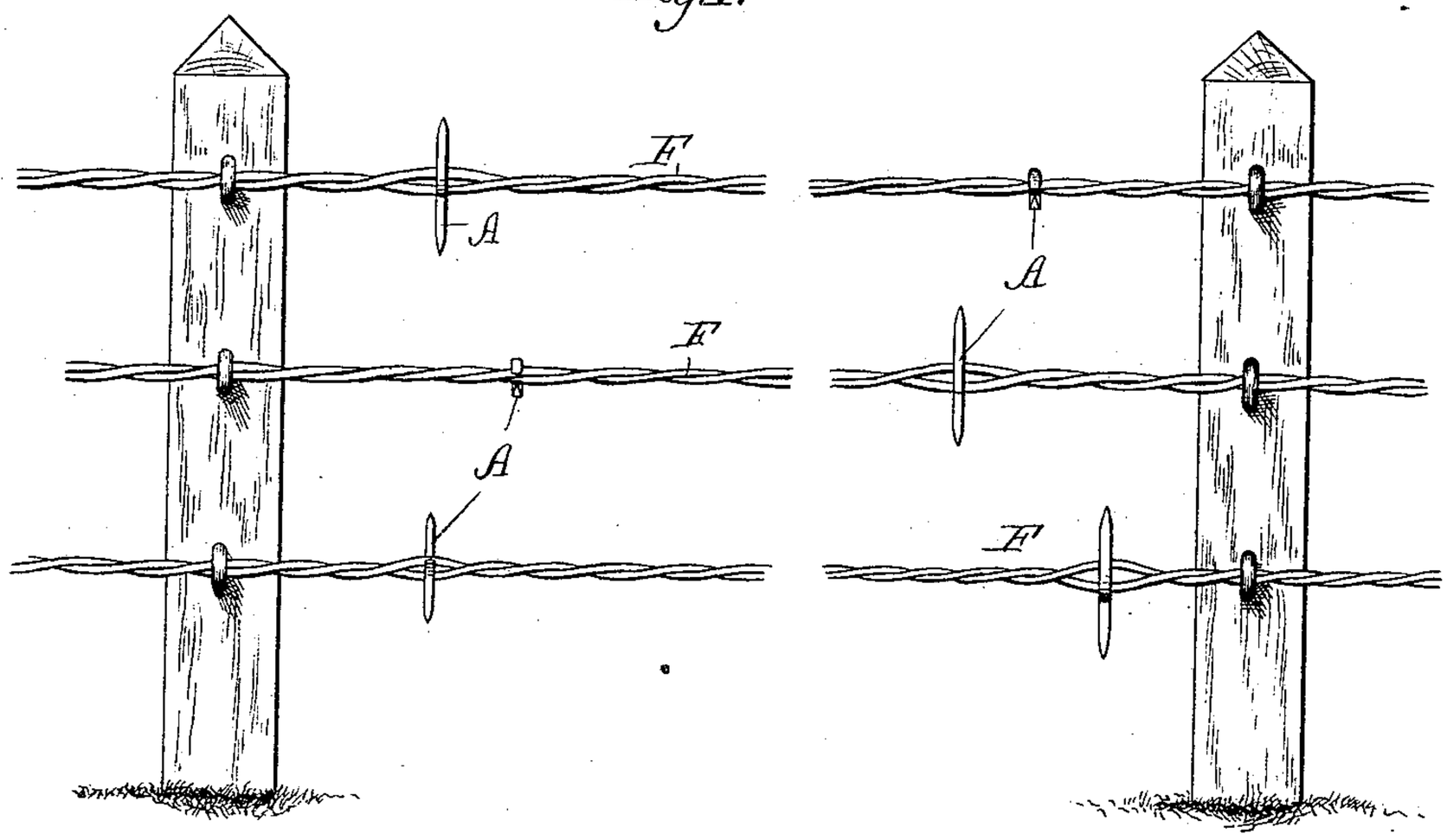


Fig. 2.

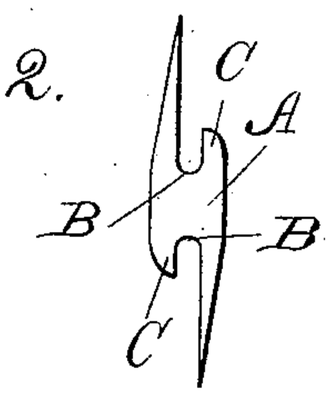


Fig. 3.

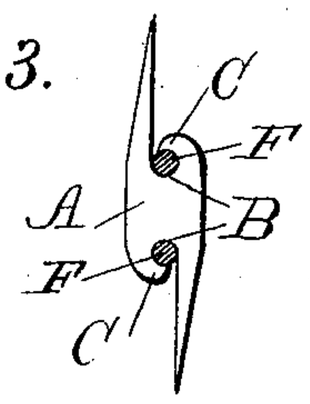
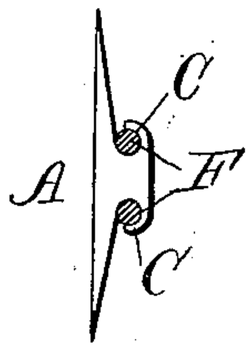


Fig. 4.



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UNITED STATES PATENT OFFICE.

JACOB HAISH, OF DE KALB, ILLINOIS.

BARB FENCE-WIRE.

SPECIFICATION forming part of Letters Patent No. 332,252, dated December 15, 1885.

Application filed February 16, 1883. Serial No. 85,277. (No model.)

To all whom it may concern:

Be it known that I, JACOB HAISH, of the city of De Kalb, county of De Kalb, and State of Illinois, have invented a new and useful Improvement in Barb Fence-Wires, of which the following is a full, clear, and exact description, which will enable others skilled in the art to which my invention appertains to construct and use said sheet-metal two-point cable fence-wire, reference being had to the accompanying drawings, a part hereof, in which—

Figure 1 is a section of my two-point sheet-metal barb-wire cable fence. Fig. 2 represents the form of the barb before the hereinafter-described lips C are compressed to embrace the wires. Fig. 3 is an end view of one of my barbs compressed upon and binding together the two wires forming the strand. Fig. 4 is a modified form of my invention, showing an end view of one of said barbs.

I am aware that two-point sheet-metal barbs for wire fences have been heretofore constructed in various ways, and I do not here claim, broadly, such invention.

My invention, however, consists of a peculiarly-constructed two-point sheet-metal barb, which must be secured upon and embraced in the fence-wire cable during the twisting or forming of said cable into a strand.

In the drawings, A represents a single barb, which can be most conveniently fashioned by stamping or cutting with dies. Upon both sides of this barb are openings B B, having projecting lips C C, so formed that such lips can be compressed or forced down and partially around the fence-wires F F. Said openings B B are simply of sufficient size to receive the fence-wires before the compression of the lips C C. This two-point sheet-metal barb is just as effective as a four-point barb and takes only about half as much metal in manufacture.

No coil is required to hold my two-point sheet-metal barb on the wire. It clasps the two wires sufficiently to prevent the separation of the wires if one is broken, and sufficiently to prevent any loosening or displacement of the barb, and a much looser twist of the wire can be thus had than with any other sheet-metal barb now in use. It does not coil around nor clasp the wire so closely that either the wires or the barb rust or corrode by the gathering and retaining of moisture. It can be made a very light barb, and it is equally effective. The two points of the barb project, preferably, from opposite sides of the strand.

By cutting the barb from diamond-shape blanks but a slight waste of metal is produced, which waste of metal will be no more than the waste occurring by punching two holes in a barb for the passing of two wires. If the barbs are cast, there will be no waste of metal.

My barbs can be easily placed on the wires from the side, and can be easily formed and fed between the wires automatically. They can be manufactured and sold as an article of merchandise to the trade, and the compression or setting of the lips C upon the wires can be easily accomplished in the forming of the strand by now well-known tools or mechanism.

There is no bending of the points of the barbs or liability of destroying or injuring them in attaching them to cable fence-wire, as above described.

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

A barb for wire fences, provided at each end with a point and a short projecting lip parallel thereto, the lips serving to clasp the strands of the fence-cable and hold them respectively against the ends of the body of the barb.

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