

(No Model.)

M. C. SHINN.
Barb for Wire Fences.

No. 238,447.

Patented March 1, 1881.

Fig. 1.

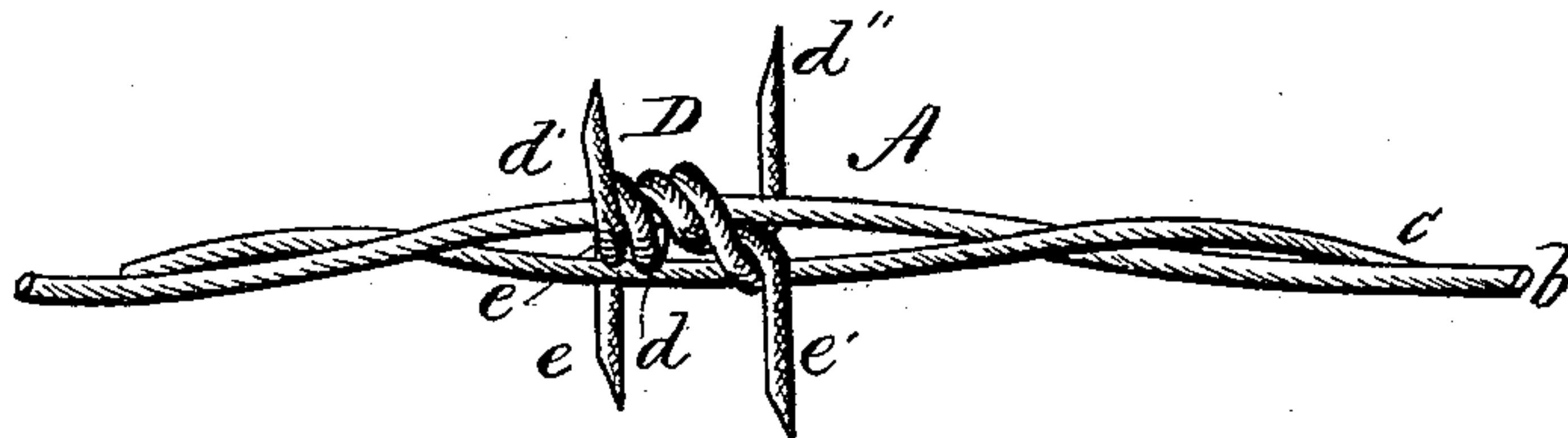


Fig. 2.

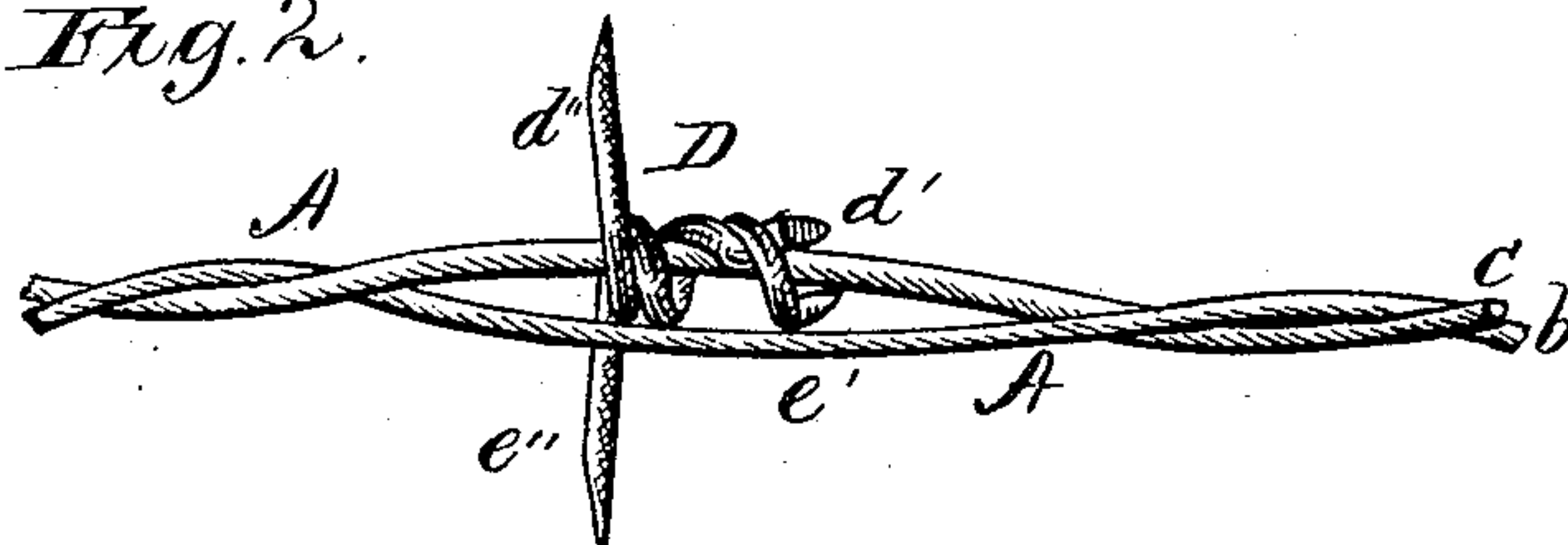


Fig. 3.

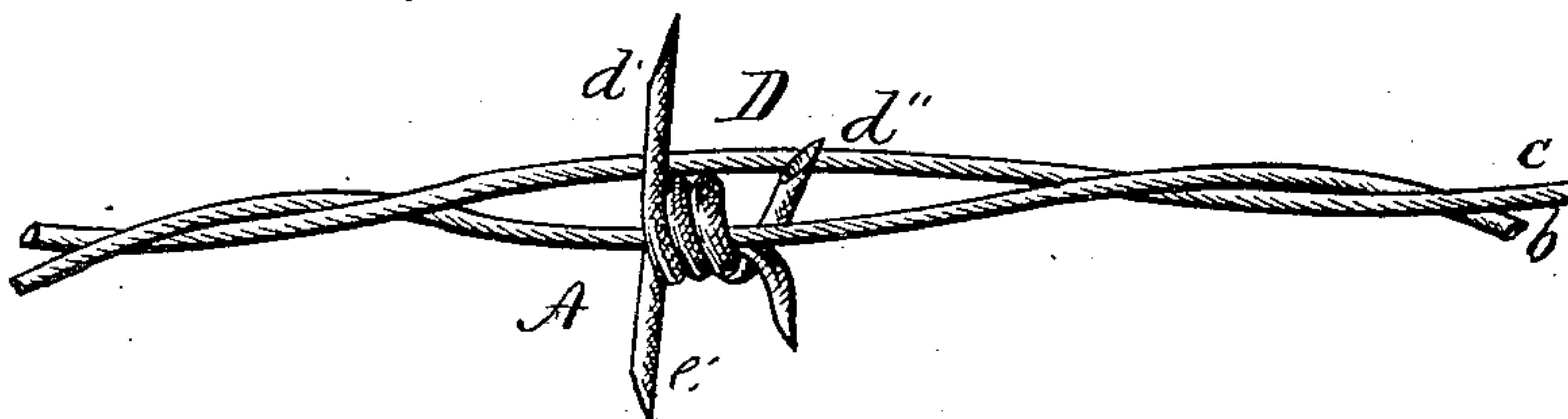
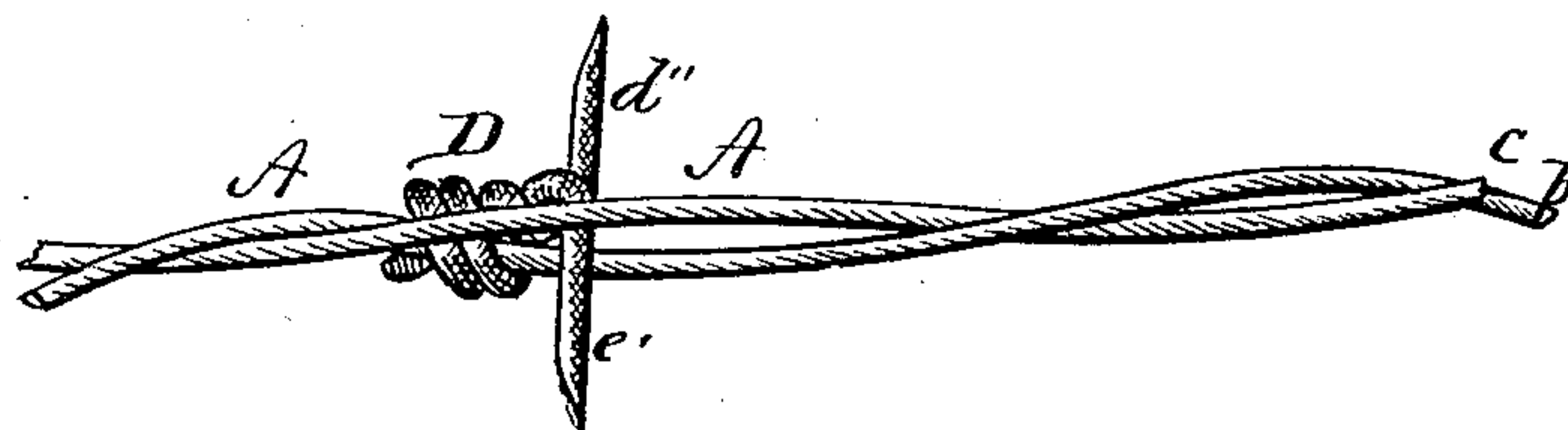


Fig. 4.



Witnesses,
F. L. Ouraud,
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UNITED STATES PATENT OFFICE.

MILTON C. SHINN, OF BURLINGTON, IOWA, ASSIGNOR TO THOMPSON
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BARB FOR WIRE FENCES.

SPECIFICATION forming part of Letters Patent No. 238,447, dated March 1, 1881.

Application filed November 11, 1880. (No model.)

To all whom it may concern:

Be it known that I, MILTON C. SHINN, a citizen of the United States, residing at Burlington, in the county of Des Moines and State of Iowa, have invented certain new and useful Improvements in Barbs for Wire Fences; and I do hereby 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, reference being had to the accompanying drawings, and to the letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 is a front elevation, showing the barb as in place on the cable. Fig. 2 is a front elevation, showing cable and barb turned quarter round from the position in Fig. 1. Fig. 3 is a like view, barb and cable turned one-quarter farther. Fig. 4 is a like view, the cable and barb turned one-quarter farther.

This invention is designed to produce a metallic barb for wire fences that can be easily put upon the wires, and will retain its position under all ordinary circumstances of wear and use, and will be very durable, all as will now be more fully set out and explained.

In the accompanying drawings, A denotes the fence-cable, preferably composed of two twisted strands or wires, *b* and *c*, and D the barb. This barb is made of the two short pieces of wire *d* and *e*. These two wires are of nearly equal length, and are closely wound interspirally around one of the cable-wires, and only crossing each other at one point; where they are made to interlock with each other for the purpose of being firmly united in one un-

changeable barb. The ends *d'* *d''* and *e'* and *e''* make the usual four-pointed barb. Thus the four points of the barb will be at right angles to the cable and the barb-wires will be twisted firmly and securely on the cable. The cable-wire *c* is twisted upon cable-wire *b* and the barb-wires, so as to bind the barb more firmly in place.

This peculiar method of forming the barb by twisting each of its wires firmly and securely about one of the cable-wires and intertwisting them together, but only bending them on each other at the point of locking, conspicuously indicates the great advantage and novelty of this invention.

This barb is easily and cheaply made, and is very durable, not being likely to wear out or come apart or change its position.

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

A four-pointed metallic fence-barb composed of two wires of nearly equal length, the two barb-wires being closely wound interspirally around one of the cable-wires of the fence and only crossing each other at one point, where they are made to interlock with each other for the purpose of being firmly united into one unchangeable barb, substantially as and for the purpose above described.

In testimony whereof I affix my signature in presence of two witnesses.

MILTON C. SHINN.

Witnesses:

J. H. BREMMERMAN,
H. F. ROBDA.