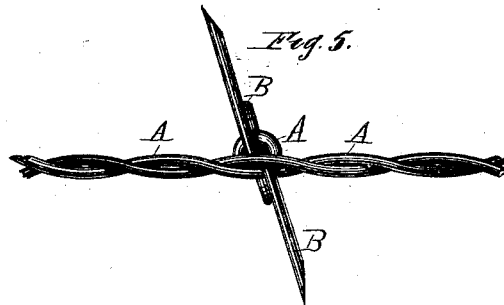
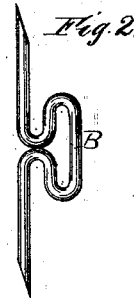
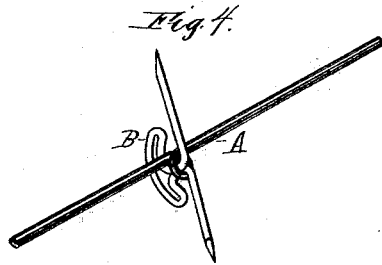
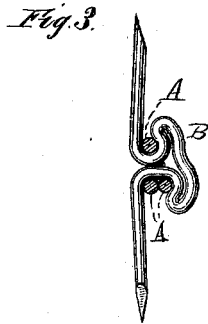
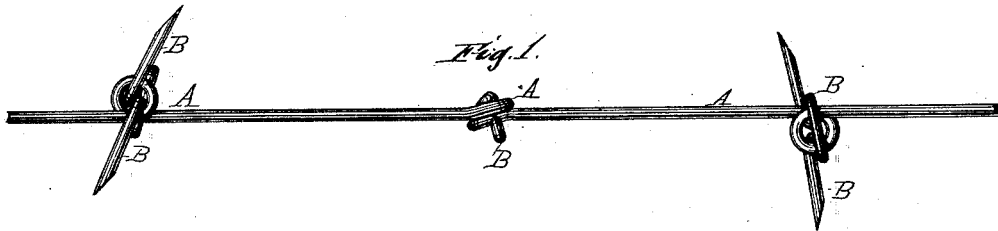


A. L. PITNEY.
Barbed Fence-Wire.

No. 208,538.

Patented Oct. 1, 1878.



Accepted:
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Inventor:
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UNITED STATES PATENT OFFICE.

ALBERT L. PITNEY, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN BARBED FENCE-WIRES.

Specification forming part of Letters Patent No. **208,538**, dated October 1, 1878; application filed September 6, 1878.

To all whom it may concern:

Be it known that I, ALBERT L. PITNEY, of Washington city, in the District of Columbia, have made certain new and useful Improvements in Barbed Fence-Wire, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Figure 1 is an elevation of a piece of barbed wire constructed in accordance with my invention, the barb being shown in front, edge, and rear view. Fig. 2 is an elevation of the barb detached, showing it as it appears before being secured to the wire. Fig. 3 is a similar view of the barb as it appears after being secured upon the wire, the position of the wire being indicated in section. Fig. 4 is a perspective view of the attached barb; and Fig. 5, an elevation, showing a second wire combined with the improved barbed wire.

Like letters in all the figures indicate corresponding parts.

The object of the invention is to so construct the barbed wire as that the barbs will not be capable of being detached under any circumstances of ordinary usage, and so that they may be readily secured in place; and to this end the invention consists in certain peculiarities of construction or arrangement, or combinations of parts, as will be hereinafter first fully described, and then pointed out in the claims.

A is the fence-wire, and B the barb to be secured thereto. The barb B is bent so that its pointed ends shall project outwardly in directions substantially parallel with its bent central portion, substantially as shown in Fig. 2. The wire A is then twisted once about the neck of the barb, and the central portion of the barb bent down so as to clamp the wire firmly, as plainly shown in Fig. 3. By this method

of uniting the barb and wire the barb is prevented from being moved along upon the wire or revolved about it or bent down parallel with it.

I am aware that it is not new to connect the barb with the wire by bending the former about the latter, and am also aware that double wires have heretofore been used in barbed fences.

In Fig. 5 I have shown a double wire, or a secondary wire twisted about my improved barbed wire. The main barbed wire is made as in the other figures, and then the secondary wire twisted thereon to add strength whenever desirable.

For bending the barb and twisting the wire thereon, I have devised suitable machinery, for which I propose to make a separate application for patent.

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

1. In combination with the fence-barb having a narrow neck, the wire twisted about said neck and clamped between the points and central portion of the barb, substantially as set forth.

2. In combination with a fence-wire, a barb secured thereon by wrapping or twisting the wire about the neck of the barb, substantially as shown and described.

3. In combination with a barbed wire in which the barbs are secured thereon by twisting the main wire about the narrow neck of the barb and clamping the wire, as described, a secondary or auxiliary wire wound about the first, substantially as shown and described.

ALBERT L. PITNEY.

Witnesses:

N. H. SHERBURNE,
WM. W. SHERBURNE.