

W. H. WAGER.
Barb-Wire for Fences.

No. 214,211.

Patented April 8, 1879.

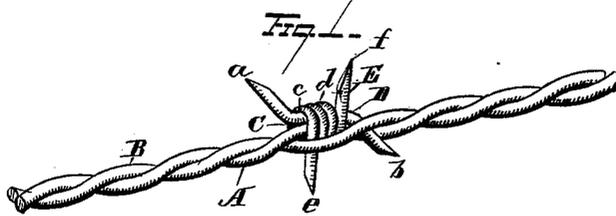


Fig. 2.

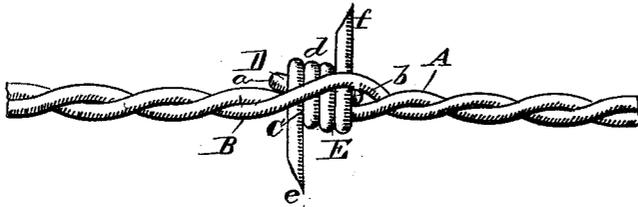
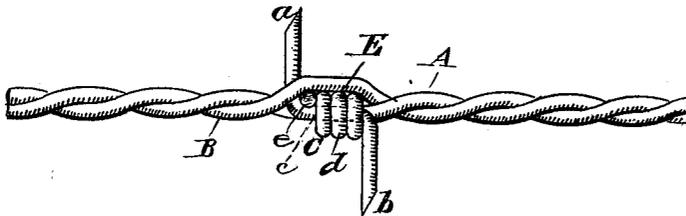


Fig. 3.



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UNITED STATES PATENT OFFICE.

WILLIAM H. WAGER, OF GENOA, ILLINOIS.

IMPROVEMENT IN BARB-WIRE FOR FENCES.

Specification forming part of Letters Patent No. **214,211**, dated April 8, 1879; application filed September 17, 1878.

To all whom it may concern:

Be it known that I, WILLIAM H. WAGER, of Genoa, in the county of De Kalb and State of Illinois, have invented certain new and useful Improvements in Barb-Wire for 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in barb-wire for fences, the object being to provide a wire composed of two strands, with four pointed barbs; and the invention consists in the peculiar construction and arrangement of the barb-wires, as will hereinafter be described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a view in perspective of a barb-wire embodying my invention. Figs. 2 and 3 are plan views of reverse sides of the wire.

A and B represent the two strands of wire, of any desired size and material, which are twisted into a single strand, as represented in the drawings. At any suitable distances apart the barbs C are secured to the twisted main wire in the following manner: The barbs C are each composed of the two barb-wires D and E. The barb-wire D is formed by bending the opposite ends *a b* thereof in opposite directions. Around the central portion, *c*, of the barb-wire D is placed the barb-wire E, which is formed with a central flattened coil, *d*, consisting of any number of spiral coils, and the ends of the coil bent outwardly in opposite directions, to constitute the barbs *e f*. The barb-wire D will only occupy part of the space within the flattened coil *d*, sufficient space being provided

therein for the insertion of one of the strands of the main wire.

The barb is attached to the main wire by passing one of the strands, A, through the flattened coil *d*, while the other strand, B, is passed between the ends *b f*, and then twisted with the strand A.

The barb-wire may be twisted around one of the strands of the wire, instead of being formed separately and the strand afterward inserted through the coil in the barb.

From the foregoing it will be observed that the barb is most securely locked to the strands of the main wire and the pointed ends of the barbs arranged to project in different directions. The ends of the barb-wires are inserted between the strands A B in opposite directions, and form a lock which secures them against displacement by any ordinary force.

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

A barb-wire consisting of the strands A B, twisted together and having the barbs C secured thereto, said barbs each formed of the bent wires D E, the wire E being formed with a flattened coil, which surrounds the strand A and the central portion *c* of barb-wire D, while the ends of the barb-wires are inserted between the strands A B in opposite directions, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 9th day of September, 1878.

WILLIAM HENRY WAGER.

Witnesses:

WILLIAM SAGER,
THEODORE G. KNOX.