

T. A. WEBER.
BARBED FENCE WIRE.

No. 182,976.

Patented Oct. 3, 1876.

Fig. 1.

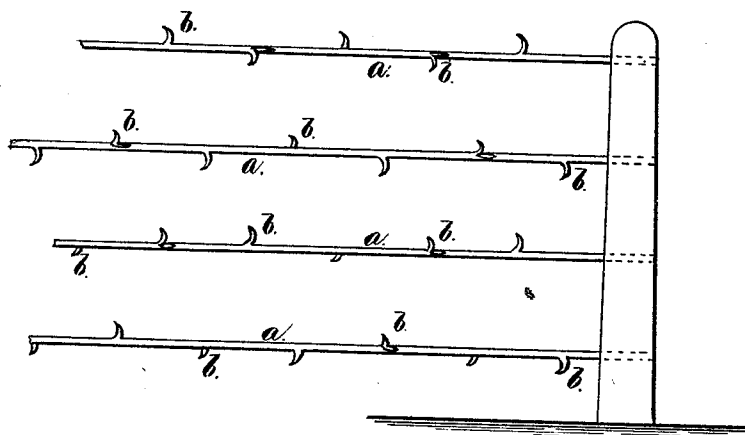


Fig. 2.



Fig. 4.



Fig. 3.



Witnesses.

Geo. A. Walker
Harold Perrell

Inventor.

Theodore A. Weber

per.

Lemuel W. Perrell
att.

UNITED STATES PATENT OFFICE.

THEODORE A. WEBER, OF NEW YORK, N. Y., ASSIGNOR TO JOSEPH H. WOODMAN, OF BENNINGTON, VERMONT.

IMPROVEMENT IN BARBED FENCE-WIRE.

Specification forming part of Letters Patent No. **182,976**, dated October 3, 1876; application filed September 4, 1876.

To all whom it may concern :

Be it known that I, THEODORE A. WEBER, of the city and State of New York, have invented an Improvement in Wire-Fences, of which the following is a specification :

Wire-fences have been made of two or more wires twisted together with barbs secured by said wires, such barbs serving to prevent cattle pressing upon the wire of the fence and injuring the same. In other wire-fences a strip of metal has been used with slots cut into the strips, and the pointed tongues thereby produced turned outwardly to form spikes. In these cases the ordinary round wire is not made use of, but a special metallic wire or strip is used.

My invention consists in a fence-wire that is channeled longitudinally, and the metal that is cut out of the channel is turned outwardly to form a spike. By this improvement I am enabled to form a barbed fence-wire out of an ordinary round or polygonal wire without any additional metal, and without materially lessening the strength of the wire.

In the drawing, Figure 1 is an elevation of a piece of said fence-wire. Fig. 2 is an elevation. Fig. 3 is a longitudinal section; and

Fig. 4 a cross-section, in larger size, of the wire and its barb.

The wire *a*, of ordinary size and character, is to be passed through a suitable machine, in which are dies for grasping the wire, and reciprocating cutters acting to cut a tapering channel longitudinally of the wire, and in so doing throw out a barb or spike, *b*. These are to be of greater or less length, and of the desired shape, and the cutter is to be made so as not to cut away the wire to weaken it unnecessarily. It will generally be preferable to cut and turn outwardly these spikes or barbs in two, three, or more ranges along the wire, so that when the wire is stretched the spikes may stand outwardly from the fence, and not project only above and below the wire.

I claim as my invention—

As a new article of manufacture, a fence-wire with the tapering spikes or barbs cut from the metal of the wire itself, and turned outwardly, leaving a tapering groove in the wire, substantially as set forth.

Signed by me this 13th day of July, 1876.

THEODORE A. WEBER.

Witnesses :

GEO. T. PINCKNEY,
GEO. D. WALKER.