L. H. McFARLAND.
Barbed Wire-Fence.

No. 198,135. Patented Dec. 11, 1877

Fig. 1.

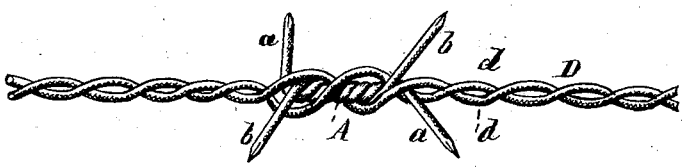


Fig. 2.

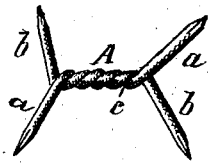


Fig. 3.

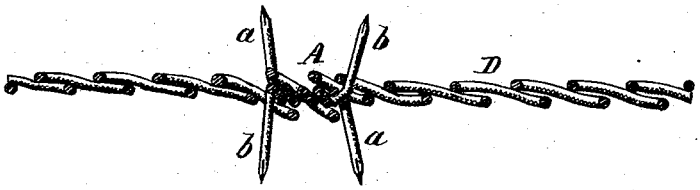
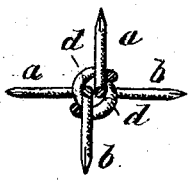


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

LEWIS H. McFARLAND, OF MARSHALLTOWN, IOWA.

IMPROVEMENT IN BARBED WIRE FENCES.

Specification forming part of Letters Patent No. **198,135**, dated December 11, 1877; application filed October 31, 1877.

To all whom it may concern:

Be it known that I, LEWIS H. McFARLAND, of Marshalltown, in the county of Marshall and State of Iowa, have invented certain new and useful Improvements in Barbed-Wire Fences, of which the following is a specification:

Figure 1 is a perspective, showing the wire fencing made according to present invention. Fig. 2 is a perspective view of the barbing independent of the fence-cable. Fig. 3 is a section through the cable and barbs. Fig. 4 is a plan view of the barbing, showing how its points project.

The object of this invention is to produce a strong and firm wire fencing, wherein the several parts shall be firmly secured to and on each other, so as not to have any rolling or twisting or other motion, except as a whole; and it consists, more particularly, in providing a barb of two parts, twisted on each other along their middle portions, the ends of each part projecting at right angles to those on the other, and the free end of one strand or part of the barb standing at right angles to that on the other end, all as will now be more fully detailed and explained.

The barb A is made of two short wires, *a b*, and so twisted on each other that their ends will project from the body *c* of the twist, say, three-quarters of an inch, more or less, as may be. Before twisting, the ends of each wire *a* or *b* will be set at right angles each to the other, and when the two wires are twisted on each other, as aforesaid, the projecting barbs at one end will be in nearly the same horizontal line and at right angles to those at the other. About the body or twist *c* of the barb thus made the wires *d d* (two or more) of the fence-cable D are twisted in such a way that the projections at one end of the barb shall, when the cable is put upon the posts, be adapted to point up and down in the same vertical line with the post, and those at the other end shall stand at right angles thereto.

By this construction a firm and strong barb is made, and is bound so securely into the cable as to be a component and almost identical part thereof. Thus, the barb will have no tendency to turn in position, or to move to the right or left on the cable, but will always be fixed and permanent in the position in which it is placed when the fence is made. These points are of the greatest moment in devices of this sort.

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

The wire fencing herein described, consisting of barb A, constructed as set forth, and combined with cable D, substantially as and for the purposes described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

LEWIS H. McFARLAND.

Witnesses:

JOHN M. GILCHRIST,

W. H. H. FRY.

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