

(No Model.)

J. POTTER.
BARBED FENCE.

No. 331,908.

Patented Dec. 8, 1885.

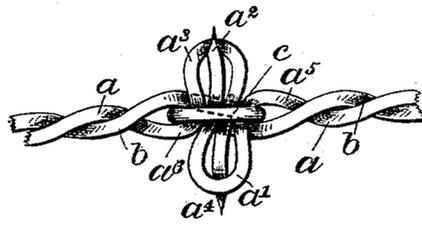


Fig. 1

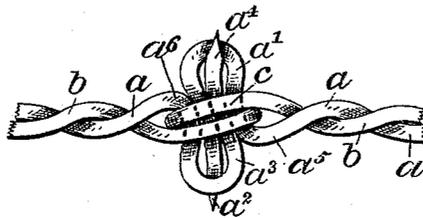


Fig. 2

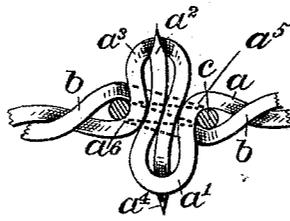


Fig. 3

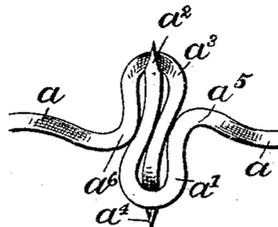


Fig. 4

Witnesses;

H. Louis Clark
C. C. Clark

Inventor

James Potter
per J. D. Clark
Attorney

UNITED STATES PATENT OFFICE.

JAMES POTTER, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF TO LEMUEL H. FLERSHEIM, OF SAME PLACE.

BARBED FENCE.

SPECIFICATION forming part of Letters Patent No. 331,908, dated December 8, 1885.

Application filed October 13, 1884. Serial No. 145,307. (No model.)

To all whom it may concern:

Be it known that I, JAMES POTTER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Protection Barb-Wire, of which the following is a specification.

My invention relates to a two-stranded barbed fencing-wire wherein one strand of the cable is cut, and from the cut ends the barb is formed, while the other strand is wrapped around and secures the bent ends, as herein-after more fully described.

Figure 1 represents a plan view of a section of my barbed wire complete. Fig. 2 represents a plan view of the opposite side of the section of barbed wire shown in Fig. 1; Fig. 3, a plan view of Fig. 1, with the loop *c* broken away, exposing the manner of uniting the barb-section with the main wire; Fig. 4, a separated plan view of the barb-section.

The object of my invention is to provide a substantial and elastic wire fence, and one that shall be effective as an animal-inclosure without cruelly pricking or harming the animals.

Similar letters refer to similar parts throughout the several views.

a and *b* represent a two-stranded wire cable, twisted together in the usual way. At certain intervals of space in the twist of the cable the strand *a* is cut and bent in reverse directions, described as follows: The end *a*² is bent down from the neck *a*³ and up again, forming the eye *a*¹. The other end of the wire, *a*⁴, is bent in the same manner, but in an opposite direc-

tion from the eye *a*¹, forming the eye *a*³. The two parts are then brought together, the point of juncture being at the necks *a*⁵ *a*⁶ of the strand *a*. Where they come together the four strands of the barb-section lie side by side. The strand *b* is coiled or bent once around these four strands, forming the loop *c*, which passes between the twist of the cable at either end of said section over the necks *a*⁵ *a*⁶, and so detains the barb-section in position, preventing it from slipping or moving in any direction, at the same time binding the main wires tightly together. The presence of the eyes on the barbs enables me to make the barb stronger, as also they prevent too deep penetration of the points into an animal encountering the same, while they are sufficiently long enough to give the required warning. This feature is desirable, because animals are often lacerated and sometimes seriously injured by very long barbs.

What I claim as new, and desire to secure by Letters Patent, is—

As an article of manufacture, the herein-described barbed wire, comprising the two twisted strands *a* *b*, strand *a* being cut to form barbs, and the ends of said strand bent and interlocked, as shown, and the strand *b* provided with loop or coil *c*, which closely wraps and secures together the said bent ends of strand *a*, substantially as described.

JAMES POTTER.

Witnesses:

H. LOUIS CLARK,
C. C. CLARK.