(Model.)

W. M. HARRIS.

BARB FENCE.

No. 258,914. Patented June 6, 1882.

Fig. 1.

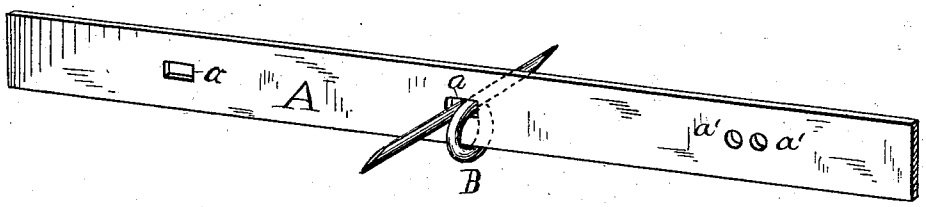
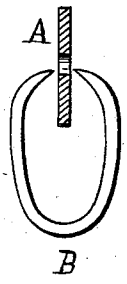


Fig. 2.



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UNITED STATES PATENT OFFICE.

WILLIAM M. HARRIS, OF MENLO, IOWA.

BARB-FENCE.

SPECIFICATION forming part of Letters Patent No. 258,914, dated June 6, 1882.

Application filed March 21, 1882. (Model.)

To all whom it may concern:

Be it known that I, WILLIAM M. HARRIS, a citizen of the United States of America, residing at Menlo, in the county of Guthrie and State of Iowa, have invented certain new and useful Improvements in Barbed 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 appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to that class of barbed fences which consist of a ribbon of steel or iron or a sheet-metal strip to which are attached in various manners barbs of wire; and my invention consists in certain features hereinafter described, and specifically set forth in the claim.

Figure 1 represents a ribbon having a barb attached in accordance with my invention, and Fig. 2 represents the barb in form to be attached to the ribbon. (Shown in section.)

Like letters indicate like parts in both figures.

A represents a ribbon, of steel or iron, or a strip of sheet metal, in which, at suitable distances apart, are formed oblong openings *a*, in length at least twice the diameter of the barb and in width at least once, or equal to the diameter of the barb B. The barb is formed of wire and pointed in the usual form, and is adapted to be applied with facility by being bent to the form shown in Fig. 2—that is, in substantially U shape, with the legs of the U inclined or pointing toward each other and at such a sidewise inclination that when compressed the legs will cross and lie in close position to each other, so that the manner of application to the barb is substantially as follows: The U-shaped barb, with the legs inwardly inclined, is by any suitable means presented over or under the ribbon and opposite one of the holes therein and at a right angle to its length. When the barb is compressed by suitable means the points of the barb are guided into the hole, and the compression is continued until the barb is firmly secured to the ribbon and its legs are passed through the same, its points extending in opposite directions, its legs lying in substantially the same horizontal plane, and its central portion is bound about the edge of the ribbon and against the sides thereof adjacent to and outside of the hole, as clearly shown in Fig. 1.

It is apparent that instead of a single oblong hole, two round holes, *a' a'*, adjacent to each other in a line parallel with the edge of the strip, or not, may be substituted and the barb-legs passed through them in opposite directions as readily, so that it may clasp either edge of the ribbon or a central portion thereof, and still project its points from opposite sides of the ribbon. This construction I should deem as embraced within my invention.

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

As an article of manufacture, a perforated sheet-metal strand provided with a wire barb, the central portion of which is bent about a portion of the strand at an angle to its length, the legs of which are disposed side by side therethrough, and the points of which are projected in opposite directions from opposite sides of the strand, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM M. HARRIS.

Witnesses:

J. M. C. HARRIS,

H. W. KELLOGG.