

J. BRINKERHOFF.  
Barbed-Fence.

No. 214,095.

Patented April 8, 1879.

Fig. 1.

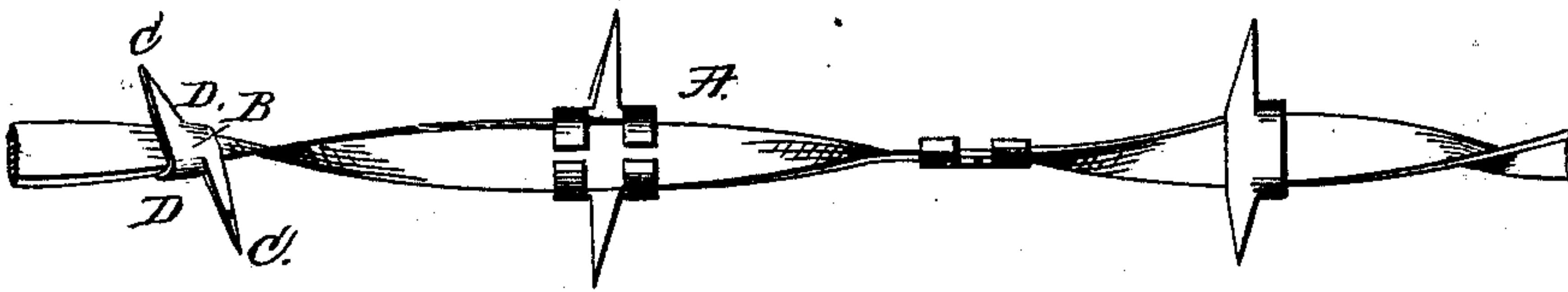


Fig. 2.

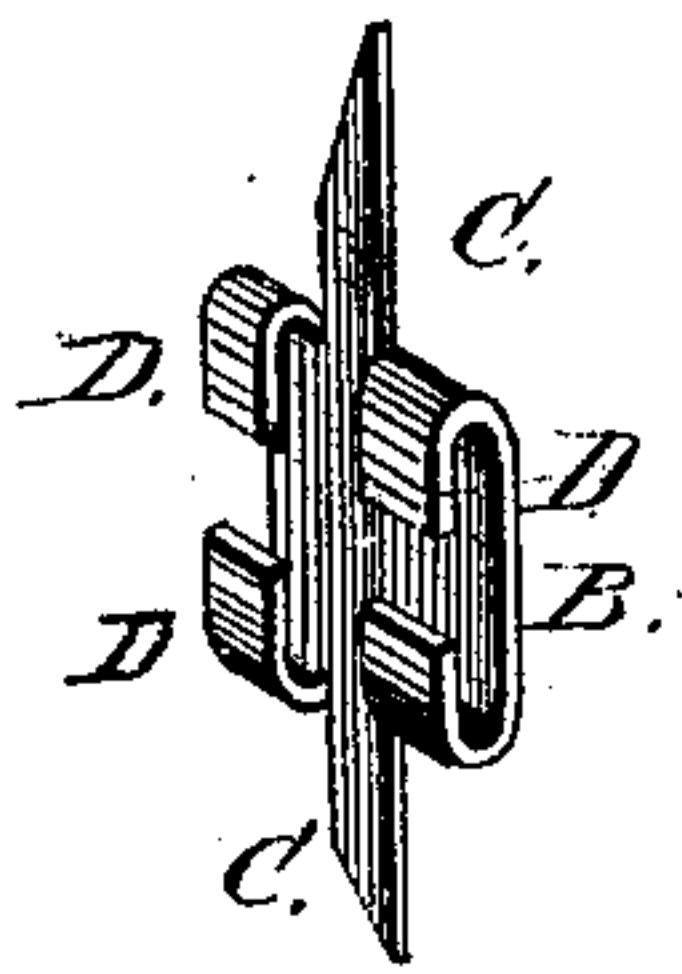


Fig. 3.

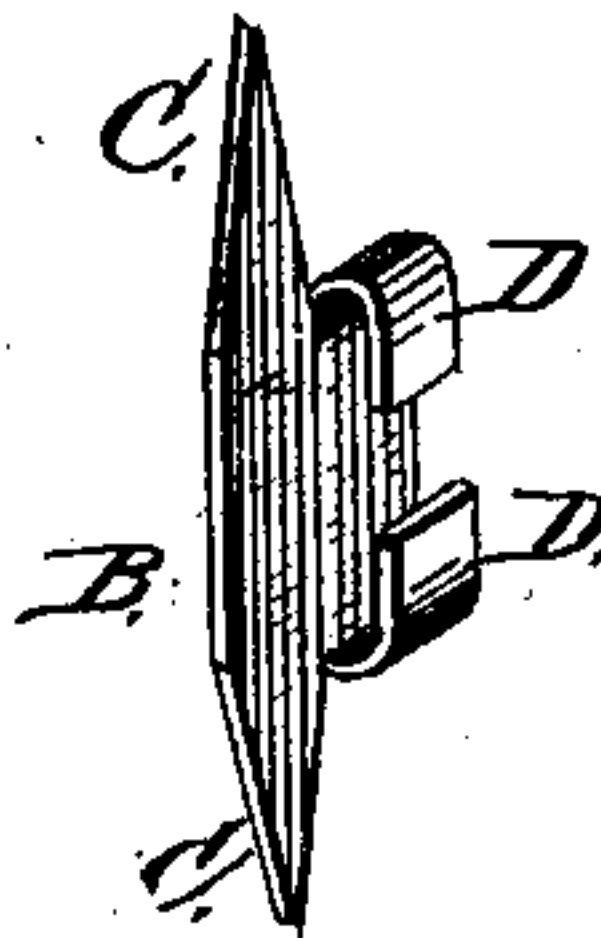


Fig. 4.

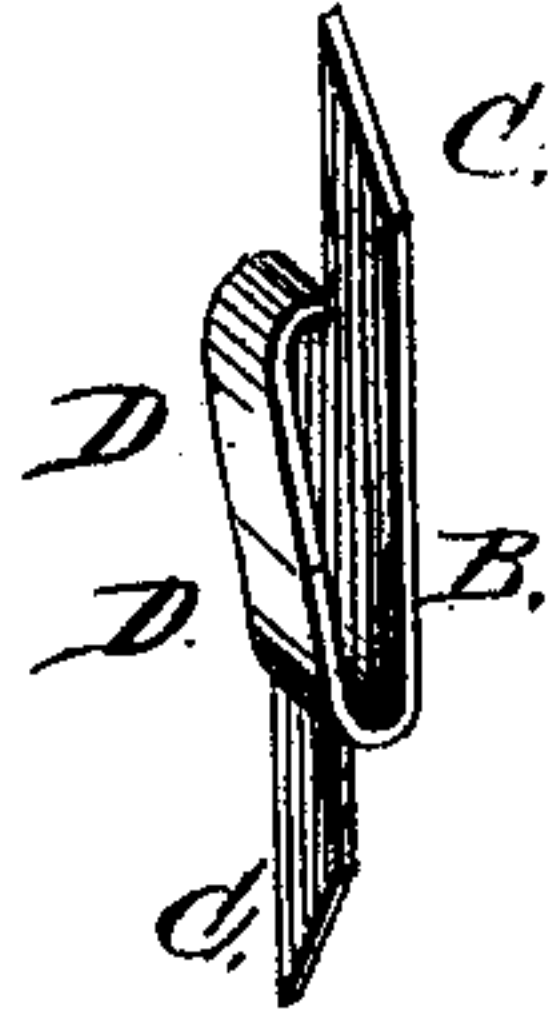
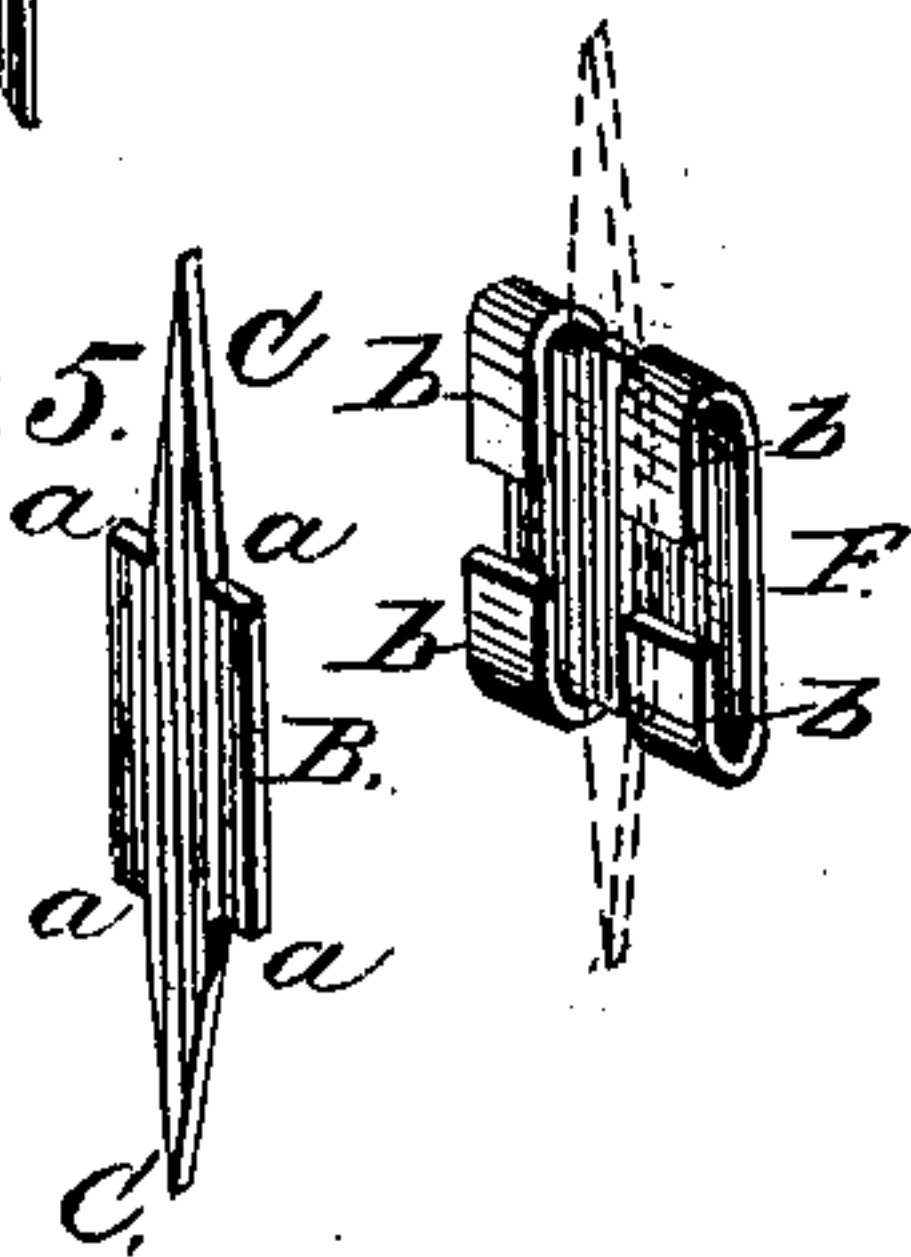


Fig. 5.



Witnesses:  
Frank L. Curand  
C. H. Watson

Inventor  
Jacob Brinkerhoff  
Per C. H. Watson & Co. Attorneys.

# UNITED STATES PATENT OFFICE.

JACOB BRINKERHOFF, OF AUBURN, NEW YORK.

## IMPROVEMENT IN BARBED FENCES.

Specification forming part of Letters Patent No. **214,095**, dated April 8, 1879; application filed February 3, 1879.

### *To all whom it may concern:*

Be it known that I, JACOB BRINKERHOFF, of Auburn, in the county of Cayuga and State of New York, have invented certain new and useful Improvements in Barbed Fences; and I do hereby declare that the following is a full, clear, and exact description of the invention, which 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 the letters of reference marked thereon, which form a part of this specification.

My invention relates to barbed fences made of flat twisted metal strips with the barbs attached thereto; and it consists in the construction of the fence-barbs and the mode of attaching and holding them on the sheet-metal strips, as will be hereinafter more fully set forth.

In the annexed drawings, which fully illustrate my invention, Figure 1 is a perspective view of a fence-strip with the barbs attached thereto. Figs. 2, 3, 4, and 5 represent various forms of barb to be attached to the fence-strip.

A represents a flat metal strip of any suitable dimensions, such as is suitable for making fences, and to this strip the barbs, constructed as hereinafter described, are connected in the following manner: The barb is, preferably, made of a single piece of sheet metal, cut to form the body B, with two prongs or points, C C, projecting in opposite directions, and at the sides of said points two lips, D D, also projecting from the body. The barb thus constructed is laid on the side of the strip A, and the lips D D clinched over the edges of the strip, so as to hold the barb thereon and prevent it from coming off. The strip A is then twisted, as shown in Fig. 1, which prevents any lateral movement of the barb on the strip.

In the construction of the barb, as above described, the lips D D may be on the same side of the points C C, as shown in Fig. 3, or they may be cut one on each side and inclined so that their ends will meet when clinched over the fence-strip, as shown in Fig. 4; or, if desired, I may use two sets of lips, D, as shown in Fig. 2. In all cases, however, the entire barb is cut of one piece of sheet metal.

As a modification of my invention I have shown in Fig. 5 the barb B C made without the lips D, but having simply shoulders *a a* on opposite sides of each point. I then provide a fastener, F, of sheet metal, to hold the barb to the strip, said fastener being cut with the side lips *b b*, which are clinched over the edges of the strip and over the shoulders *a* of the barb, the points C of the barb projecting between the lips *b* of the fastener.

When the barbs are placed upon the strip or strips and the same twisted, the edges of the strip or strips will not twist, as the center of band or strip will twist. Thus at this part of the strips where the barbs are the twist is irregular, and the barb is held from any longitudinal movement.

The barb, when made of sheet metal, can easily be cut, or stamped with dies or equivalent machinery.

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

A flat twisted strip, A, provided with a barb, B, having a point or points, C, and lips D, substantially as and for the purpose set forth.

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

JACOB BRINKERHOFF.

Witnesses:

S. VAN ZANDT,  
PHILIP LUTZ.