

M. S. HARSHA.  
WIRE FENCE BARBS.

No. 182,819.

Patented Oct. 3, 1876.

FIG. 1.

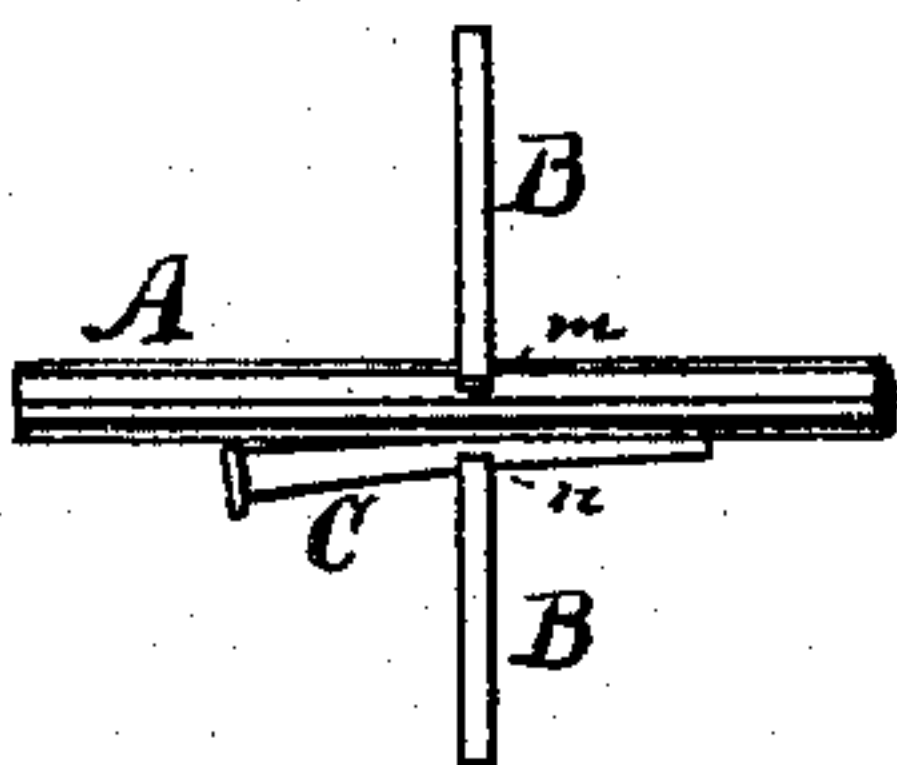


FIG. 2.

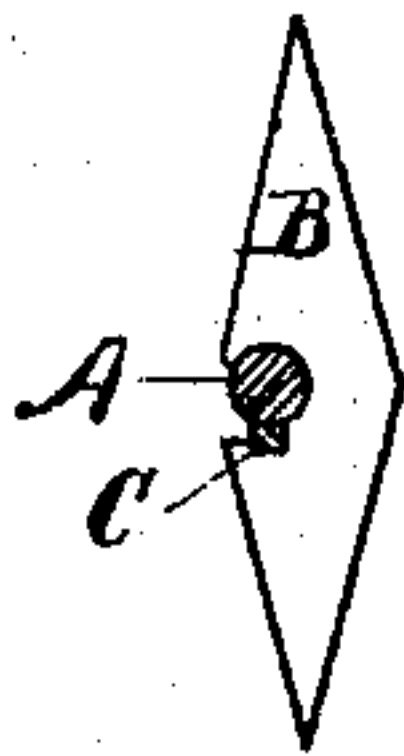
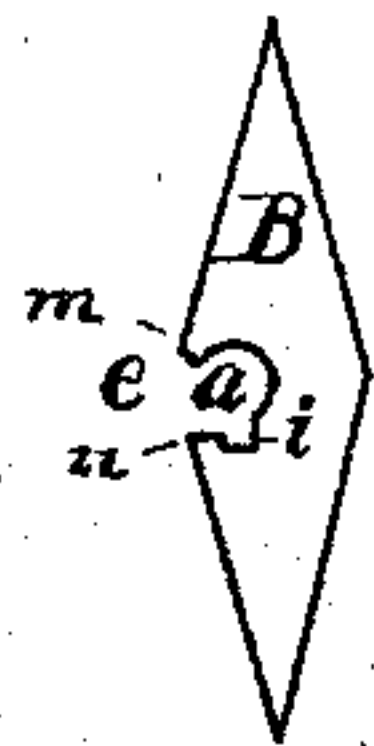


FIG. 3.



Witnesses  
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# UNITED STATES PATENT OFFICE.

MORTIMER S. HARSHA, OF CHICAGO, ILLINOIS.

## IMPROVEMENT IN WIRE-FENCE BARBS.

Specification forming part of Letters Patent No. 182,819, dated October 3, 1876; application filed September 9, 1876.

*To all whom it may concern:*

Be it known that I, MORTIMER S. HARSHA, of Chicago, in the county of Cook and State of Illinois, have invented certain Improvements in Wire-Fence Barbs, of which the following is a specification:

In the accompanying drawing, which forms a part of this specification, Figure 1 is a side view of the wire with the barb attached. Fig. 2 is an end view of the same. Fig. 3 is a view of the barb detached.

The same letters indicate like parts in the several figures.

In the said drawing, A represents the fence-wire. B is the barb, and C is the wedge for locking the barb to the wire.

Although the shape of the barb is not a material feature of my invention, I prefer, because of convenience in manufacture, to make it of the diamond or lozenge form shown in the drawing. Near the middle of the barb in its length, and near the edge thereof, is cut a round aperture, *a*, of a proper size to receive the fence-wire A. The metal between this aperture *a* and the nearest edge of the barb is cut away to form an entrance-gap, *e*, to permit of the placing of the barb upon the wire. A small slot, *i*, is formed in the metal opening into the aperture *a*, as shown in the draw-

ing, for the purpose of receiving a metal wedge, C, which is driven home in the direction of the length of the wire, as shown at Figs. 1 and 2. When thus fastened the lip *m* at one side of the gap *e*, and the friction of the wedge against the wire, and the lip *n* at the other side, prevents the loosening or removal of the barb. The barbs of the form shown may be readily stamped out of sheet metal, and require no bending or forming whatsoever beyond the mere cutting out. The wedges C may consist of small nails, which are admirably adapted to this use.

These barbs are extremely cheap, are very easily fastened to the wire after it is stretched upon the fence, and, being perfectly flat, pack readily into small compass for transportation.

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

The flat sheet-metal barb for wire fences, having an aperture, *a*, and a gap, *e*, opening to the nearest edge, and made with a slot, *i*, to receive a wedge, substantially as specified.

MORTIMER S. HARSHA.

Witnesses:

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