

R. H. POOLER & W. T. JONES.

WIRE-FENCE BARBS.

No. 181,537.

Patented Aug. 29, 1876.

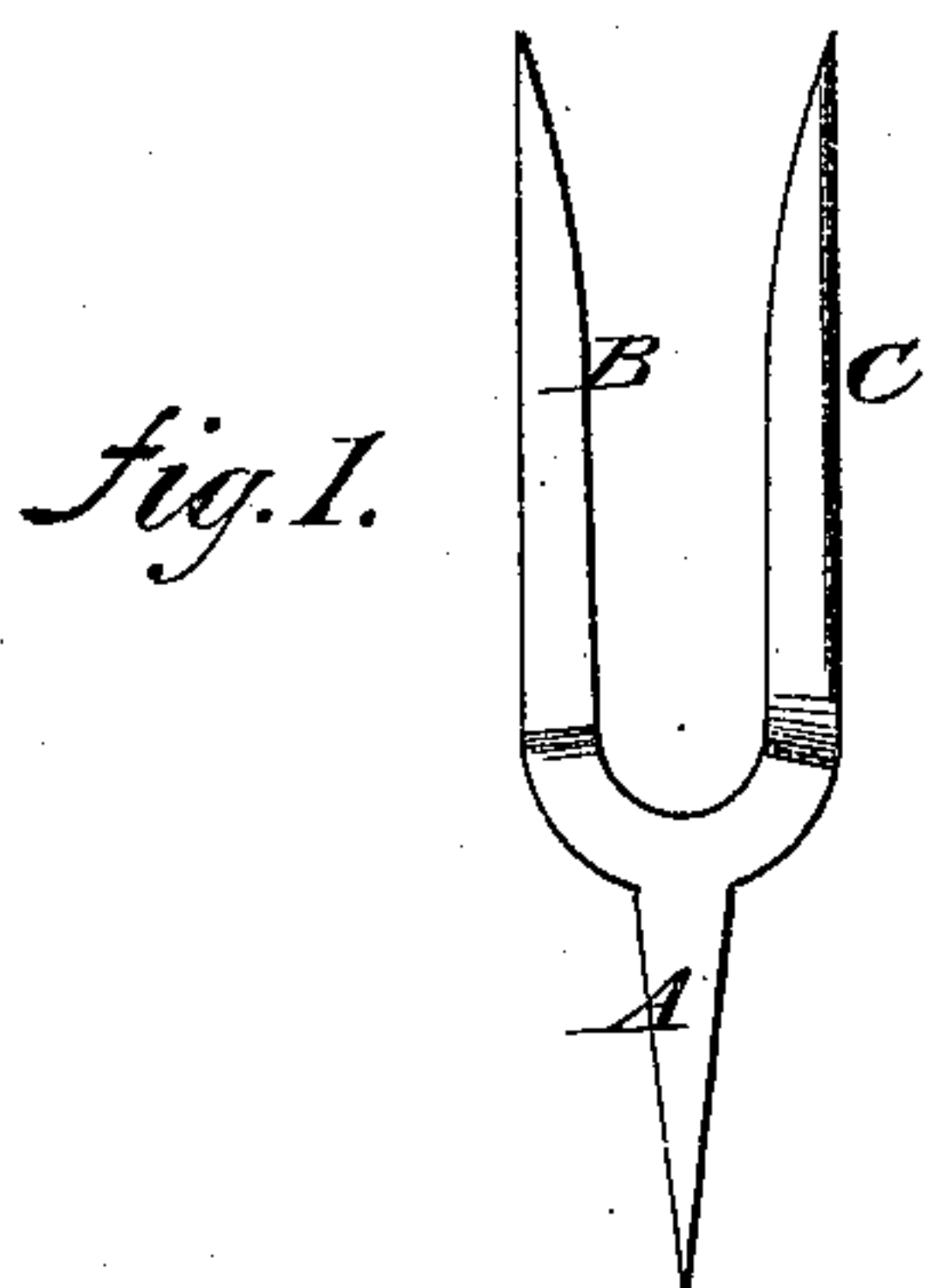


fig. 2.

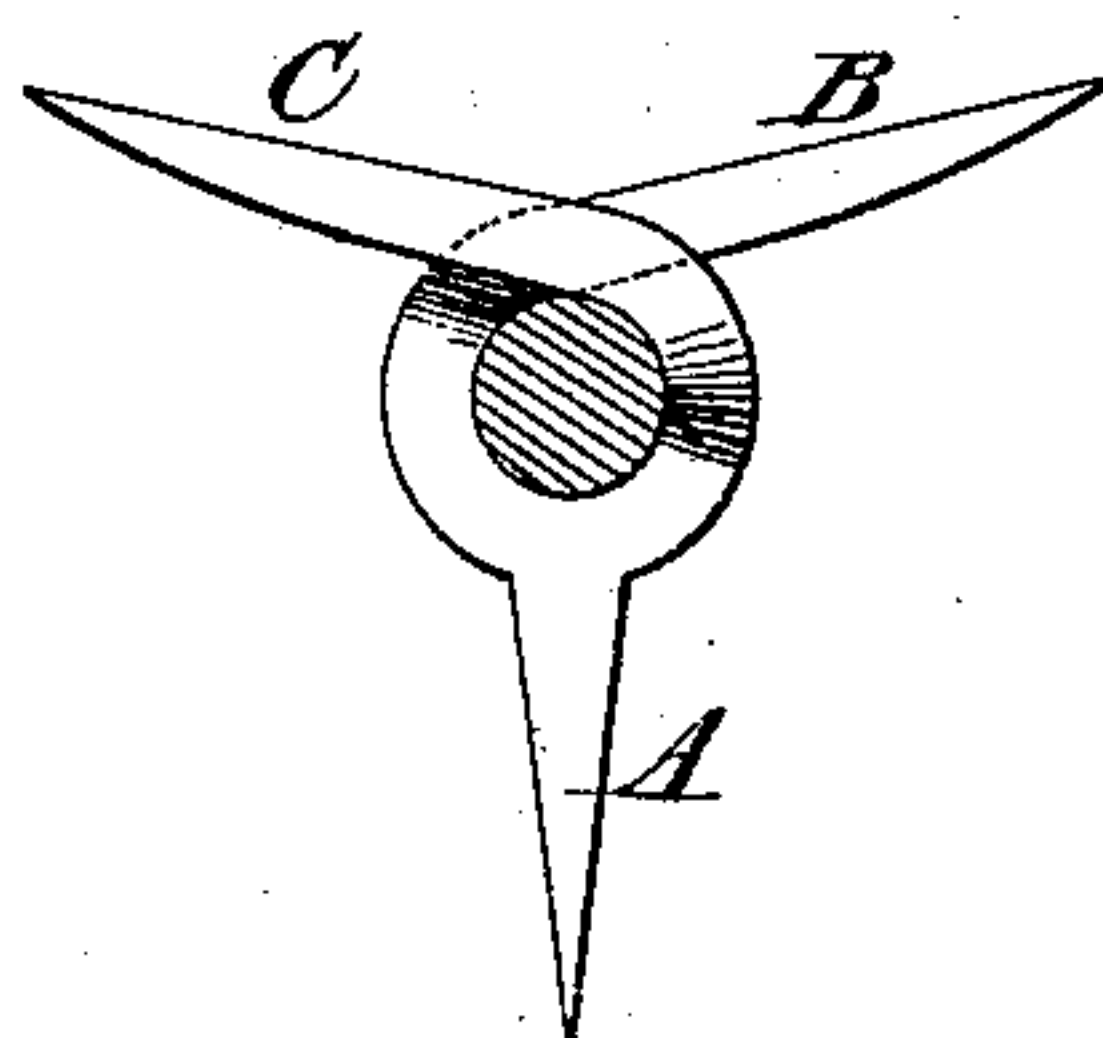
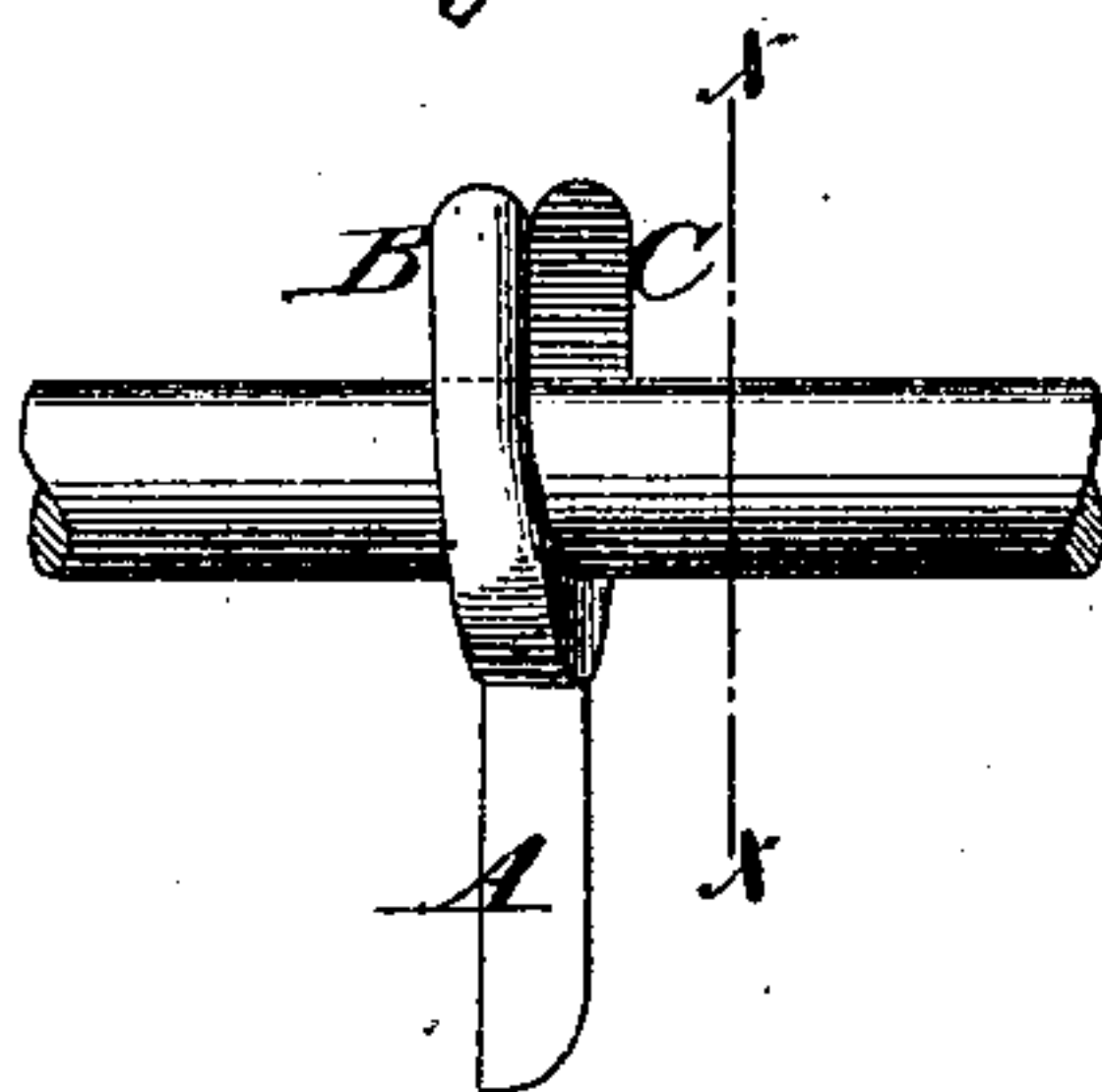


fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

RHEUBIN H. POOLER AND WILLIAM T. JONES, OF SERENA, ILLINOIS.

IMPROVEMENT IN WIRE-FENCE BARBS.

Specification forming part of Letters Patent No. **181,537**, dated August 29, 1876; application filed April 10, 1876.

To all whom it may concern:

Be it known that we, RHEUBIN H. POOLER and WILLIAM T. JONES, of Serena, county of La Salle, and State of Illinois, have invented a new and useful Improvement in Steel Barbs for Wire Fences, of which the following is a specification:

Figure 1 is a plan view of one of our improved barbs. Fig. 2 is a side view of a barb applied to a fence-wire, the wire being shown in section through the line *x x*, Fig. 3. Fig. 3 is an edge view of the same.

The object of this invention is to furnish steel barbs for wire fences which shall be lighter and stiffer, shall have sharper points, and be less liable to rust off than the barbs heretofore made.

The invention consists in a three-pointed steel barb, made with one point projecting in one direction and two points projecting in the opposite direction, parallel with each other, and with slight offsets in opposite directions at their bases, to adapt them to be applied to a single wire, as hereinafter fully described.

Similar letters of reference indicate corresponding parts.

The barbs are made of wrought-steel, and with three points, somewhat resembling the tines and tang of a two-tine fork. The point A is straight, and the points B C are made parallel with each other, and with a slight offset in opposite directions at their bases, so that they may more readily pass each other when bent down upon the wire D. The barbs are placed upon a single wire, and the points B C are bent down past each other in opposite directions, as shown in Fig. 2, so as to firmly clasp the wire, and leave the three points A B C projecting in directions equally distant from each other, or nearly so. The barbs A B C are applied to the wire D with

a barb-former, and clasp the said wire D so firmly that they cannot slip or turn upon it, and will thus always remain in place.

It will be observed that by cutting the barb from sheets of flat metal, as described, a considerable saving over previous constructions is effected. A flat bearing is provided between the barb and fence-wire, giving an increased "rusting-surface," and the points are sharpened and the device completed at one stroke of the die, furnishing at once a cheap, substantial, and effective article.

We do not desire to be understood as claiming a fence-barb having several prongs, two of which are twisted upon the fence-wire in order to attach the same thereto, as such is well known; but in the barbs heretofore in use the prongs, which are additional to those intended to be twisted about the fence-wire, were attached by separate operations of welding or the like, and were therefore liable to be displaced. These barbs were also of round wire, making the attachment of the additional prongs still more difficult, giving a diminished surface of contact between the barb and wire, and rendering the completed article more expensive.

Having now fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The herein-described fence-barb, cut from flat metal, and having three parallel prongs, two of which are provided with flat faces and offset, as shown, and adapted to be twisted about the fence-wire, in the manner and for the purpose set forth.

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Witnesses:

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