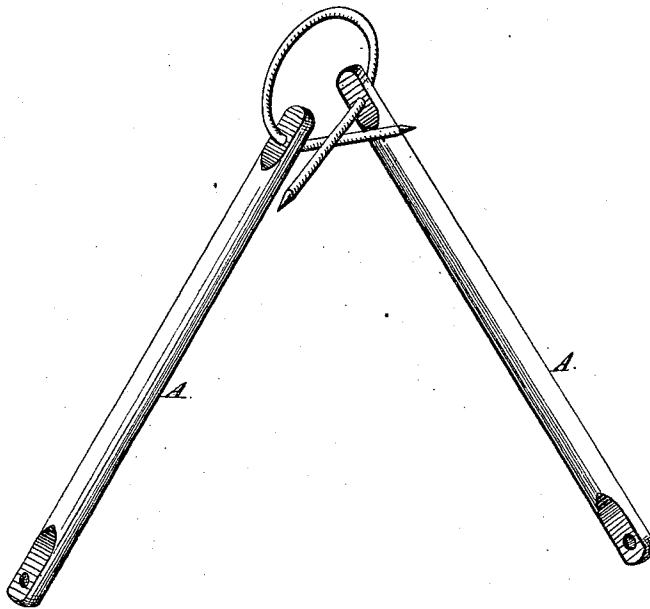


W. DULIN.

TOOLS FOR PUTTING BARBS ON WIRE FENCES.

No. 170,354.

Patented Nov. 23, 1875.



WITNESSES

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WILLIAM DULIN, OF BIG GROVE, IOWA.

IMPROVEMENT IN TOOLS FOR PUTTING BARBS ON WIRE FENCES.

Specification forming part of Letters Patent No. **170,354**, dated November 23, 1875; application filed October 21, 1875.

To all whom it may concern:

Be it known that I, WILLIAM DULIN, of Big Grove, in the county of Pottawattamie and in the State of Iowa, have invented certain new and useful Improvements in Tools for Putting Barbs on Wire Fences; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, making a part of this specification.

My invention relates to implements for putting barbs on wire fences; and it consists simply of two wrought or cast iron rods, with a hole through each end, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, which represents a perspective view of my invention.

A A represent two wrought or cast iron rods, about five inches long, more or less, and of any suitable thickness. The ends of each rod are flattened, and in each end is made a suitable hole for a wire to be passed through. As the best size for such holes I have found

that the hole at one end should be large enough to fit No. 9 wire, and that at the other end to fit No. 14 wire.

With this implement old wire fences may be mended and fixed up. The old pieces of wire are to be cut up into pieces of about three and a half inches long, and, by means of the pair of rods or twisters A A, these pieces may be twisted around the old wire fence, and set fast by the use of an ordinary ax and hammer, thereby making a complete barbed wire fence out of an old one that is worth nothing as it is.

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

As an implement for putting barbs on wire fences, the rods A A, having flattened ends, with holes through the same, substantially as herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 21st day of September, 1875.

WILLIAM DULIN.

Witnesses:

A. M. LENTZ,

E. P. ALBERTSON.