

F. T. WILSON & E. J. BARTLETT.

BARB-FORMERS.

No. 180,405.

Patented July 25, 1876.

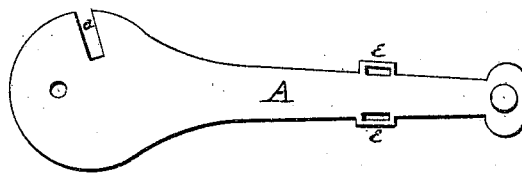
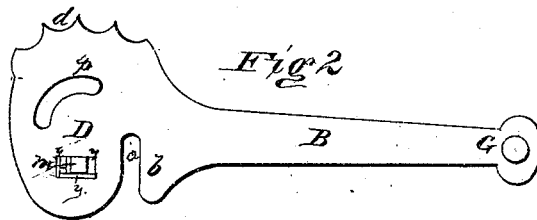
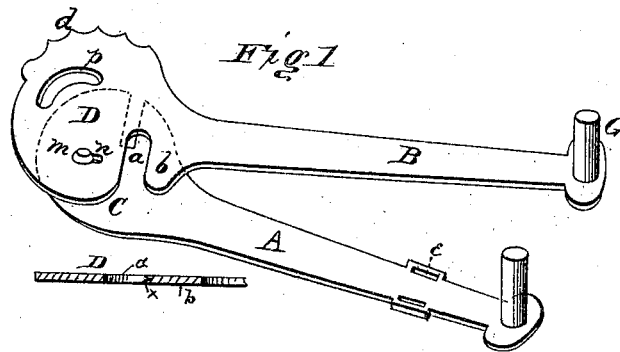
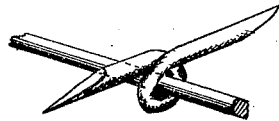


Fig 3



WITNESSES  
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# UNITED STATES PATENT OFFICE.

FRANCIS T. WILSON AND EZRA J. BARTLETT, OF AMES, IOWA.

## IMPROVEMENT IN BARB-FORMERS.

Specification forming part of Letters Patent No. **180,405**, dated July 25, 1876; application filed March 20, 1876.

*To all whom it may concern:*

Be it known that we, FRANCIS T. WILSON and E. J. BARTLETT, of Ames, in the county of Story, and in the State of Iowa, have invented certain new and useful Improvements in Barb-Fence Clamps; 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.

The nature of our invention consists in the construction and arrangement of a device for putting barbs on wire fences, as will be hereinafter more fully set forth.

In the annexed drawing, Figure 1 is a perspective view of our instrument. Fig. 2 shows the two parts detached. Fig. 3 is a perspective view, showing the barb when placed on the fence.

A and B represent two arms or levers, provided, respectively, with the heads C and D, pivoted together, as shown. These heads have each a slot, *a*, forming an under lip, *b*, which is grooved along its inner edge, as shown at *x*.

The slot in the head C admits the fence-wire, the grooved lip thereof holding one side of the staple, while the other lies upon the surface of the head, so that the lip of the head D catches it, and as the levers or arms A B are pressed together the staple is bent around the wire. The groove in the lip of the head D prevents the staple from slipping either way.

In the arm or lever A are holes E E for the

passage of a strap, to be buckled on the operator's arm.

The head is provided with slot *p*, and scalloped, as shown, at *d*, to form a hand-hold, so that by grasping the head D with one hand the operator can move the instrument along the fence-wire while with the other hand he places the staples in position.

The two heads are pivoted together by a rivet or bolt, *m*, in the head C, passing through an oblong slot, *n*, in the head D, and said rivet or bolt is made adjustable in the slot by putting a wedge, *y*, either above or below, so that the instrument can be adapted to any sized wire used either for the barbs or fence. G G are handles fastened to the ends of the levers A B.

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

The head D, having vertical slot *a*, grooved lip *b*, and horizontal oblong slot *n*, in combination with the head C, having corresponding slot *a* and lip *b*, the two being adjustably pivoted together by the rivet or bolt *m* and wedge *y*, and having operating arms formed therewith, all substantially as and for the purposes herein set forth.

In testimony that we claim the foregoing we have hereunto set our hands this 25th day of February, 1876.

FRANCIS T. WILSON.

EZRA JACKSON BARTLETT.

Witnesses:

WM. H. FITCHPATRICK,

CYRUS E. TURNER.