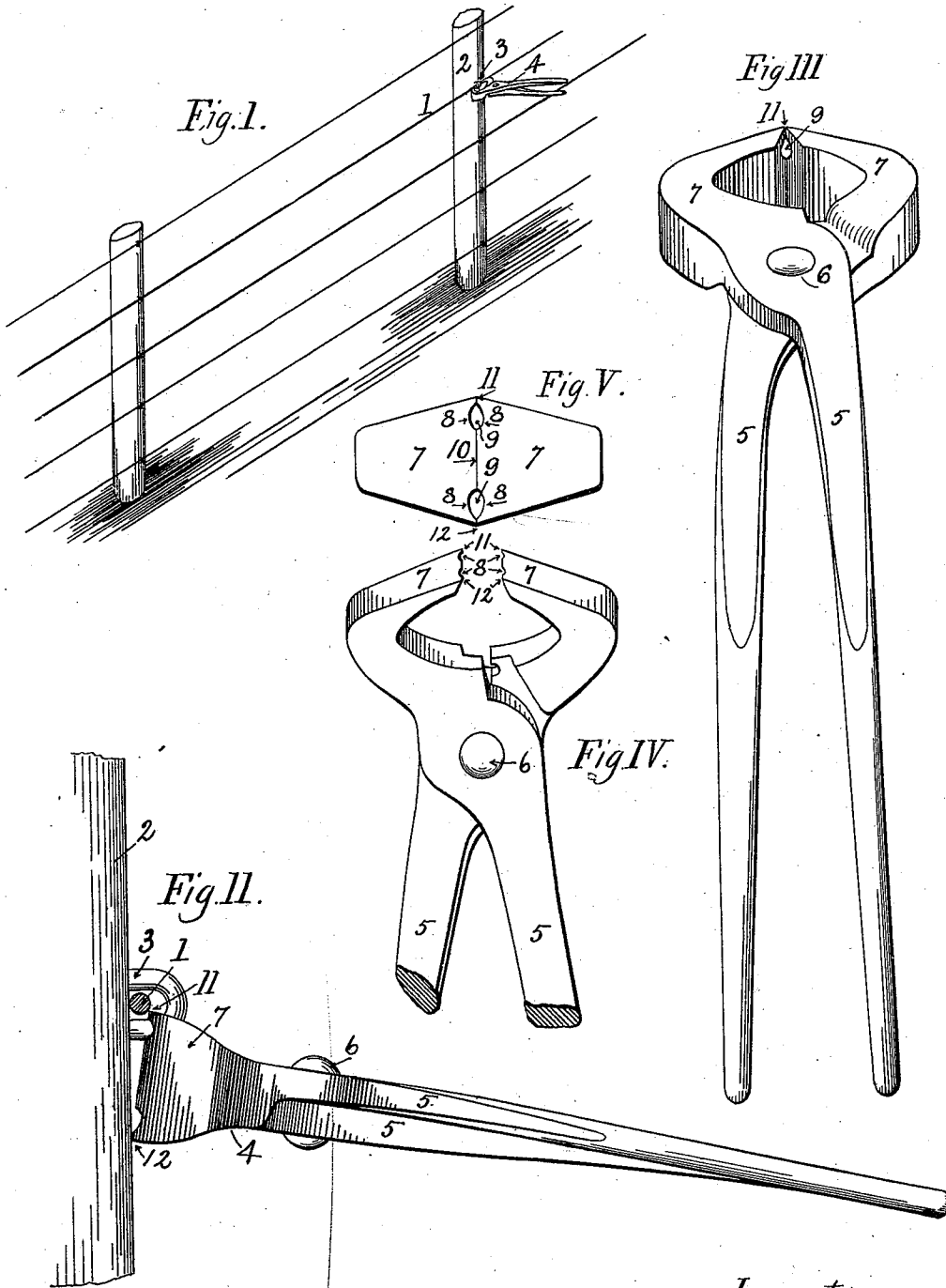


(No Model.)

A. H. RUSSELL.
STAPLE PULLER.

No. 545,537.

Patented Sept. 3, 1895.



Witnesses.
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UNITED STATES PATENT OFFICE.

ALBERT H. RUSSELL, OF MOUNT WASHINGTON, MISSOURI.

STAPLE-PULLER.

SPECIFICATION forming part of Letters Patent No. 545,537, dated September 3, 1895.

Application filed March 16, 1895. Serial No. 542,047. (No model.)

To all whom it may concern:

Be it known that I, ALBERT H. RUSSELL, of Mount Washington, in the county of Jackson, in the State of Missouri, have invented certain new and useful Improvements in Staple-Pullers, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to improvements in staple-pullers, and is more especially adapted and intended for use in extracting the staples securing the wire to the posts in wire fences, though not intended exclusively for such use; and my invention consists in certain features of novelty hereinafter described, and pointed out in the claims.

Figure I represents a perspective view of a wire fence, showing the use of my improved staple-puller in extracting a staple binding the wire to the post. Fig. II represents a side elevation of a post and staple, showing the manner in which my improved staple-puller takes hold of the staple. Fig. III represents a perspective view of my improved staple-puller with the jaws closed. Fig. IV represents a perspective view of same with the jaws open. Fig. V represents an end elevation of the same.

Similar numerals refer to similar parts throughout the several views.

1 represents a single wire of a wire fence. 2 represents a post to which the wire is secured by the staple 3.

4 represents the staple-puller, consisting of the members 5, pivoted together at 6 and provided with the oppositely-disposed jaws 7. Said jaws are provided on their meeting edges with the concave recesses 8, which when the jaws are closed form the elongated or oval-shaped openings 9, as shown in Fig. IV, said recesses being of such depth only that when the jaws are closed the opposing edges of the recesses will close upon and grasp the prong of the staple before the meeting edges of the jaws come together.

When in use, the staple-puller is applied to the staple either above or below the wire, as shown in Fig. III. As the jaws are closed the points 2 thereon beyond the recess 8 will press the wire aside and the prong of the staple will be grasped between the opposing

edges of the recesses and firmly held, when by the leverage of the members 5, having a fulcrum at the opposite point 12 of the jaws against the post, the staple is easily and safely withdrawn.

I am aware that staple-pullers consisting of pivoted members provided with oppositely-disposed recessed jaws are not new, and hence do not claim the same, broadly; but

What I do claim as my invention, and desire to secure by Letters Patent, is—

1. A staple puller consisting of the pivoted members, the oppositely disposed jaws thereon and recesses in said jaws of such depth that when the jaws are closed the opposing edges of the recesses will close upon and grasp the prong of the staple before the meeting edges of the jaws come together, substantially as set forth.

2. A staple puller adapted to grasp a single prong of the staple above or below the wire and consisting of the pivoted members, the oppositely disposed jaws thereon, the recesses in said jaws of such depth that when the jaws are closed the opposing edges of the recesses will close upon and grasp the prong of the staple before the meeting edges of the jaws come together, and the points on the jaws beyond the recesses to press the wire aside and permit engagement with the prong of the staple, substantially as set forth.

3. A staple puller adapted to grasp a single prong of the staple above or below the wire and consisting of the pivoted members provided with the oppositely disposed jaws recessed to such depth that when the jaws are closed the opposing edges of the recesses will close upon and grasp the prong of the staple before the meeting edges of the jaws come together and points formed on said jaws by the excision of said recesses adapted to press aside the wire and permit engagement of the prong of the staple in said recesses, substantially as set forth.

4. A staple puller consisting of the pivoted members provided with oppositely disposed jaws and points on said jaws formed by the excision of recesses in the meeting edges of the jaws whereby it is adapted to engage the prong of the staple above or below the wire substantially as set forth.

5. A staple puller consisting of the mem-

bers 5 pivoted together at 6, the oppositely disposed jaws 7 on said members, the recesses 8 in the meeting edges of said jaws of such depth that when the jaws are closed the opposing edges of the recesses will close upon and grasp the prong of the staple before the meeting edges of the jaws come together, and the points 10 formed on said jaws by the ex-

cision of the recesses and adapted to press aside the wire and permit the engagement of the prong of the staple in said recesses, substantially as set forth.

ALBERT H. RUSSELL.

Witnesses:

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