

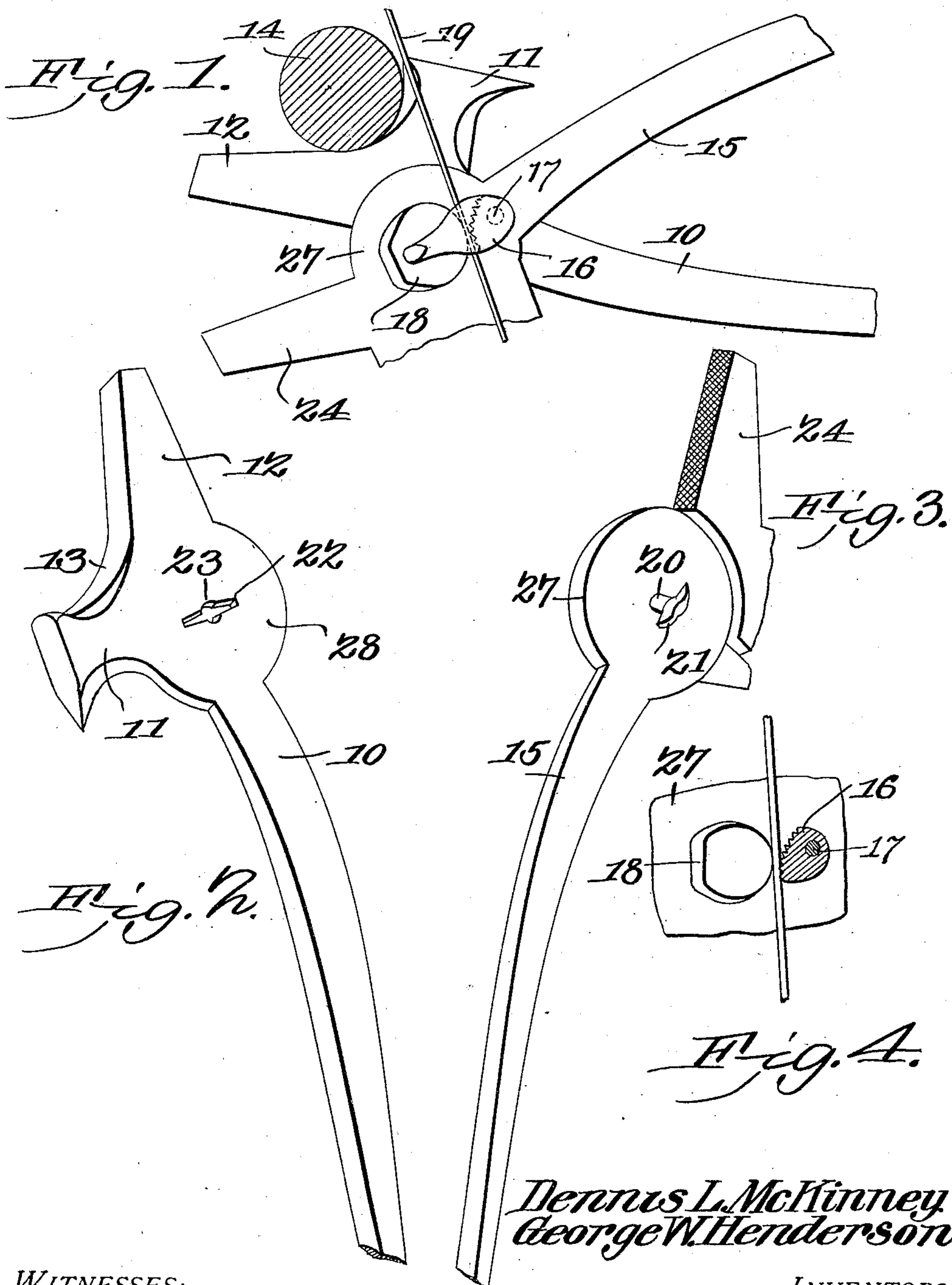
No. 819,304.

PATENTED MAY 1, 1906.

D. L. McKINNEY & G. W. HENDERSON.

WIRE WORKING TOOL.

APPLICATION FILED JULY 26, 1905.



WITNESSES:

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UNITED STATES PATENT OFFICE.

DENNIS L. McKINNEY AND GEORGE W. HENDERSON, OF FAIRMONT, WEST VIRGINIA.

WIRE-WORKING TOOL.

No. 819,304.

Specification of Letters Patent.

Patented May 1, 1906.

Application filed July 26, 1905. Serial No. 271,333.

To all whom it may concern:

Be it known that we, DENNIS L. McKINNEY and GEORGE W. HENDERSON, citizens of the United States, residing at Fairmont, in the county of Marion and State of West Virginia, have invented a new and useful Wire-Working Tool, of which the following is a specification.

This invention relates to wire-working tools, and while capable of use in many relations it is particularly designed for handling fence-wires to stretch the same and then fasten them to the posts, and in this connection it is proposed to enable the separation of the two main elements of the tool in order that they may be successively employed to stretch and then fasten a fence-wire, and it is also designed to enable the stretching of the wire when the elements are assembled.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that changes in the form, proportion, size, and minor details may be made within the scope of the claims without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a plan view of the present implement applied to a post in position for stretching a fence-wire. Figs. 2 and 3 are detail perspective views of the two principal members of the tool separated. Fig. 4 is a detail view of the wire-clamp, the cam member being in section.

Like characters of reference designate corresponding parts in all of the figures of the drawings.

The present tool includes crossed handle members 10 and 15, which terminate at corresponding ends in cooperating jaws 12 and 24, respectively, and are provided at their points of crossing with the respective disk portions or segmental portions 28 and 27, respectively. The segmental portion 28 is centrally pierced by a circular opening 23, and a slot 22 diametrically intersects the opening and projects at one side thereof, while the

part 27 of the other member is provided with a central stud 20, having a cross-head 21, thereby constituting a T-shaped pin or post capable of being passed through the slot 22 to form a separable pivotal connection between the crossed members.

Upon that side of the part 27 which is opposite the stud 20 is a wire-clamp made up of a shoulder or abutment 18, with which cooperates a handled cam 16, pivotally connected to the part 27, as at 17.

What will be termed the "outer" edge of the part 28 is provided with a substantially radial projection or shoulder 11, the forward side of which is concaved, as at 13, and merges into the back or outer face of the jaw 12, so as to constitute a bearing-face, as will be hereinafter described.

With the two main elements assembled, as in Fig. 1, a fence-wire, such as shown at 19, is engaged by the wire-clamp, and the concaved face 13 of the shoulder or projection 11 is placed against the fence-post 14, whereupon the tool is swung upon the post as a fulcrum, so as to stretch the wire.

By separating the main elements of the tool and engaging the wire with the wire-clamp and by placing the jaw 24 or the part 27 against the post as a fulcrum the wire may be stretched by manipulating the handle 15 as a lever, and then the element 10 may be used to drive a staple or other fastening into the post for securing the wire thereto, the shoulder or extension 11 serving as a hammer-head.

Having thus described the invention, what is claimed is—

1. A wire-working tool comprising a pair of crossed members having corresponding ends terminating in cooperating jaws and their other ends formed into handles, a wire-clamp upon one side of one of the members, and a T-shaped pin carried by the other side of said member, and the other member being provided with an opening intersected by a diametric slot for the detachable pivotal reception of the T-shaped pin.

2. A wire-working tool comprising a pair of crossed members having a separable pivotal connection and provided with cooperating

ating jaw and handle terminals, one of the members being provided with a lateral projection at the inner end of the jaw with its front face concaved and merging into the
5 back of the jaw, and a wire-clamp carried by the other member.

In testimony that we claim the foregoing

as our own we have hereto affixed our signatures in the presence of two witnesses.

DENNIS L. McKINNEY.

GEORGE W. HENDERSON.

Witnesses:

F. M. WALDO,

W. H. GARLOW.