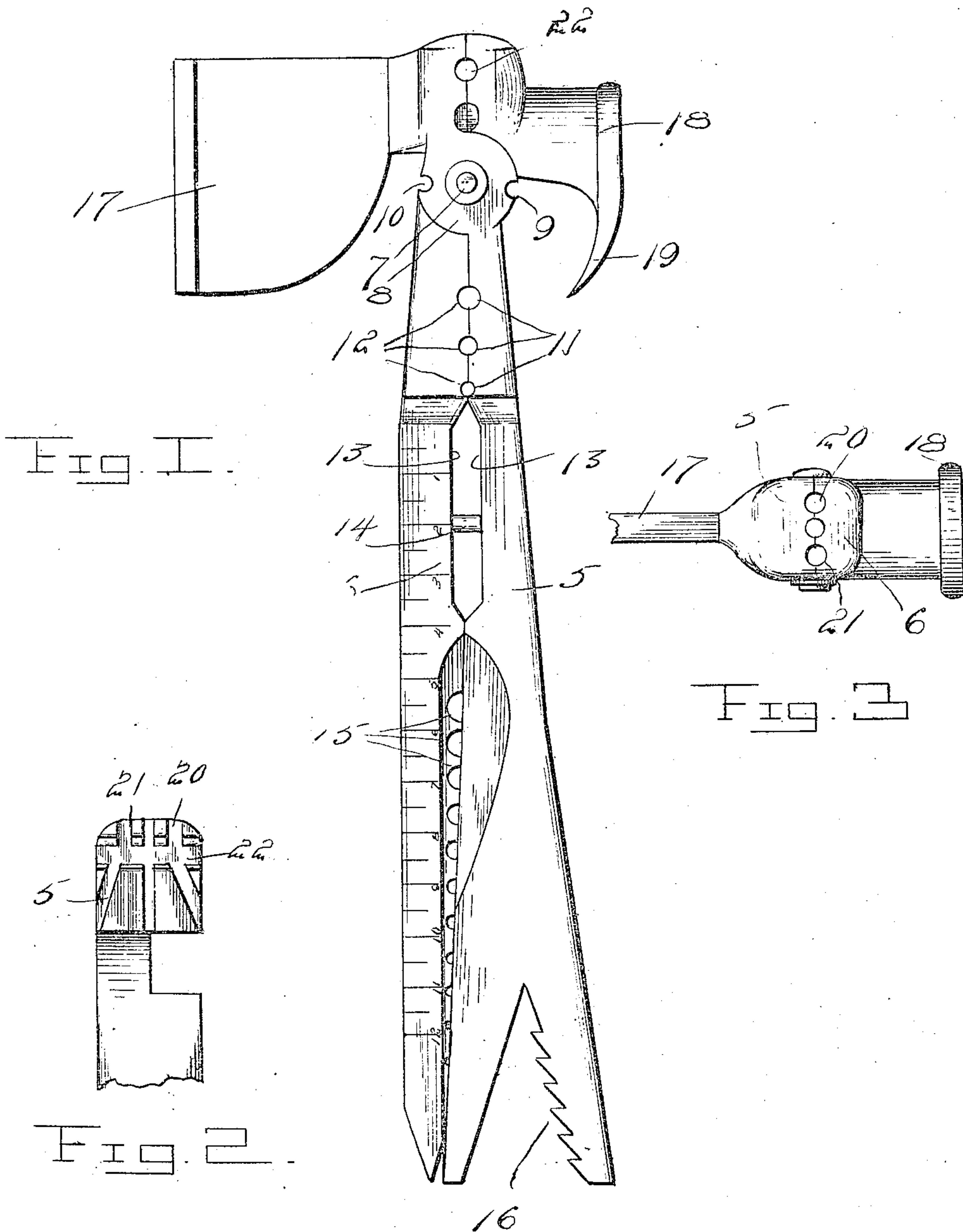


No. 855,741.

PATENTED JUNE 4, 1907

J. J. ALBERT.
WIRE WORKING TOOL.
APPLICATION FILED FEB. 14, 1906.



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN J ALBERT, OF DANVERS, ILLINOIS.

WIRE-WORKING TOOL.

No. 855,741.

Specification of Letters Patent.

Patented June 4, 1907.

Application filed February 14, 1906. Serial No. 301,039.

To all whom it may concern:

Be it known that I, JOHN J. ALBERT, a citizen of the United States, residing at Danvers, in the county of McLean, State of Illinois, have invented certain new and useful Improvements in Wire-Working Tools; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to wire working tools and has for its object to provide a tool which although it may be used in a number of different ways, is chiefly adapted for use in wiring fences.

A further object of the invention is to provide an improved wire splicer in connection with the other elements of the tool.

In the accompanying drawings: Figure 1 is a side elevation of the invention. Fig. 2 is an elevation of the inner face of one of the jaws. Fig. 3 is a top plan view of a portion of the tool.

While the novelty in my invention resides in the wire splicing elements thereof, I have deemed it advisable to describe all of the other features of the tool, as they are illustrated in the drawings.

Referring to the drawings, my invention comprises a handle formed in two sections 5 and 6 which are crossed adjacent their forward ends and are pivoted at this point as at 7. At their point of crossing, the members 5 and 6 of the handle are enlarged as at 8 and flattened and have their enlarged and flattened portions seated in recesses formed in the said members at this point. The end of one of the walls of each recess is provided with a knife edge as at 9 which may be utilized to cut pieces of wire which are engaged in recesses 10 in the said enlarged and flattened portions of the handle section. The opposing face edges of the handle sections 5 and 6 are provided with registering recesses 11 and 12 respectively which, when the handles are moved to a closed position, will form a wire splicer or a wire clamping implement, as may be desired. The face of the handle section 5 is recessed as at 13 as is also the opposing face of the section 6, the said section 6 being provided in its recessed portion with a leather punch 14. Adjacent its inner end

the said face of the member 6 is provided with a series of recesses 15 of graded size which may be used to determine the size of wire. The extreme inner end of the handle section 5 is in the form of a fixed jaw wrench 16.

At its extreme forward end, the handle section 5 is provided with a hatchet blade 17 and the member 6 is provided at the said end with a hammer head 18 and a nail extractor 19, all of which may be of any desired construction. The opposing faces of the forward end portions of the handle sections 5 and 6 are provided with a registering series of channels or grooves by means of which a staple may be firmly gripped for removal. Each of the said opposing faces is provided with a groove 20 which is located intermediate the sides of the said end portions and which extend rearwardly from the forward edge thereof, and with grooves 21 which open through the front edge of the said portions and which extend rearwardly therefrom in diverging planes and open through the side edges of the said portions of the handle sections. Extending transversely of the grooves 20 and 21 is a groove 22, the said groove being located adjacent the front edge of the said portions and being arranged to receive the bight portion of the staple.

What is claimed is:

A device of the class described comprising a pair of crossed pivoted handles having headed ends and having registering grooves formed in the opposing faces of their headed ends and opening through the forward end and adjacent the sides of the said headed ends, said grooves being extended rearwardly in diverging planes and opening through the sides of said headed ends, the said opposing faces of the headed ends of the tool being provided with registering grooves extending longitudinally of the tool and opening through the headed end thereof and with transversely extending grooves which intersect the aforementioned grooves, substantially as described.

In testimony whereof, I affix my signature, in presence of two witnesses.

JOHN J. ALBERT.

Witnesses:

AL. A. ULBRICH,

RAYMOND D. DOOLEY.