

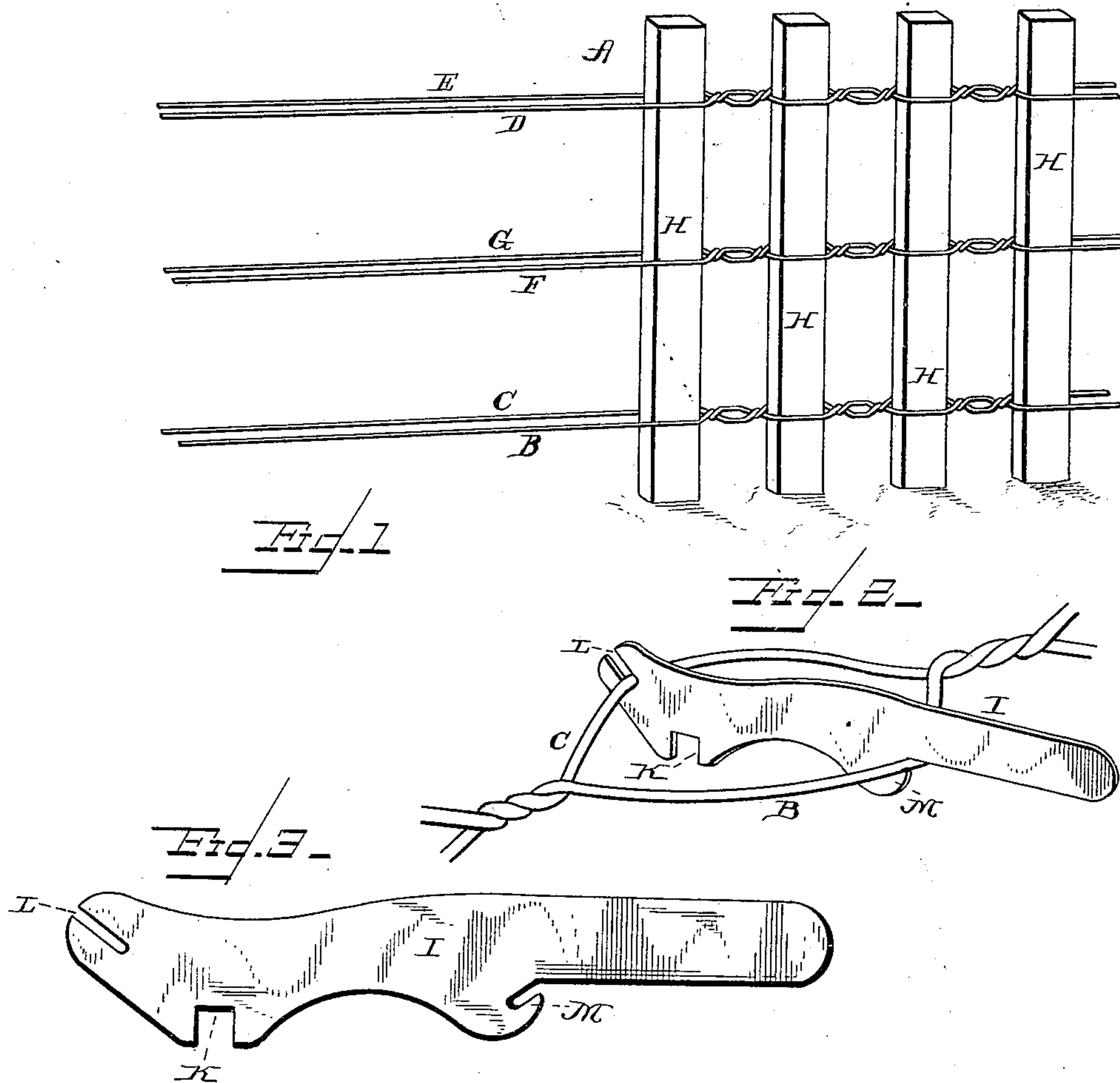
(No Model.)

A. L. ZUCK.

WRENCH FOR TWISTING WIRES.

No. 354,079.

Patented Dec. 7, 1886.



WITNESSES

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# UNITED STATES PATENT OFFICE.

ALVIN LEWIS ZUCK, OF KENTON, OHIO.

## WRENCH FOR TWISTING WIRES.

SPECIFICATION forming part of Letters Patent No. 354,079, dated December 7, 1886.

Application filed October 8, 1886. Serial No. 215,701. (No model.)

*To all whom it may concern:*

Be it known that I, ALVIN LEWIS ZUCK, a citizen of the United States, residing at Kenton, in the county of Hardin and State of Ohio, have invented certain new and useful Improvements in Wrenches; and I do 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, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a section of a wire-and-picket fence formed by my improved wrench. Fig. 2 is a view showing my wrench in operation. Fig. 3 is a view of the wrench.

My invention relates to wrenches or twisting devices for twisting the wires of wire-and-picket fences; and it consists in the construction and novel combination of parts, as hereinafter described, and pointed out in the claim.

Referring by letter to the accompanying drawings, A designates a section of wire-and-picket fence, which is shown only partially completed. B C designate the lower stringers, D E the upper stringers, F G the intermediate stringers, all of which are composed of wires secured to the fence-posts in any suitable manner.

H designates the fence-pickets, which are placed between the several pairs of wires above

mentioned, and are secured in place by twisting the several pairs of wires on each side of each picket, to retain the latter in place. For the purpose I use the wrench herein illustrated. The wrench consists of a piece of metal, I, which is provided with the ordinary nut-seat, K, for screwing up and removing nuts. In its upper end the wrench is provided with a recess, L, and at a proper distance below the wrench-seat the implement is provided with a hook, M. In using the device for twisting the fence-wires the hook M is made to engage one of the wires, as B, and the other wire, as C, is drawn into the recess L, and the twist is then made by turning the wrench over and over the desired number of times.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

As a new article of manufacture, a combined tool consisting of a wrench provided with a nut-seat, a recess in the upper end of the tool, and a hook projecting from the body of the tool below the nut-seat, substantially as specified.

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

ALVIN LEWIS ZUCK.

Witnesses:

THOMAS B. BLACK,  
O. W. SQUIER.