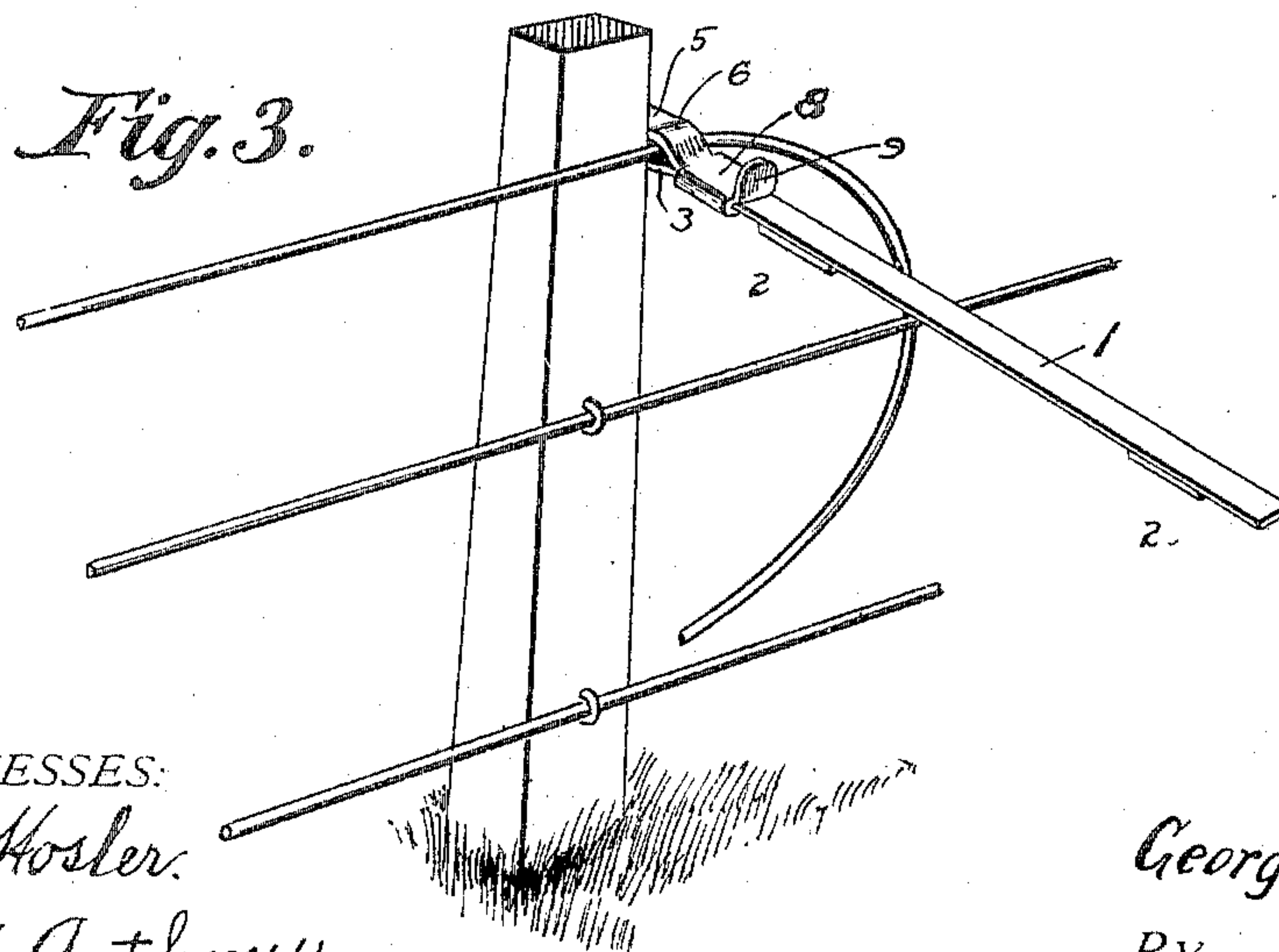
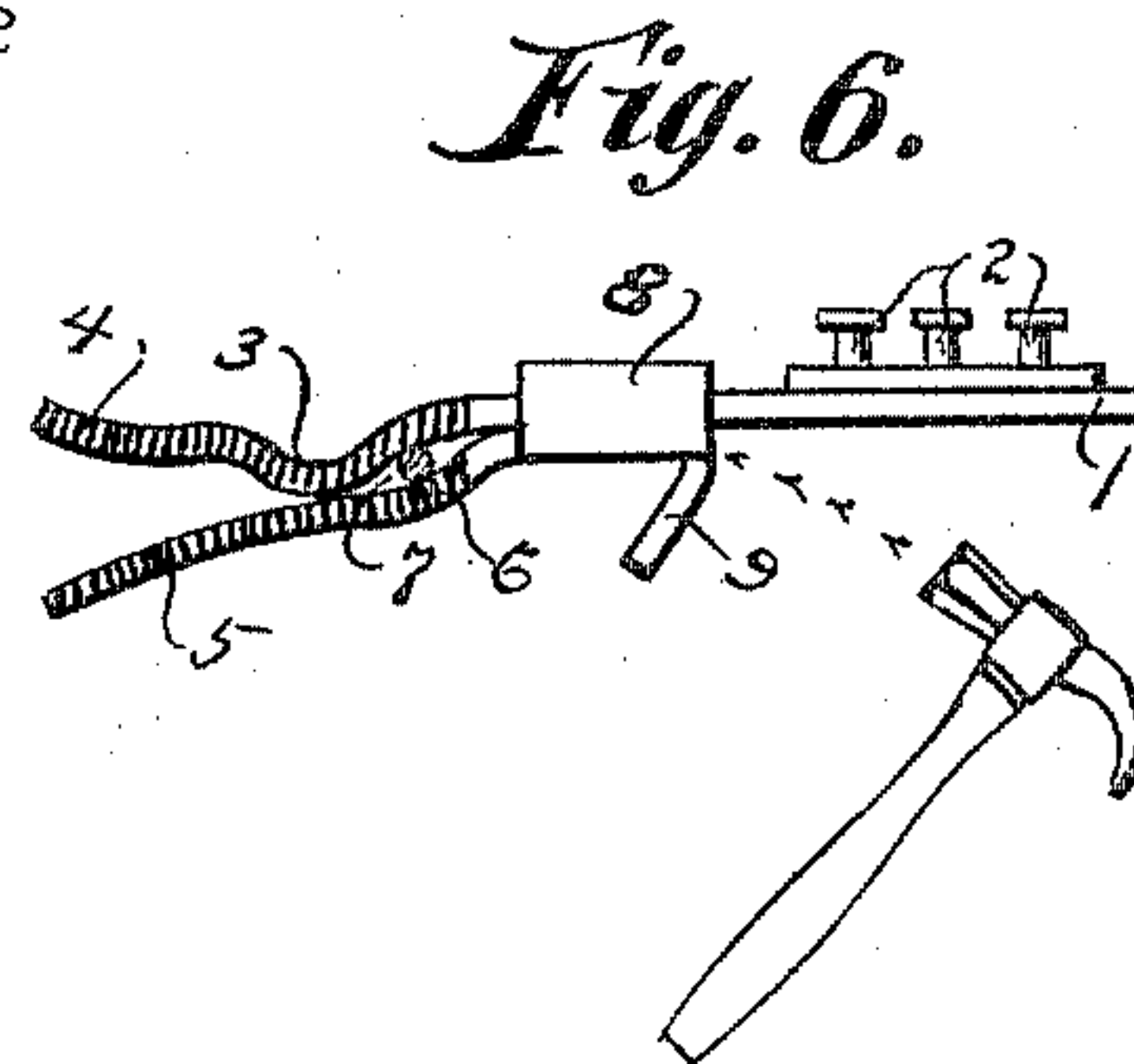
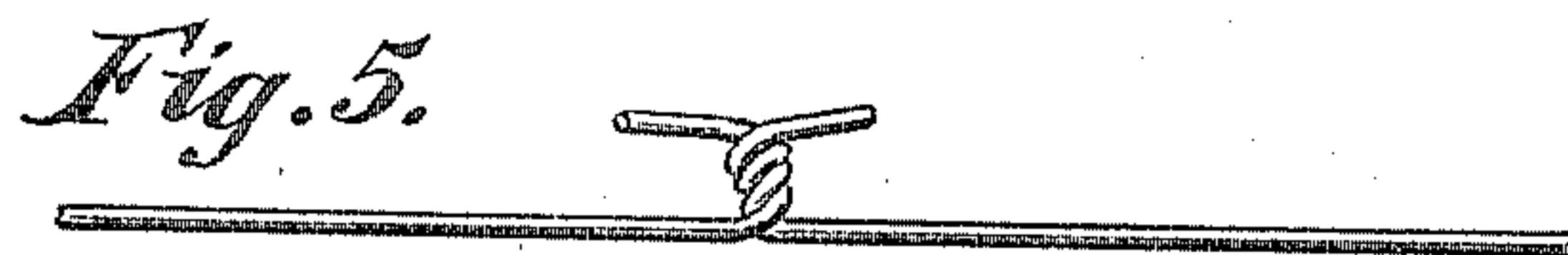
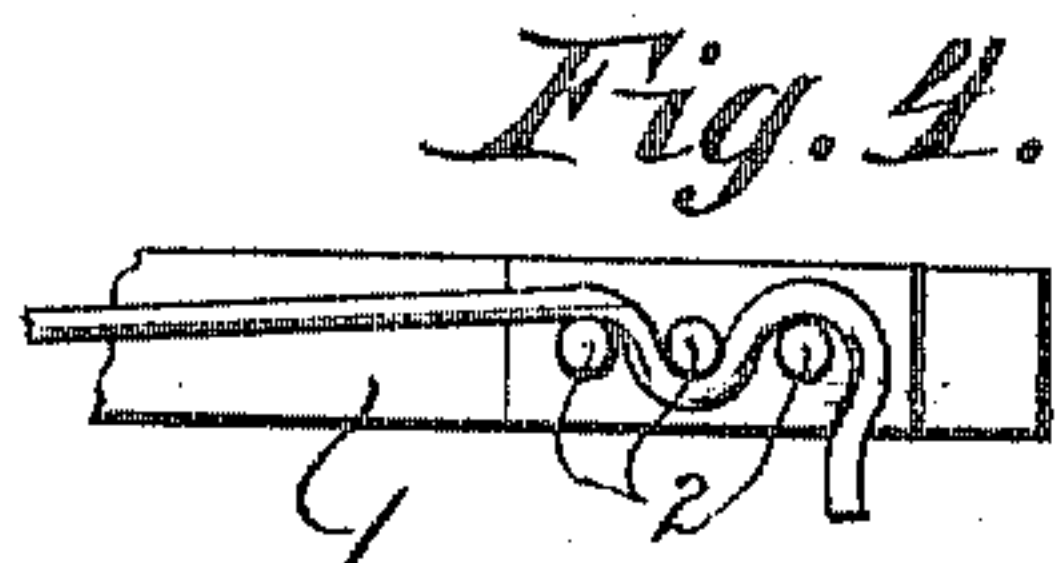
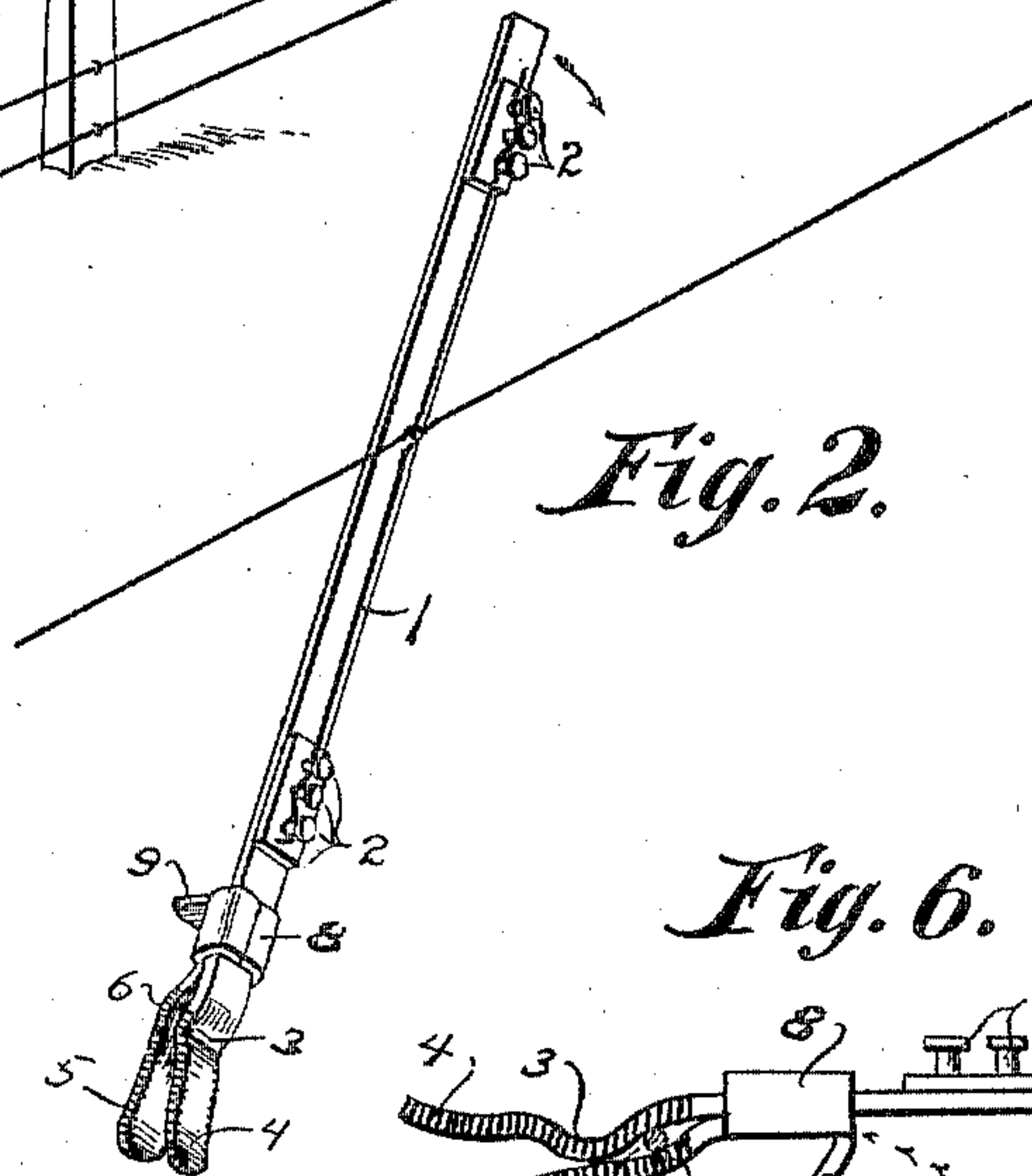
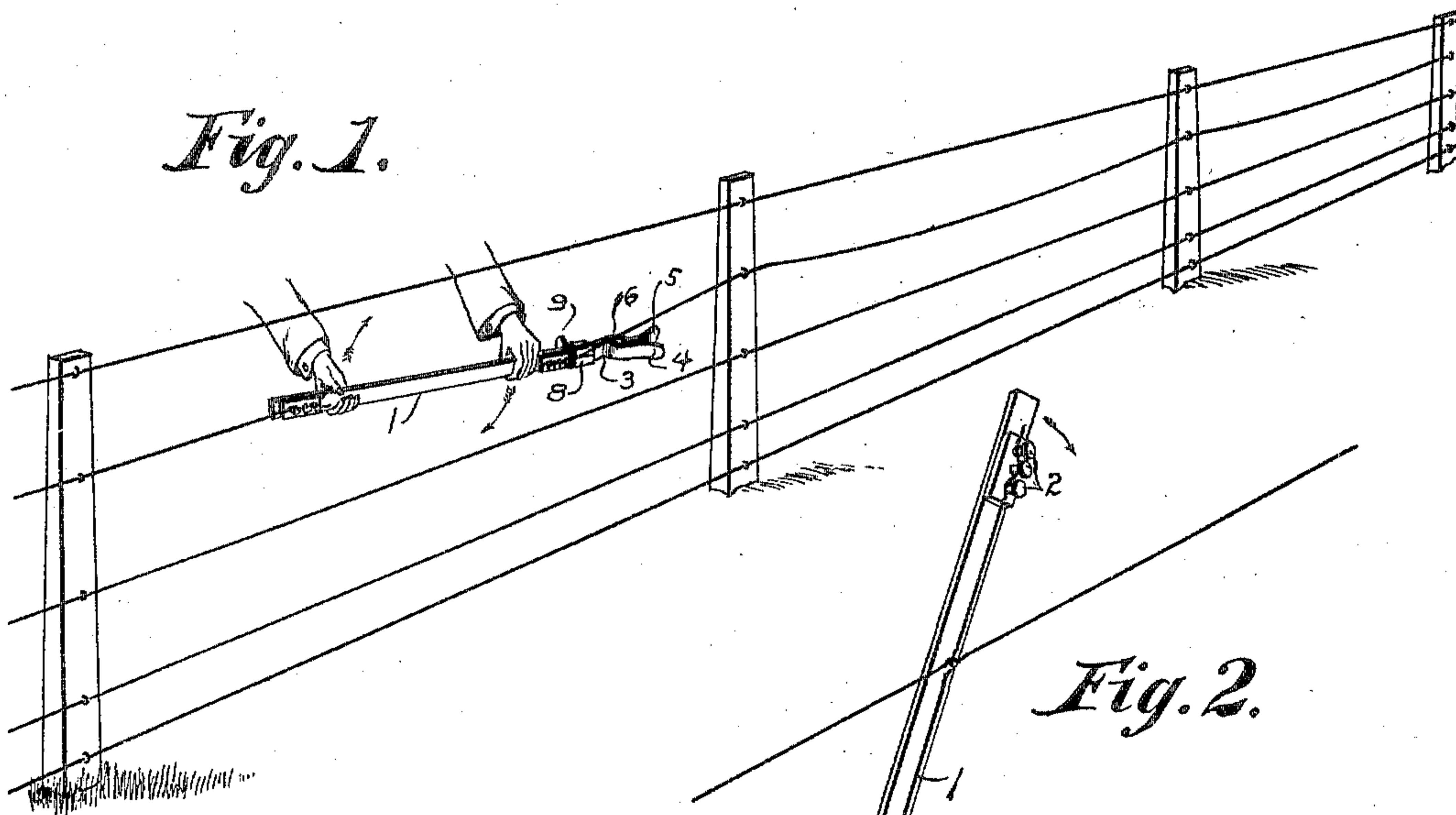


No. 817,190.

PATENTED APR. 10, 1906.

G. W. RIKER.  
WIRE STRETCHER.  
APPLICATION FILED NOV. 4, 1905.



WITNESSES:  
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# UNITED STATES PATENT OFFICE

GEORGE W. RIKER, OF RUSSELL, IOWA.

## WIRE-STRETCHER.

No. 817,190.

Specification of Letters Patent.

Patented April 10, 1906.

Application filed November 4, 1905. Serial No 285,808.

*To all whom it may concern:*

Be it known that I, GEORGE W. RIKER, a citizen of the United States, residing at Russell, in the county of Lucas and State of Iowa, have invented new and useful Improvements in Wire-Stretchers, of which the following is a specification.

The invention relates to improvements in wire-stretchers; and the object of the invention is to provide a generally improved device of this class, which by reason of its simplicity, cheapness, and general efficiency will be better adapted to its intended purposes than any other device of the same class with which I am acquainted.

Another object is to provide means upon one end of the stretcher-bar to form a stretcher-lever for securely gripping a wire at any post and stretching and fastening to the same or any intermediate post, if desired.

With these ends in view the invention consists in the novel construction, arrangement, and combination of parts, hereinafter described, illustrated in the accompanying drawings, and particularly pointed out in the appended claims.

Referring now to the accompanying drawings, forming part of this specification, Figure 1 is a perspective view of the improved wire-stretcher in its operative position as applied to the adjacent ends of a broken wire of a fence preparatory to stretching and bringing the wires together for uniting; Fig. 2, a perspective view of the same in its position after stretching and crossing the wires preparatory to uniting by looping, twisting, or winding; Fig. 3, a perspective view of the same as used as a stretcher-lever upon a post; Fig. 4, a detail view of the gripping means for securing the ends of a wire to the stretcher-bar; Fig. 5, a detail view of the united ends of a broken wire as united by twisting the ends after being stretched and held in position by the improved stretcher-bar; Fig. 6, a detail view of the gripping mechanism formed at one end of the bar to form a stretcher-lever and showing manner of moving the parts to securely grip the wire.

Similar numerals of reference designate like parts throughout all the figures of the drawings.

The improved stretcher-bar 1 is provided with a series of pins or pegs 2, suitably mounted therein or formed integral therewith, and said pins or pegs are adapted to

grip and securely hold the ends of a wire when wound about the same, as shown most clearly in Fig. 4 of the drawings.

In order to adapt stretcher-bar 1 for use as a stretcher-lever for gripping and stretching the wire at a post, as shown in Fig. 3, and securely fastening the wire to the post when stretched, one end of the stretcher-bar is bent to form a transverse rib portion 3 and an arm or jaw portion 4. A second coacting gripping arm or jaw portion 5 is slidably mounted on the end of the bar 1 above the transverse rib portion 3 and is provided with a similarly-shaped or enlarged transverse rib portion 6, adapted to form a recess 7 between the said rib portions of the arms for the reception of the wire and to grip the same securely, as shown most clearly in Fig. 6 of the drawings. The second coacting gripping arm or jaw portion 5 is slidably secured on the end of the bar 1 by means of the integral wings bent about the bar 1 to form a sleeve 8 and is provided at its side with a laterally-extending arm or handle 9, by means of which it may be manipulated and also providing a seat adapted to be struck by a hammer in forcing the same to securely engage and grip the wire, if found necessary or desirable.

Owing to the simplicity of the invention, its operations and advantages will be readily understood from the foregoing description, taken in connection with the accompanying drawings.

Having thus described my invention without having attempted to set forth all the forms in which it may be made or all the modes of its use, I declare that what I claim, and desire to secure by Letters Patent, is—

1. A wire-stretcher, consisting of a bar provided at its end with a transverse rib portion and an arm or jaw portion, and a second coacting gripping or jaw portion slidably mounted thereon.

2. A wire-stretcher, consisting of a bar provided at its ends with a transverse portion and an arm or jaw portion, and a second coacting gripping or jaw portion slidably mounted thereon, and provided with a similarly-shaped transverse rib portion adapted to form a recess between it and the said rib portion of said first-mentioned arm for the reception of the wire to grip the same.

3. In a wire-stretcher, the combination with a bar provided at its end with a transverse rib portion; of a second coacting por-

tion slidably mounted thereon, and provided with a transverse rib portion adapted to grip the wire.

4. In a wire-stretcher, the combination  
5 with a bar provided at its end with a transverse rib portion, and an arm or jaw portion; of a second coacting gripping arm or jaw portion slidably mounted thereon and provided with a similarly-shaped transverse rib por-

tion adapted to form a recess between the 10 rib portions of said jaws for the reception of the wire.

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

GEORGE W. RIKER.

Witnesses:

N. M. PIERCE,

J. W. EASTES.