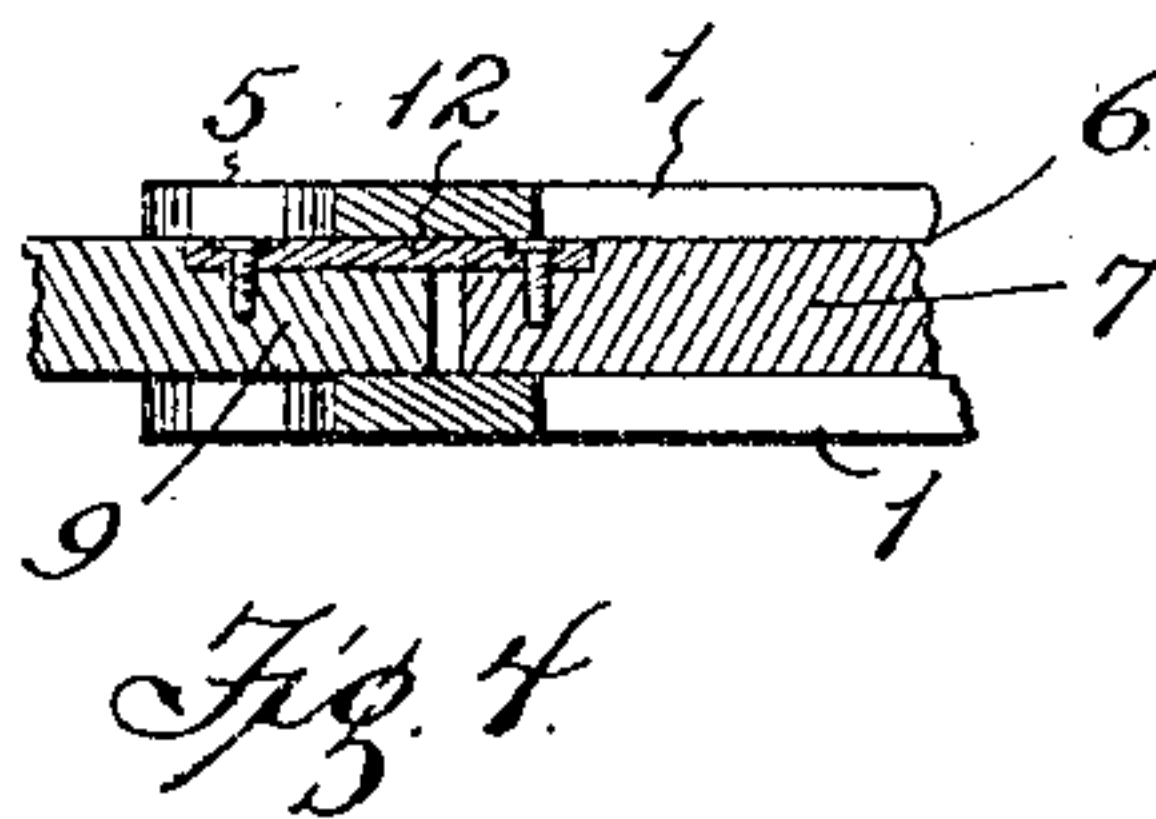
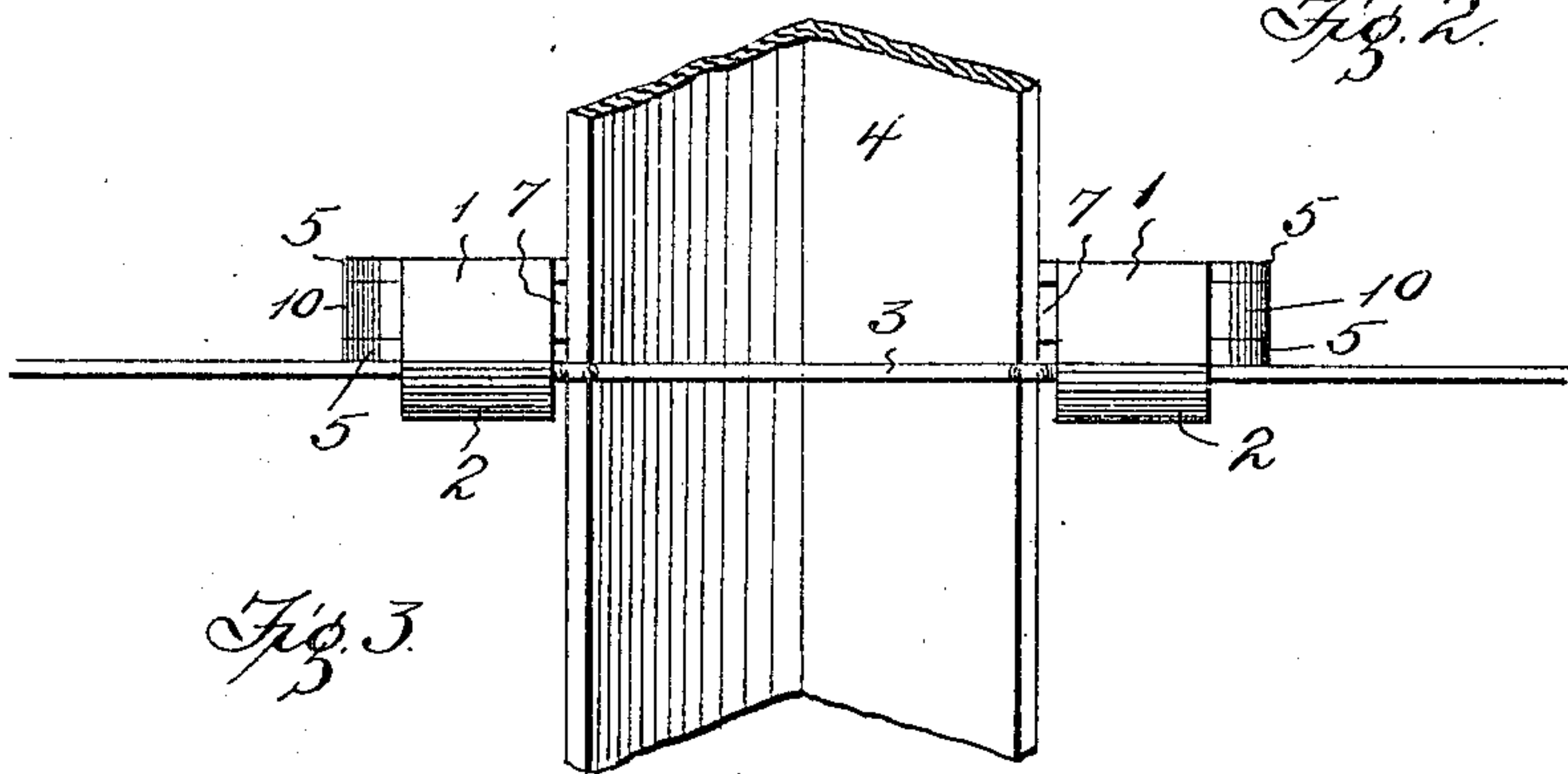
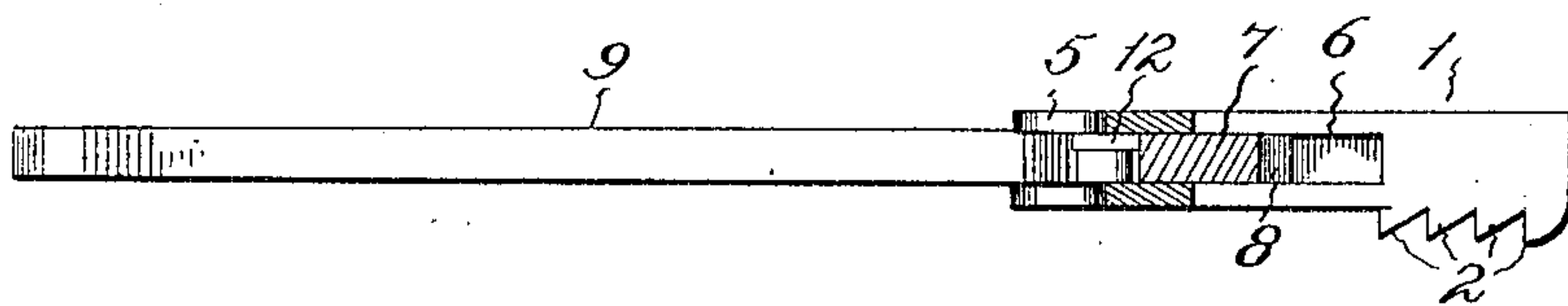
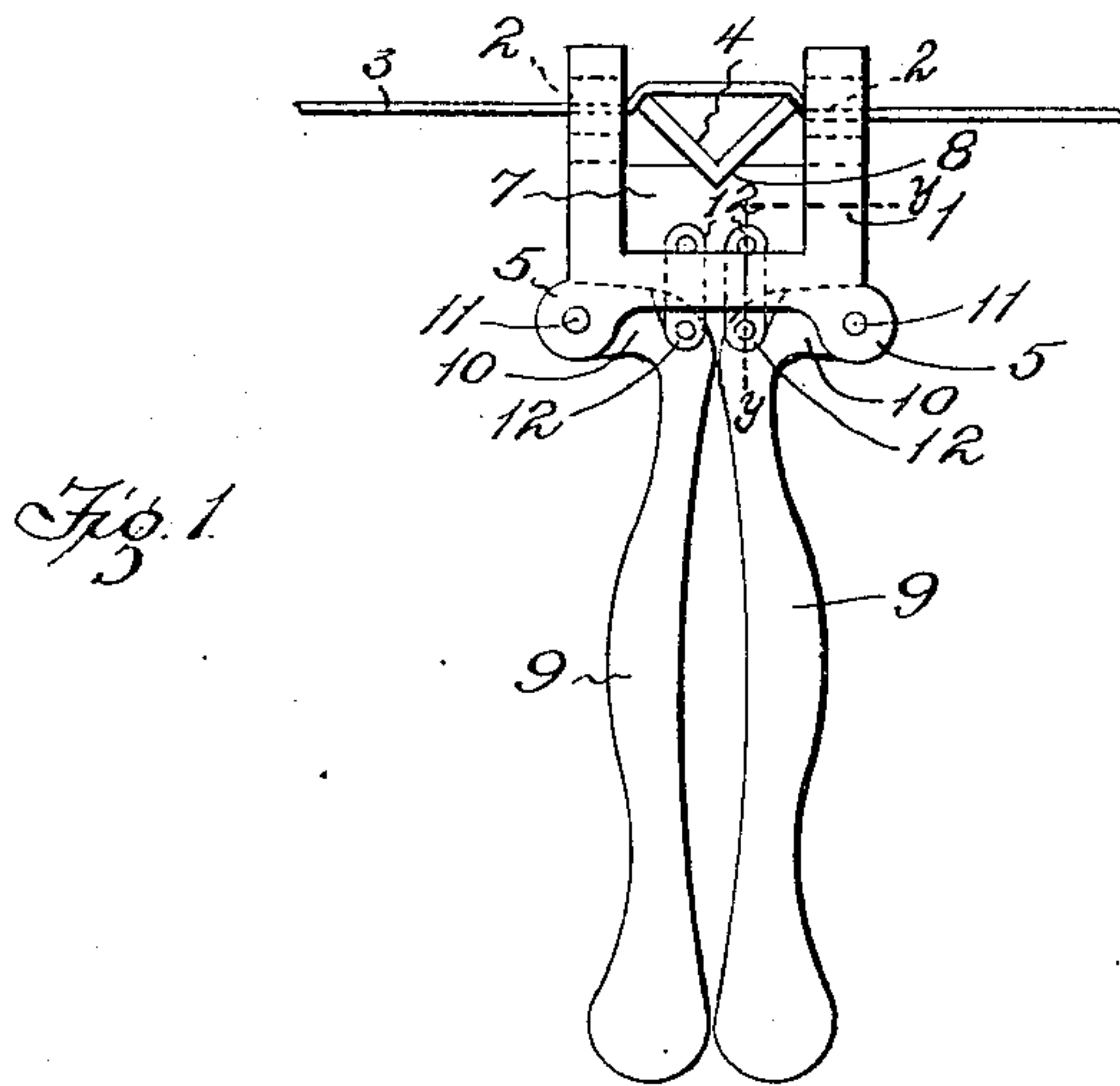


No. 812,265.

PATENTED FEB. 13, 1906.

H. HANSBERGER.  
WIRE FENCE TOOL.  
APPLICATION FILED SEPT. 9, 1905.



WITNESSES:  
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# UNITED STATES PATENT OFFICE.

HENRY HANSBERGER, OF MILLERSPORT, OHIO.

## WIRE-FENCE TOOL.

No. 812,265.

Specification of Letters Patent.

Patented Feb. 13, 1906.

Application filed September 9, 1905. Serial No. 277,751.

*To all whom it may concern:*

Be it known that I, HENRY HANSBERGER, a citizen of the United States, residing at Millersport, in the county of Fairfield and State of Ohio, have invented certain new and useful Improvements in Wire-Fence Tools, of which the following is a specification.

My invention relates to new and useful improvements in wire-fence tools.

The object of the invention is to provide a tool for drawing a strand-wire about a fence-post to permit the fastening to be engaged with the wire.

Finally, the object of the invention is to provide a tool of the character described that will be strong, durable, efficient, and simple and inexpensive to make and one which will operate with ease and speed.

With the above and other objects in view the invention consists of the novel details of construction and operation, a preferable embodiment of which is described in the specification and illustrated in the accompanying drawings, wherein—

Figure 1 is a plan view of the tool in position on a fence-post with the parts retracted. Fig. 2 is a longitudinal sectional view of the tool with the parts extended. Fig. 3 is a front elevation of the parts shown in Fig. 1, and Fig. 4 is a sectional view taken on the line *y y* of Fig. 1.

My tool is more especially designed to be used in connection with the application of the clamp shown in my Patent No. 793,371, issued under date of June 27, 1905.

In the drawings, the numeral 1 designates a substantially U-shaped drawing-head or yoke, on the under sides of the outer ends of which are formed teeth 2, adapted to engage the strand-wire 3 to be drawn about the post 4. At its rear or inner end the head is slotted or bifurcated and formed with outwardly-extending ears 5. Guideways or grooves 6 are formed in the head and receive a cross-bar or plate 7, the latter being provided with a central notch 8 to receive the apex of the fence-post, which, as illustrated, is triangular in cross-section.

Hand-levers 9 are provided with opposed offset ends or arms 10, pivoted on pins 11 be-

tween the ears 5. The intersections of the levers and the offset ends form knees or elbows, to which are pivotally secured the ends of links 12, having their opposite ends pivotally secured to the cross-bar 7 and operating through the slotted portion of the head. The levers and the cross-bars are preferably recessed at the pivot-points of the links to permit the latter to lie flush with the surfaces thereof, as shown in Fig. 4.

In utilizing my tool the proper corresponding teeth 2, according to the tension of the wire, are engaged over the strand-wire 3 and the apex of the post 4 received in the notch 8 of the cross-bar 7. The parts being in these positions will cause the hand-levers 9 to be spread or swung apart and the extended position had. By simply forcing the hand-levers 9 toward each other the drawing-head 1 is drawn rearward, sliding on the cross-bar 7 by means of the guideways 6. When the hand-levers are swung together, the parts will be retracted and the strand-wire 3 drawn about the post to such an extent that the clamp may be readily placed in position and the wire fastened.

It will be apparent that a great leverage may be obtained by the levers 9 and comparatively heavy wire under considerable tension may be readily and without much exertion drawn about the fence-post to permit the placing of the clamp or fastening.

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

1. A wire-fence tool comprising a drawing-head provided with wire-engaging means, a cross-bar movably mounted in the head adapted to form a fixed bearing for the head, and oppositely-movable operating-levers having pivotal connection with the head and the cross-bar.

2. A wire-fence tool comprising a drawing-head provided with wire-engaging teeth, a cross-bar on which the head is slidably mounted, oppositely-movable hand-levers pivotally connected with the bar, and links pivotally connected with the levers and the cross-bar.

3. A wire-fence tool comprising a substan-

tially U-shaped drawing-head provided with  
a plurality of wire-engaging teeth, a cross-bar  
on which the head is slidably mounted pro-  
vided with a post-receiving notch, hand-levers  
5 having offset ends connected to the bar, and  
toggle-links having pivotal connection with  
the cross-bar and the levers.

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

HENRY HANSBERGER.

Witnesses:

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