

No. 694,814.

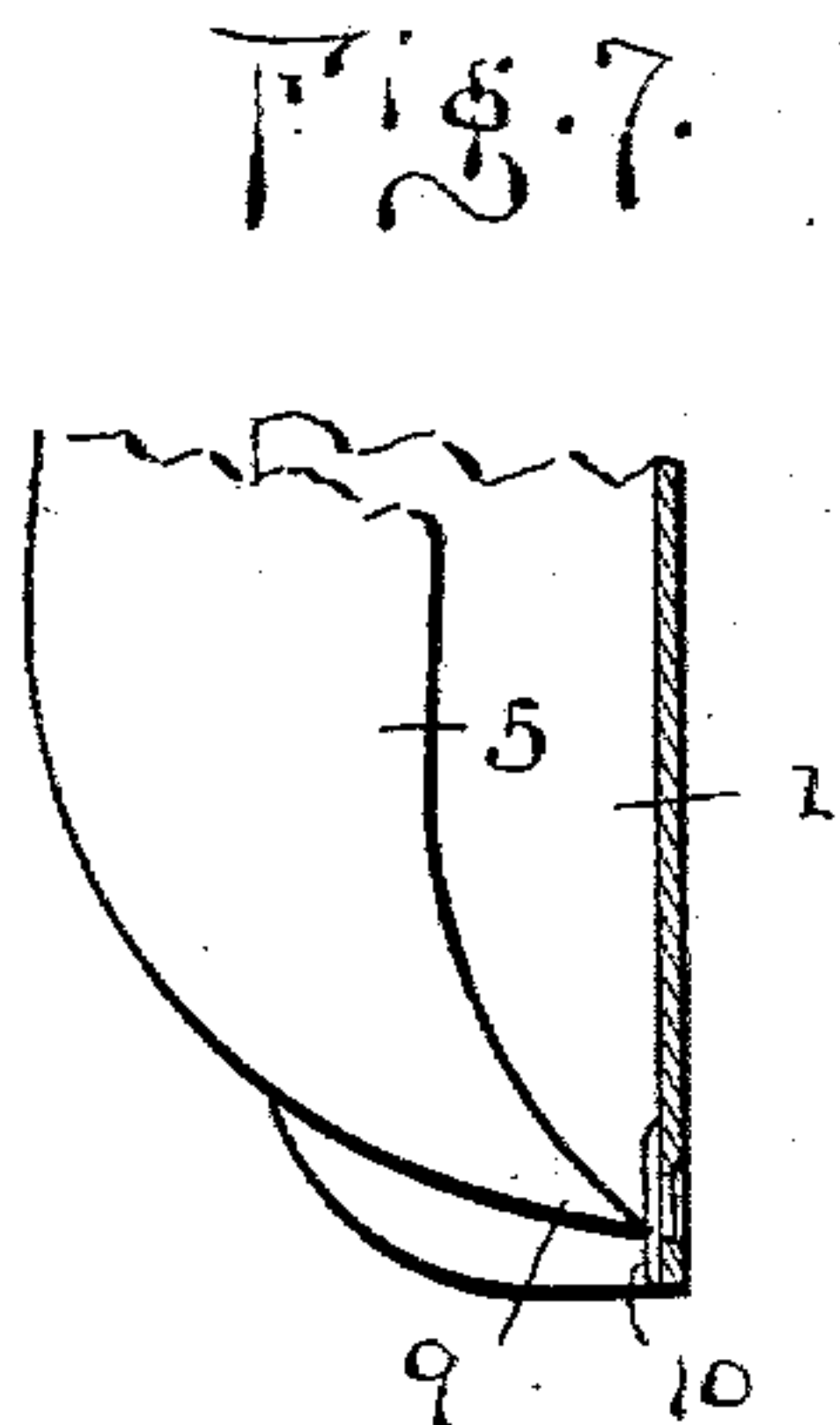
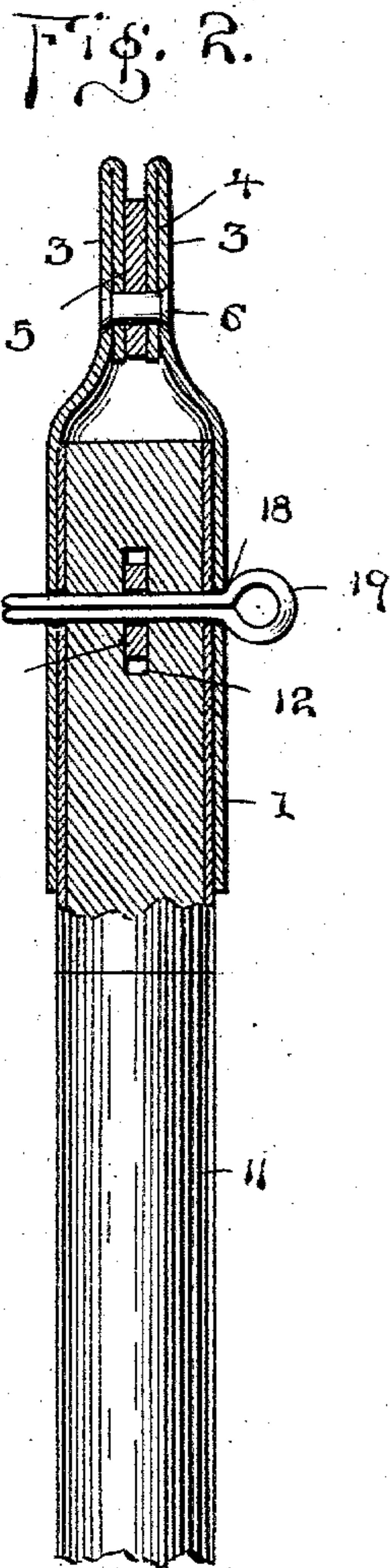
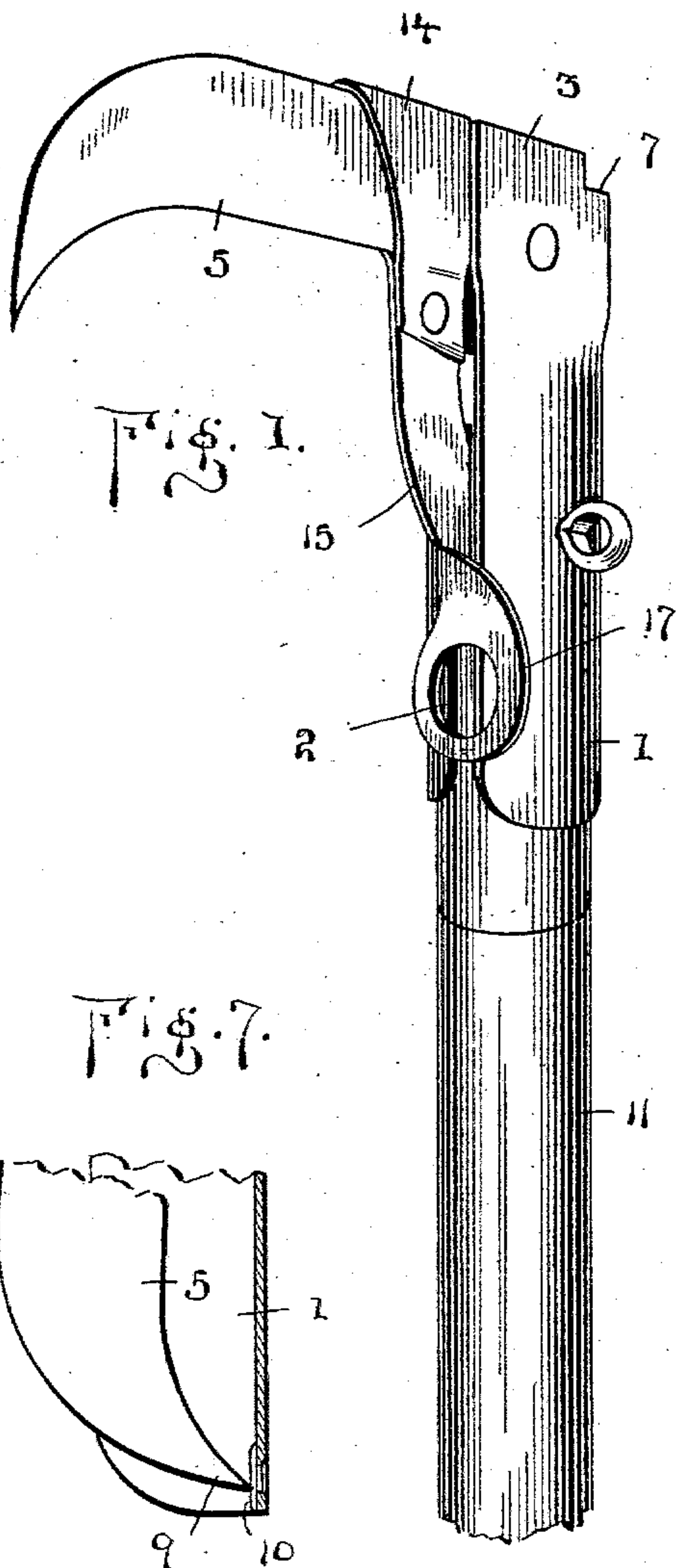
Patented Mar. 4, 1902.

A. ZWICKER.  
KNIFE.

(Application filed Oct. 12, 1901.)

(No Model.)

2 Sheets—Sheet 1.



Witnesses  
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2 Sheets—Sheet 2.

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Fig. 3.

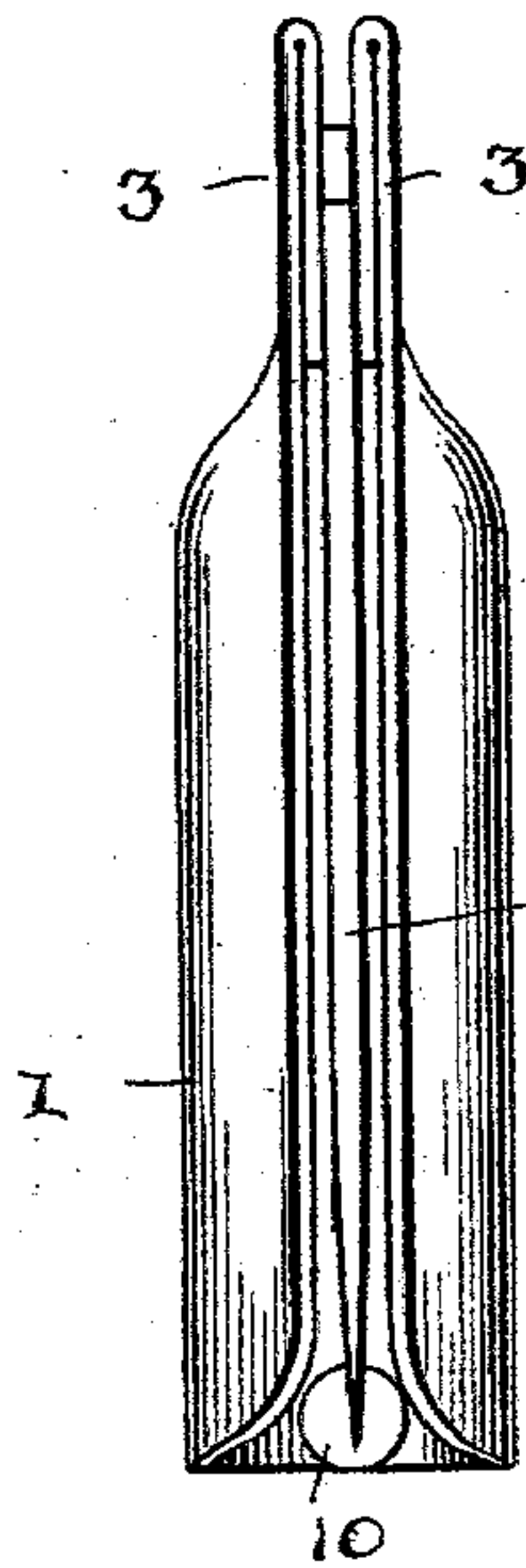


Fig. 4.

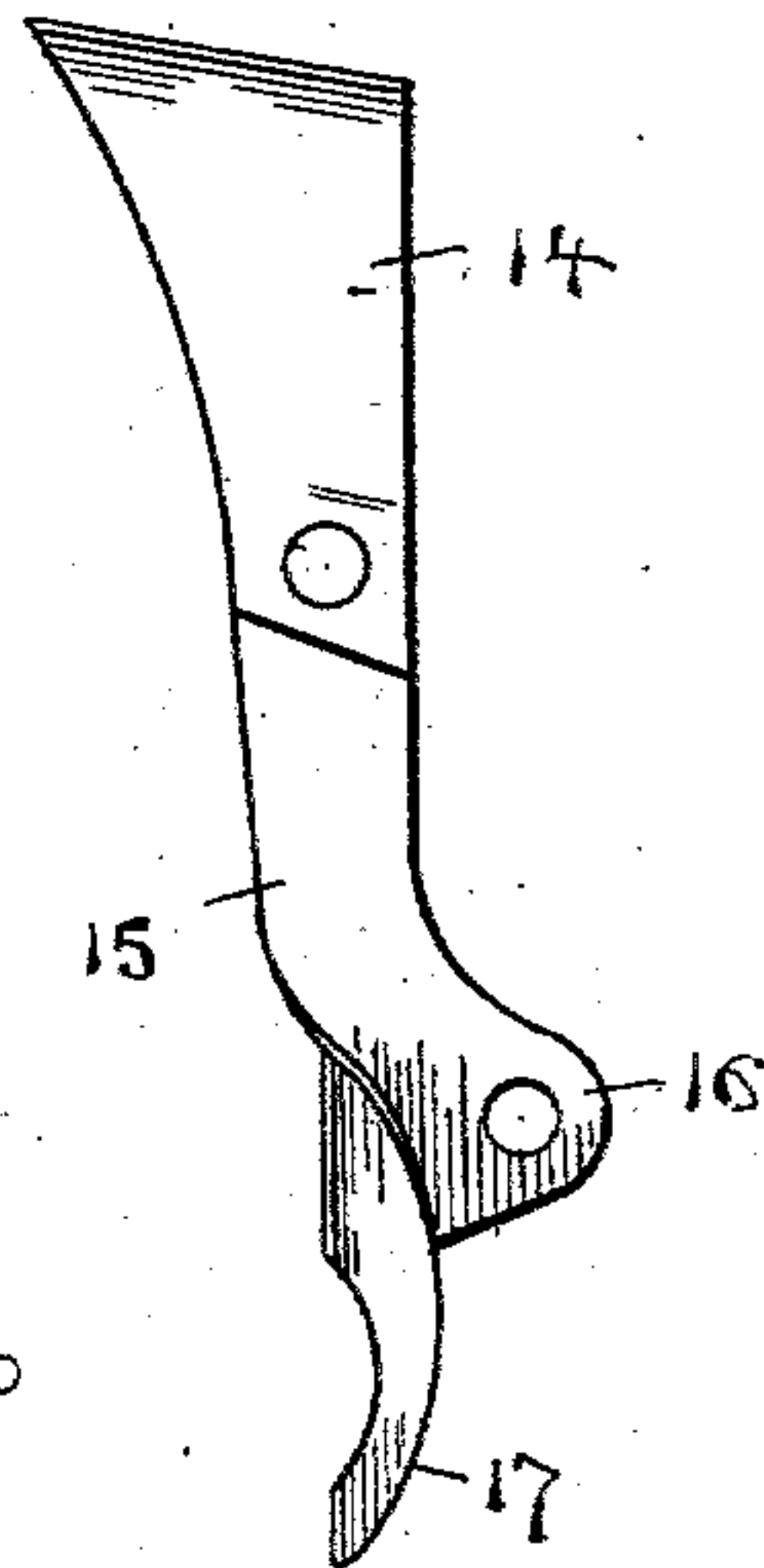


Fig. 8.

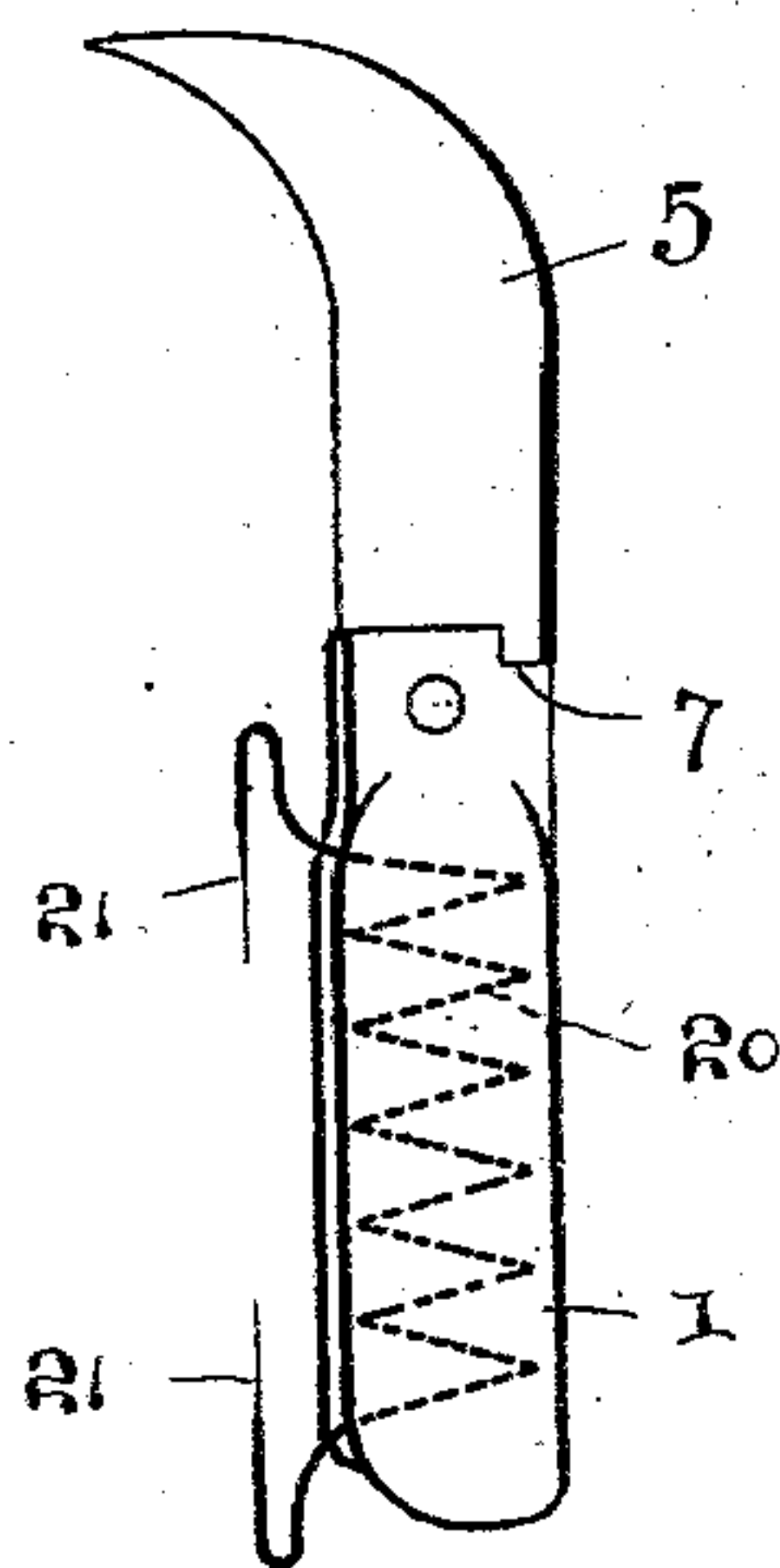


Fig. 6.

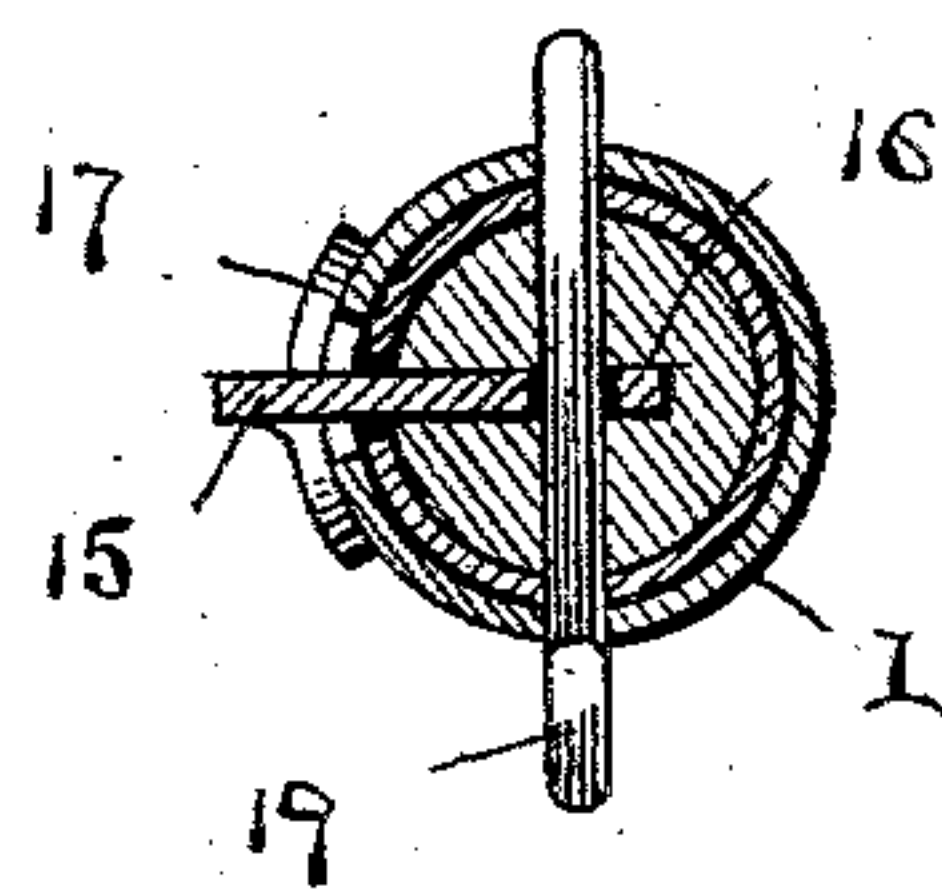
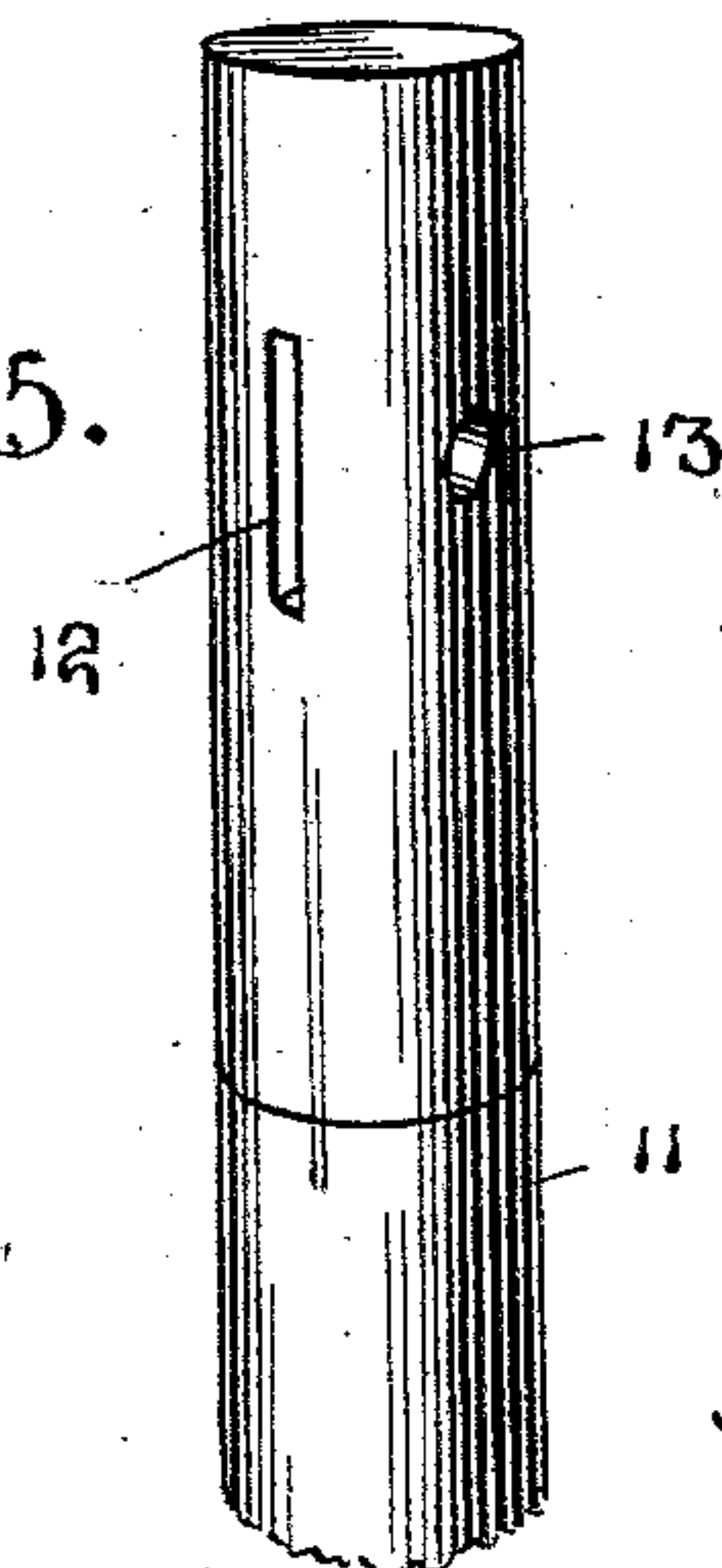


Fig. 5.



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# UNITED STATES PATENT OFFICE.

AUGUST ZWICKER, OF RUSK, TEXAS.

## KNIFE.

SPECIFICATION forming part of Letters Patent No. 694,814, dated March 4, 1902.

Application filed October 12, 1901. Serial No. 78,499. (No model.)

*To all whom it may concern:*

Be it known that I, AUGUST ZWICKER, a citizen of the United States, residing at Rusk, in the county of Cherokee and State of Texas, have invented new and useful Improvements in Knives, of which the following is a specification.

My invention relates to pruning-knives; and its primary object is to provide a device of this character of simple and inexpensive construction which will be light, but strong and durable and capable of general use as a pruning implement for shrubbery and trees.

The improvement may be used with or without a rod or pole and is provided with means for suspending it from the clothing of the user when temporarily not required for use.

The construction of the improvement will be fully described hereinafter in connection with the accompanying drawings, which form part of this specification, and its novel features will be particularly pointed out in the appended claims.

In the drawings, Figure 1 is a view in perspective of the invention applied to a pole. Fig. 2 is a vertical section of the same. Fig. 3 is front elevation of the knife with the pole removed and attached to a spring for suspending the knife from the person of the user. Fig. 4 is a side elevation of the securing-yoke employed detached. Fig. 5 is a perspective view of the upper end of the pole. Fig. 6 is a horizontal section illustrating the means for securing the knife-handle and yoke to the pole. Fig. 7 is a fragmentary sectional view taken through one end of the handle and illustrating the relative positions of the point of the knife and the guard-plate; and Fig. 8 is a side elevation of a knife, illustrating the means of fastening the same to a garment.

The reference-numeral 1 designates the hollow knife-handle, formed from a single piece of metal and having at its front side a slot 2, extending throughout the length of the handle. The upper ends 3 of the sides of the handle are extended and bent inward upon themselves to form friction-jaws 4, between which the blade 5 is pivotally secured by a rivet 6. A shoulder 7 is formed at the upper end of the handle to serve as a stop against which the shoulder 8 of the blade abuts when the blade is fully opened, as shown by dotted

lines in Fig. 1. The blade 5 is of hook form, as shown, and its point 9 when the blade is closed rests upon a guard-plate 10, of suitable material, set into the handle, as shown in Fig. 7.

The knife comprising merely the handle and blade as thus far described is a convenient implement for garden use; but when the device is to be employed as a pruning-hook for trees the blade is turned to the position shown in Fig. 1 and a pole 11 is inserted into the hollow handle, which serves as a socket for the pole. The upper end of the pole is formed with a longitudinal slot 12 and a transverse opening 13 for the purpose hereinafter explained.

14 designates a yoke fitting over the blade and having an arm 15, formed with a perforated lug 16 and a curved finger-piece 17. The lug 16 extends through the slot in the handle, and its perforation registers with the opening 13 of the handle and diametrically opposite holes 18, formed in the handle. A colter-pin 19 extends through the handle, pole, and lug 16, thus securing these parts firmly together and maintaining the blade in the position shown in Fig. 1.

The utility of the device will be readily appreciated from the foregoing description, in connection with the illustration in the drawings.

The pole 11 may be of any desired length, and the ease with which the pole may be attached and detached constitutes an important feature of the invention.

In Fig. 8 I have shown means for suspending the knife from the person of the user, which consists of a coil-spring 20, formed at its ends with inwardly-projecting pins 21, adapted to engage the clothes of the user. The coils of the spring may be forced between the sides of the handle 1, and by resting within the slot 2 the knife will be retained in a supported position—that is, by confining the spring within the handle the liability of the knife becoming misplaced or dropping will be reduced.

I claim—

1. A pruning-knife comprising a slotted handle and a pivoted blade, in combination with means for holding said blade in a partially-closed position, comprising a yoke fit-

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ting over the blade and a depending handle and means for detachably securing the said depending handle to the handle of the knife.

2. A pruning-knife comprising a hollow  
5 slotted handle having registering openings and a pivoted blade, in combination with a pole fitting within the handle and having an opening registering with the openings in the handle, a securing-pin extending through said  
10 openings, and means for securing the blade in partially-closed position.

3. A pruning-knife, comprising a hollow slotted handle having registering openings and a pivoted blade, in combination with a  
15 pole fitting within the handle and having an opening registering with the openings in the handle, a securing-pin extending through said

openings, and means for securing the blade in partially-closed position comprising a yoke fitting over the handle and having a perforated ear extending through the slot in the handle, and a slot in the pole and held by the pin which secures the pole to the handle. 20

4. The combination with a pruning-knife comprising a slotted handle and pivoted  
25 blade, of a suspending device therefor consisting of a coil-spring having pins projecting from the ends thereof.

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

AUGUST ZWICKER.

Witnesses:

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