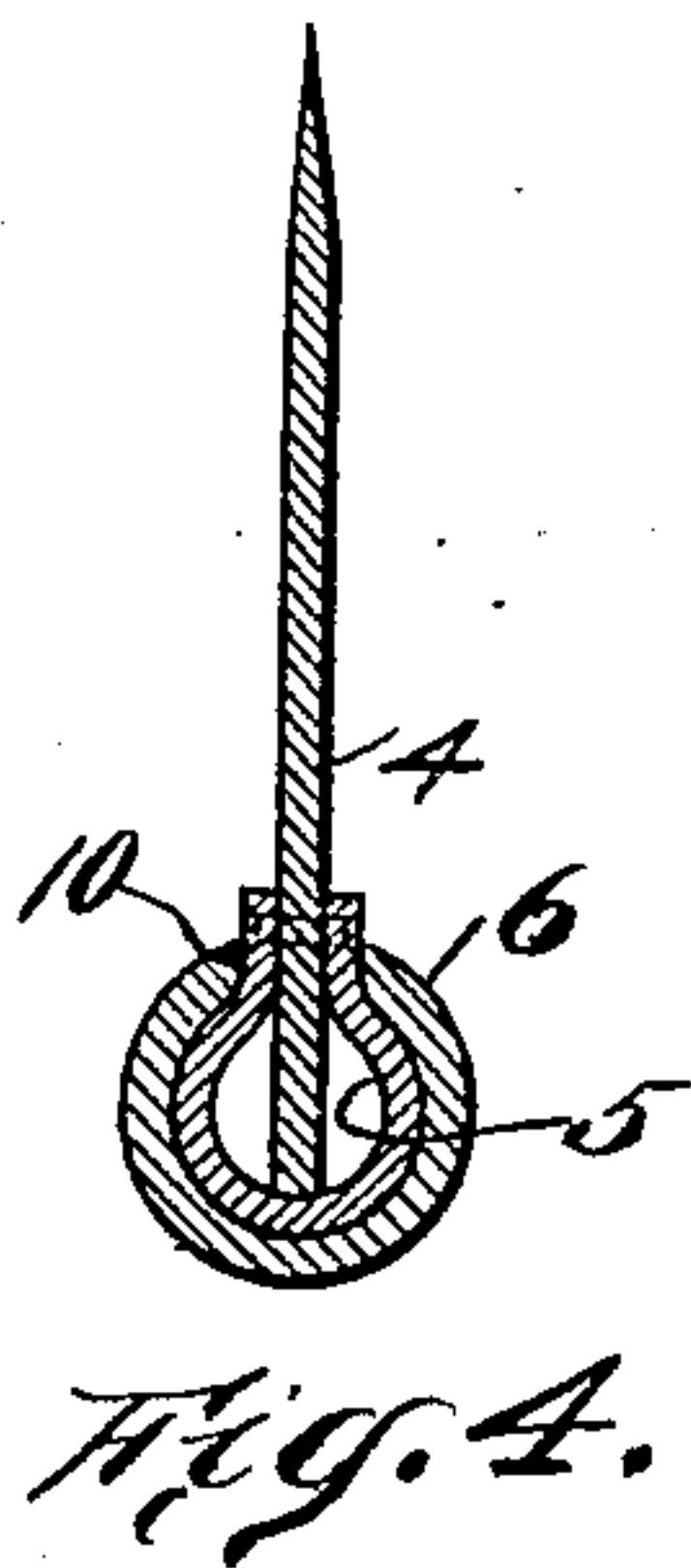
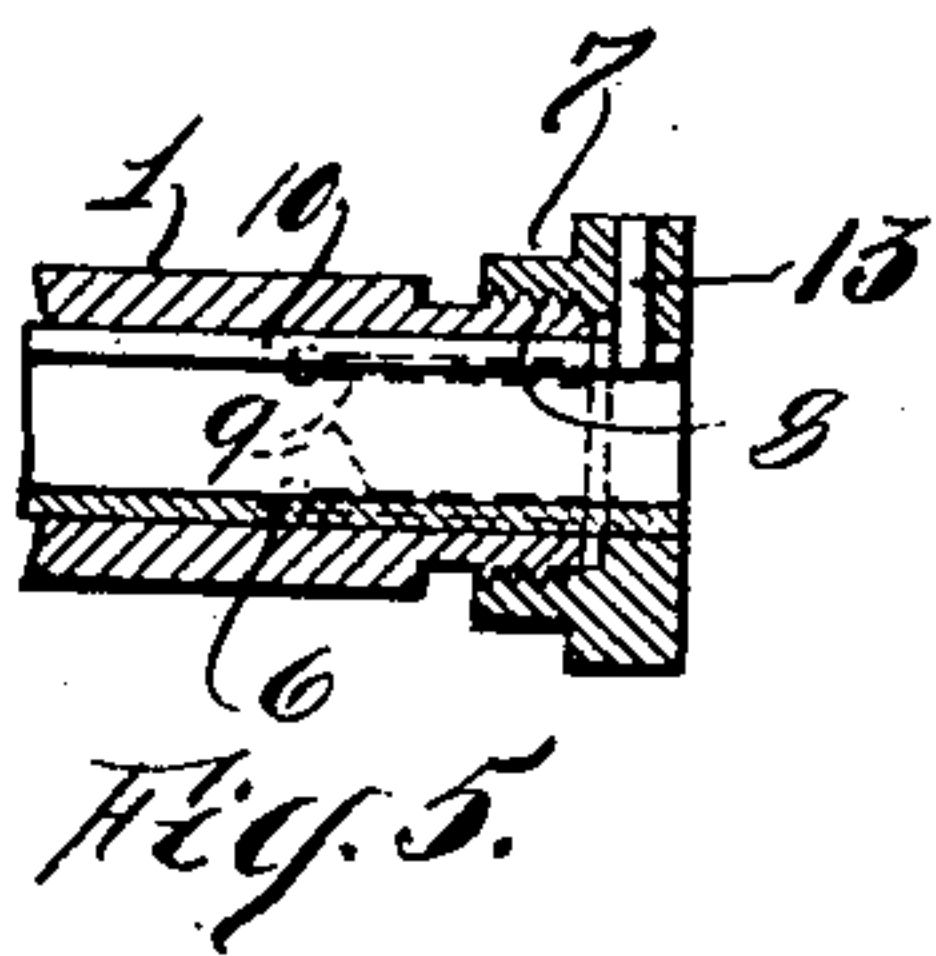
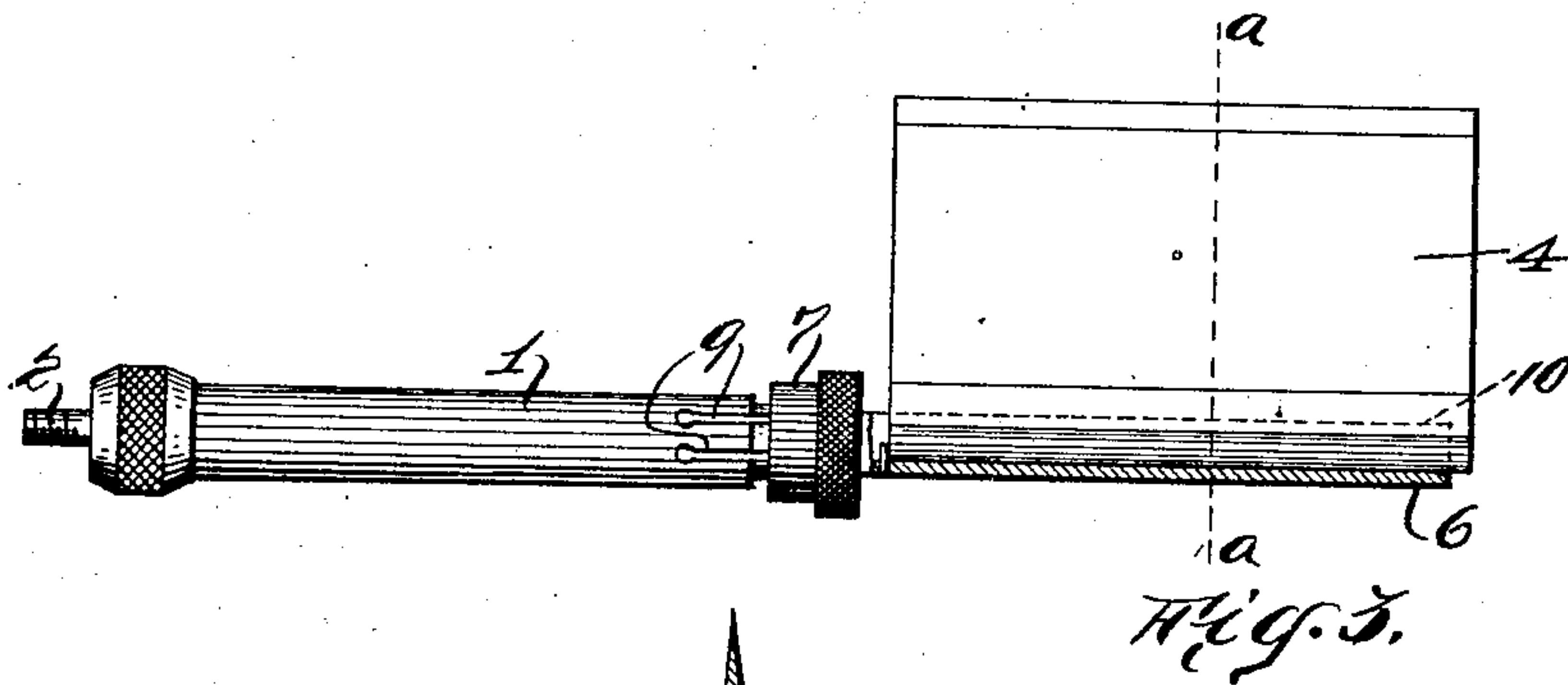
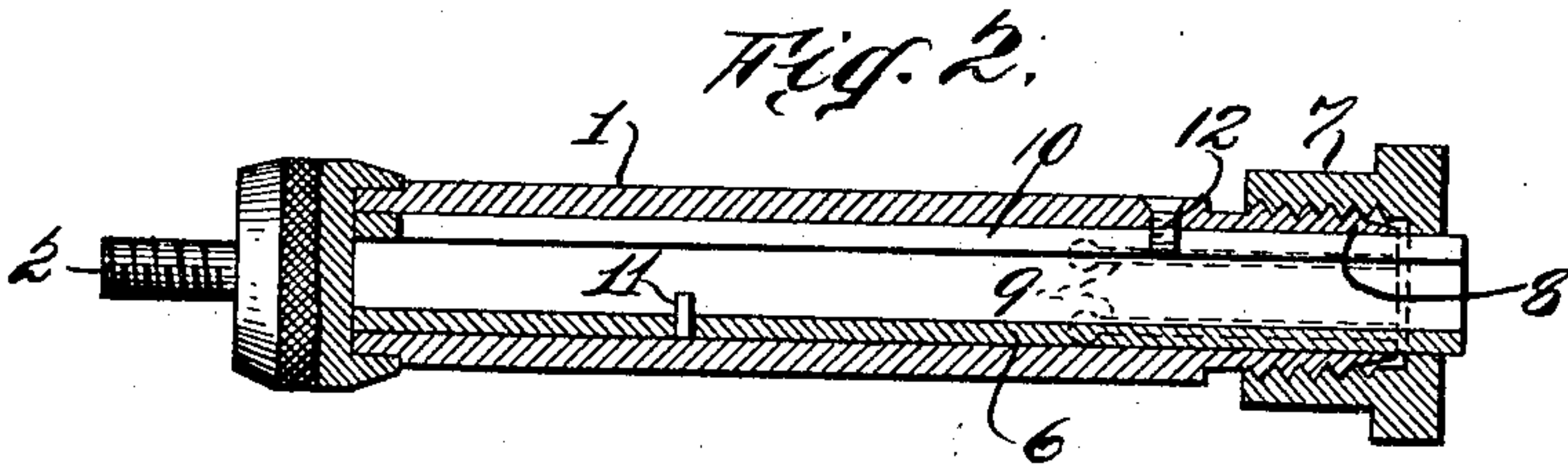
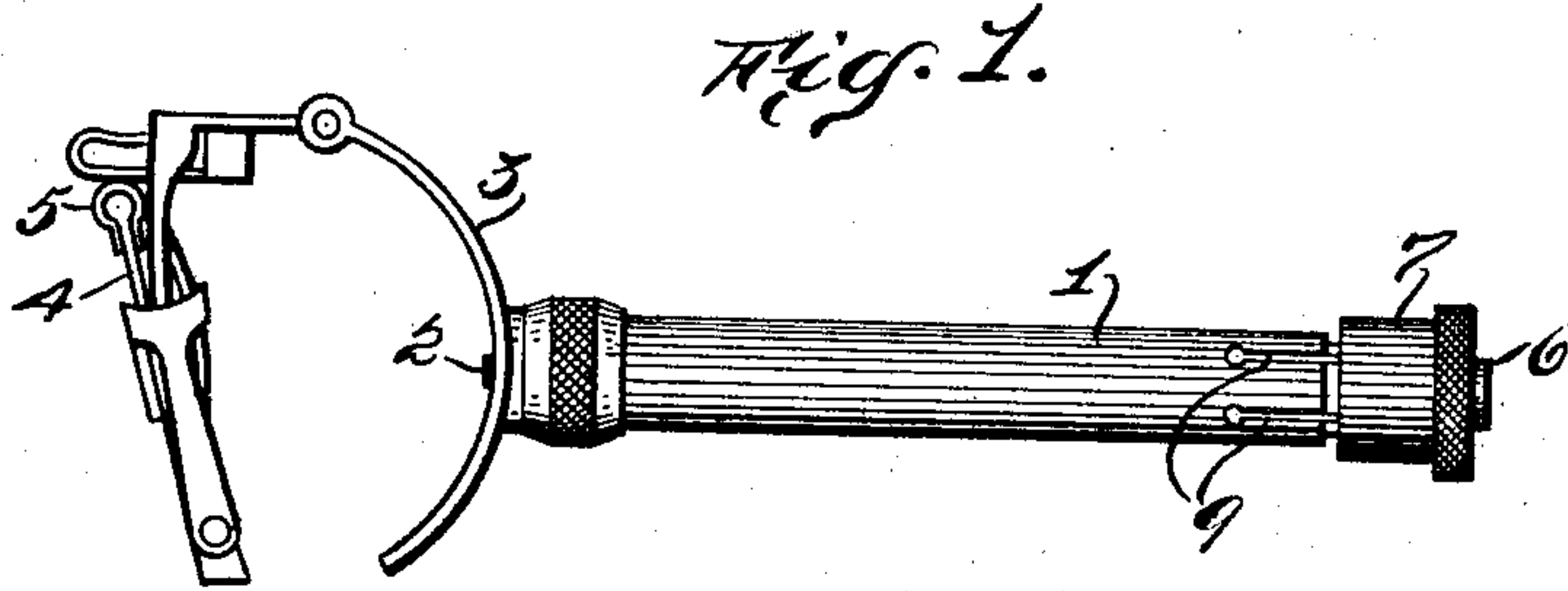


R. KAMPFE.
SAFETY RAZOR.
APPLICATION FILED NOV. 4, 1910.

998,184.

Patented July 18, 1911.



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UNITED STATES PATENT OFFICE.

RICHARD KAMPFE, OF NEW YORK, N. Y.

SAFETY-RAZOR.

998,184.

Specification of Letters Patent. Patented July 18, 1911.

Application filed November 4, 1910. Serial No. 590,631.

To all whom it may concern:

Be it known that I, RICHARD KAMPFE, a citizen of the United States of America, residing at the borough of Brooklyn, county of Kings, city and State of New York, have invented certain new and useful Improvements in Safety-Razors, of which the following is a full, clear, and exact description.

This invention relates to an improvement in safety-razors, but more particularly to the handles thereof, the chief object of the invention being to provide a combined safety-razor handle and blade-holder for stropping purposes, whereby the necessity of providing a separate holder, for the blades of safety-razors is obviated.

As safety-razors are usually sold in sets of disconnected members, all of which are adapted for connection, one to the other to form a razor, it is customary to supply in each set a holder for the cutting-blades by the aid of which the blades may be stropped. One of the main objections to this separate holder is that it can be easily lost, and when lost the blades cannot be stropped without obtaining a separate blade-holder. As my invention consists of a handle for safety-razors which is provided with a holder for the blades, the danger of losing the holder is reduced to a minimum to say nothing of the convenience resulting from the combination.

The holder which forms part of my invention can be constructed to retain any form of safety-razor blades but it is more particularly intended to retain blades having a rounded protector for the back edge or heel.

I will now proceed to describe my invention in detail, the novel features of which will be pointed out in the appended claim, reference being had to the accompanying drawing, forming part hereof, wherein:—

Figure 1 is a side-elevation of a safety-razor provided with my improvement, the blade-holder being shown as pushed into the handle, this view illustrating the normal position of the holder; Fig. 2 is an enlarged longitudinal central sectional view, partly in elevation, of my improved combined handle and blade-holder. Fig. 3 is a side elevation of my improved safety-razor handle, the blade-holder being illustrated in position to retain a blade for the purpose of stropping same, a blade being also illustrated; Fig. 4

is an enlarged cross sectional view, taken on a line *a— a* in Fig. 3; and Fig. 5 is a fragmentary sectional view of the handle and blade-holder showing another manner of providing a stop for the blade-holder.

Referring to the drawing, the numeral 1 indicates one feature of my invention which comprises a tubular handle provided with a threaded stud 2, which adapts the handle 1 for attachment to a safety-razor frame 3, adapted to retain a cutting blade 4. The blade 4 is of the more modern style, the back edge or heel thereof being covered by a rounded or cylindrical shaped protector 5.

A further feature of my invention comprises a tubular holder 6 which is retained by the handle 1. To render the safety razor, as a whole, compact, I preferably construct the holder 6 to slidably fit the bore of the handle 1, whereby the said holder can be pushed into the handle 1, when not in use (as shown in Fig. 1), or pulled out (as shown in Fig. 3) for the purpose of inserting a blade therein.

To fix the holder 6, or rather to secure the said holder in its normal and in its operative position, I provide a binding thumb-nut 7, which is threaded and adapted to engage the slightly tapered threaded end 8 of the handle 1. To render the said end 8 resilient, thereby adapting it for the purpose of gripping or clutching the blade-holder 6, I slot the said end as at 9.

To adapt the holder 6 to receive and support a cutting blade, such as is herein illustrated, I slot the said holder as at 10. To prevent a blade from being pushed against the thumb-nut 7, when the said blade is inserted in the holder, I provide a stop 11 (see Fig. 2). To prevent the rotation of the holder 6, I provide a screw 12, one end of which enters the slot 10 (see Fig. 2).

When a blade is to be stropped, the holder 6 will be pulled outwardly to its full extent, the distance being controlled by the length of the slot 10, after having first unscrewed the thumb-nut 7. When the holder has been pulled out to its full extent the nut 7 may be run up on the end 8 of the handle 1, thereby causing the contraction of said end and causing it to grip the holder 6, whereby the said holder is held against movement. The blade may now be stropped in the usual manner, the handle for the safety-razor acting as a handle for the blade for stropping purposes.

It will, of course, be understood that the said handle will be detached from the safety-razor frame when used for stropping.

To place the holder in its normal position, the nut 7 will be released, after which the holder may be pushed into the handle and held, by again running up the nut 7 on the handle end 8.

From the above description it will be apparent that my improved device is a telescoping structure, whereby the space now occupied by the elements of a safety-razor, is not increased.

In Fig. 5, which illustrates another form of blade-holder, a stop-pin is indicated by 13, which is carried by the nut 7. The inner end of the pin 13 projects into the slot 10 in the holder 6. The pin 13 prevents the complete withdrawal of the holder from the handle when said holder is drawn out for the purpose of having a cutting blade inserted therein, the screw 12 (Fig. 2) being dispensed with in this form.

My invention embodied in the form illustrated in Fig. 5 differs from the embodiment illustrated in Fig. 1, in the respect that the holder 6 rotates with the nut 7 when said nut is unscrewed, or screwed up, the screw 12 being omitted as above stated. When the

nut 7 has been unscrewed the holder 6 may be caused to slide out of the handle 1 by holding the razor, as a whole, in an inclined position. When the holder projects from the handle sufficiently, the blade to be stropped can then be inserted therein, and the nut 7 can then be screwed up, whereby the holder will be clamped in the handle. While screwing up the nut 7 the holder and blade therein will rotate with the nut.

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

A tubular handle for safety razors provided with a slotted threaded end, a binding nut mounted on said threaded end, a rotatable holder for cutting blades, having a cylindrical bore, slidably mounted in said handle, said holder being provided with a slot longitudinally thereof, and a pin carried by said binding nut, extending into the slot in said holder.

Signed at New York city, N. Y., this 2nd day of November, 1910.

RICHARD KAMPFE.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."