

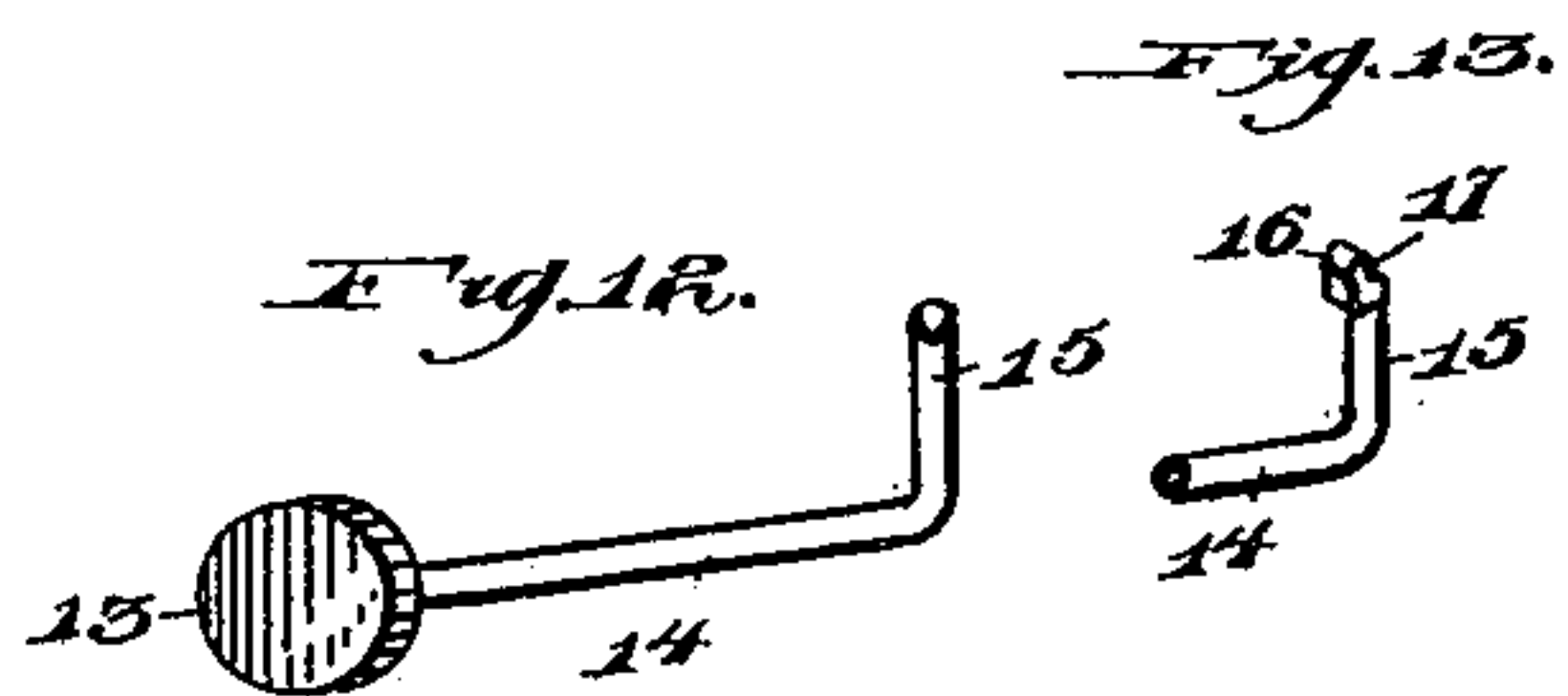
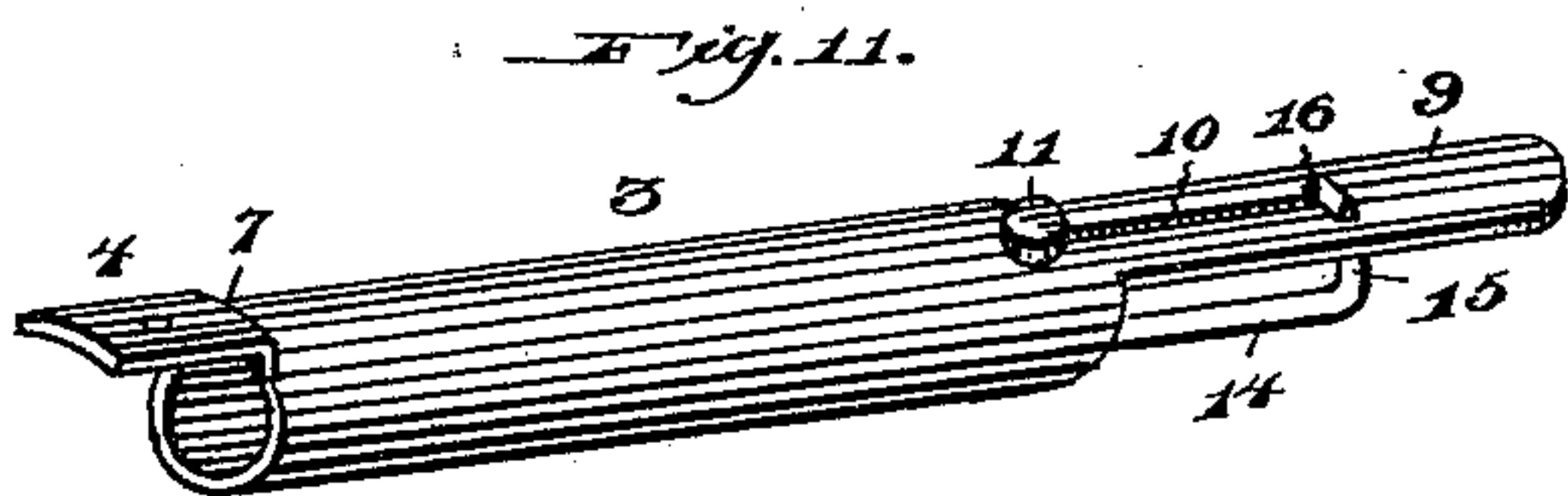
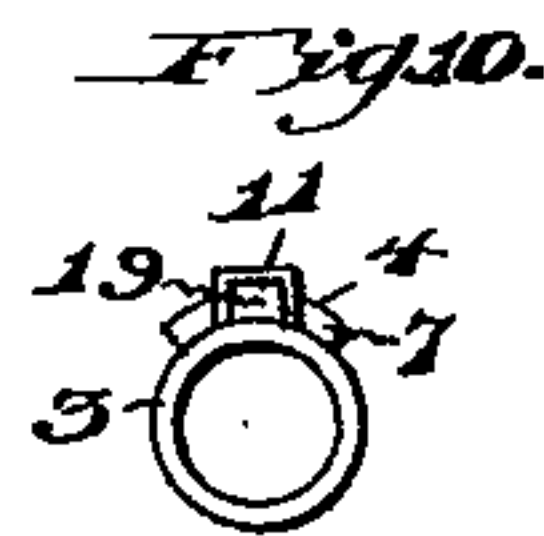
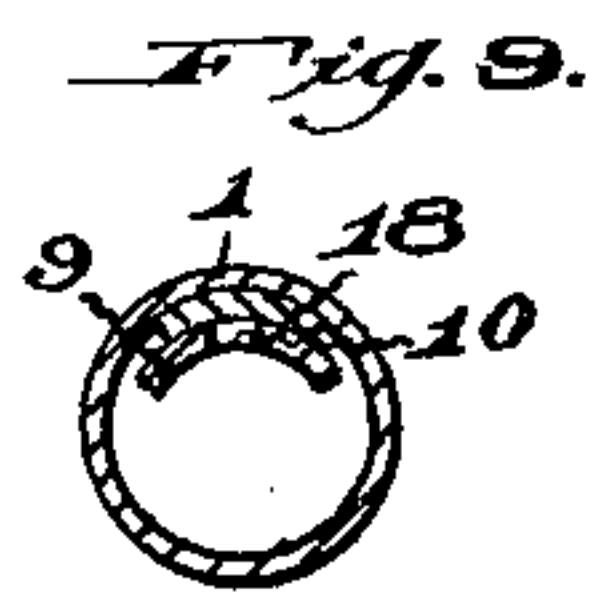
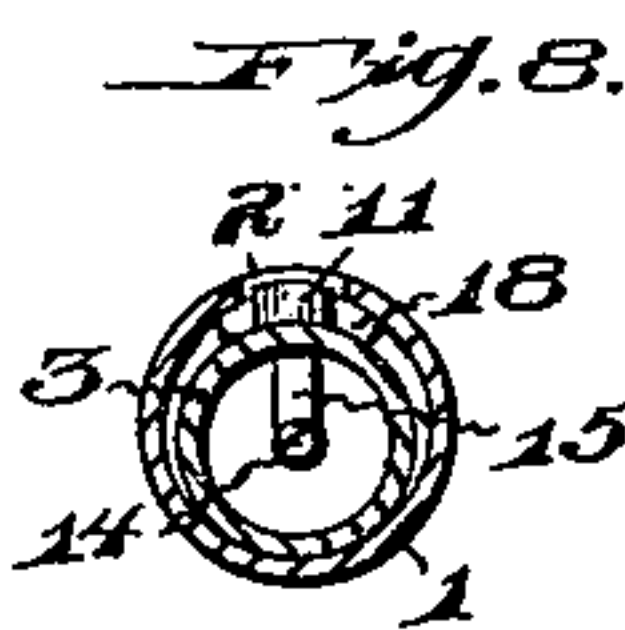
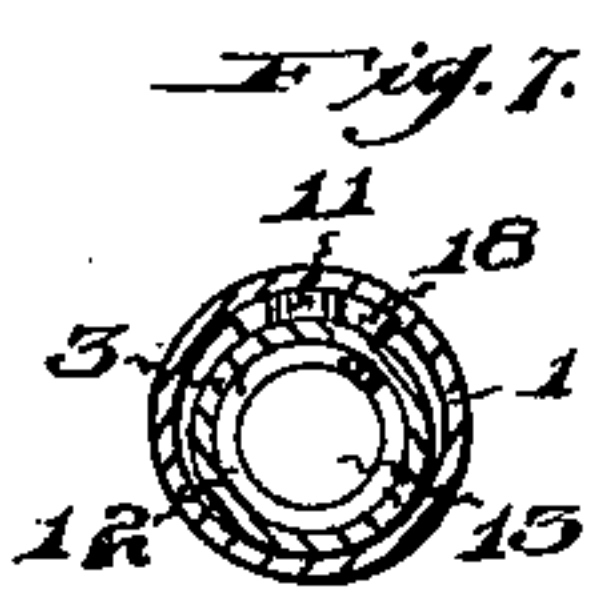
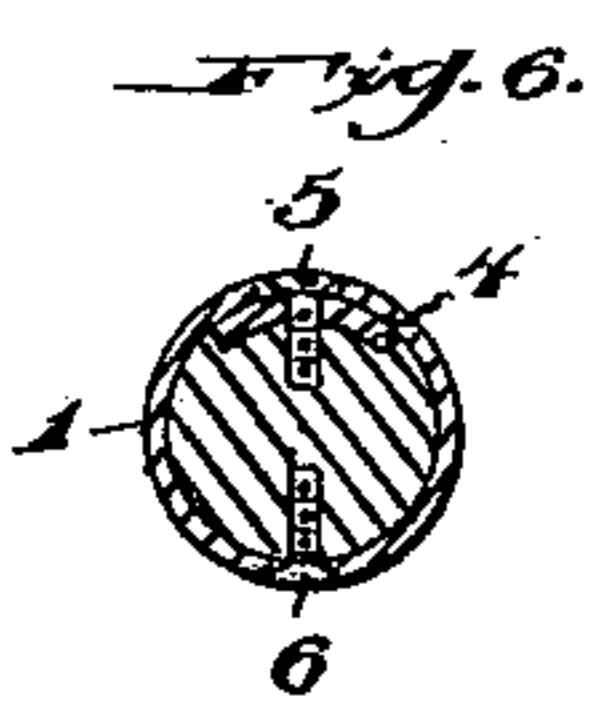
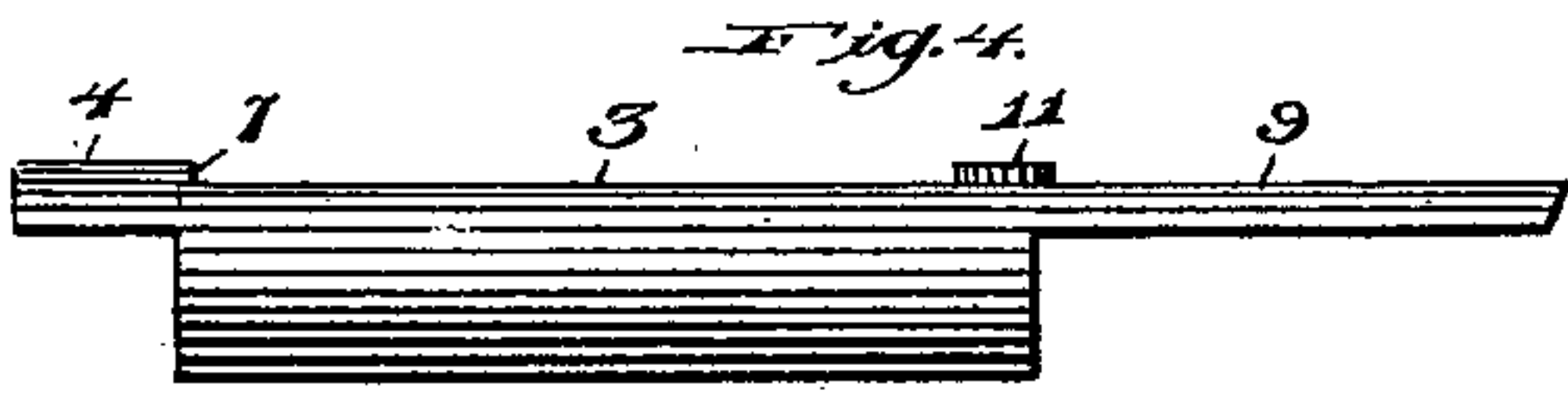
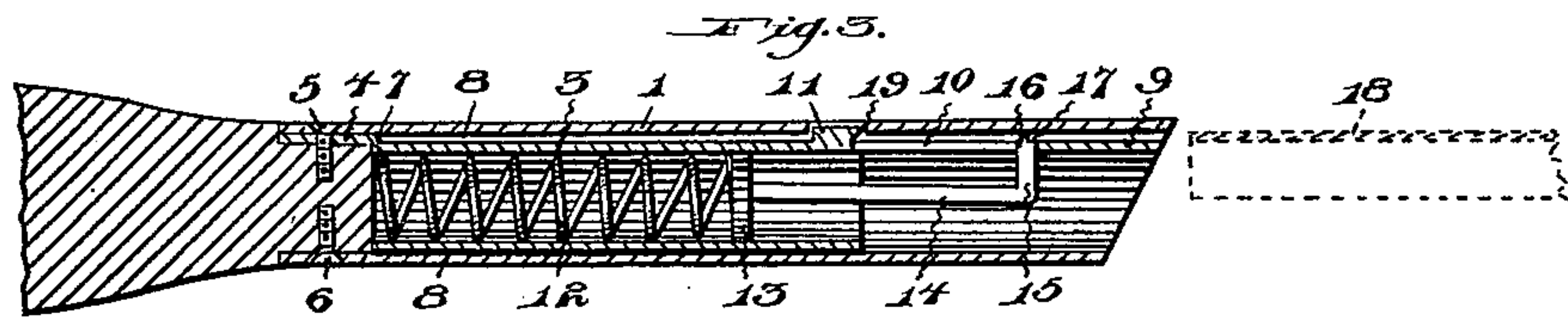
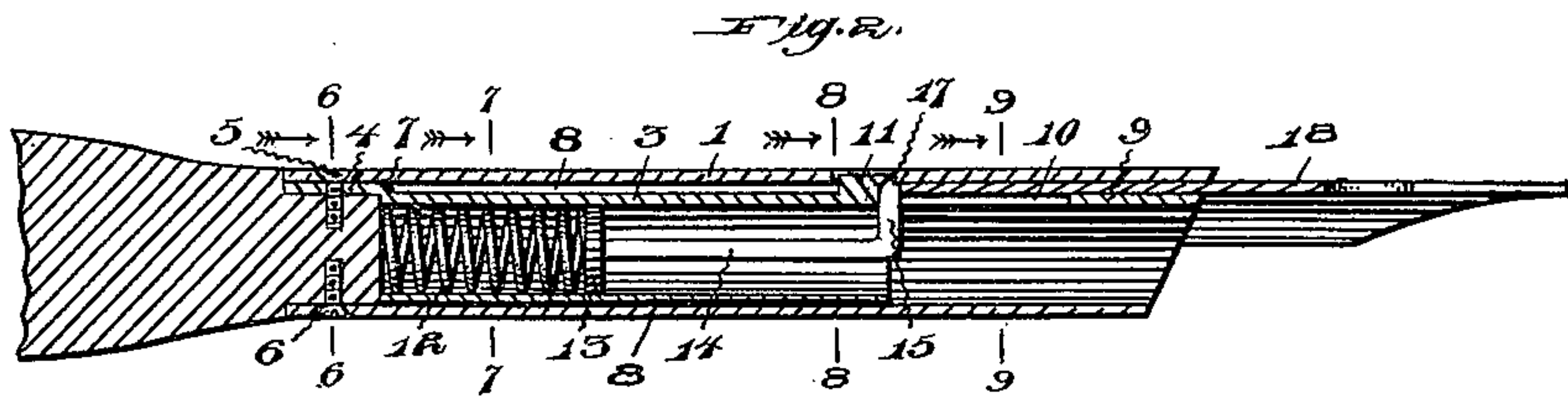
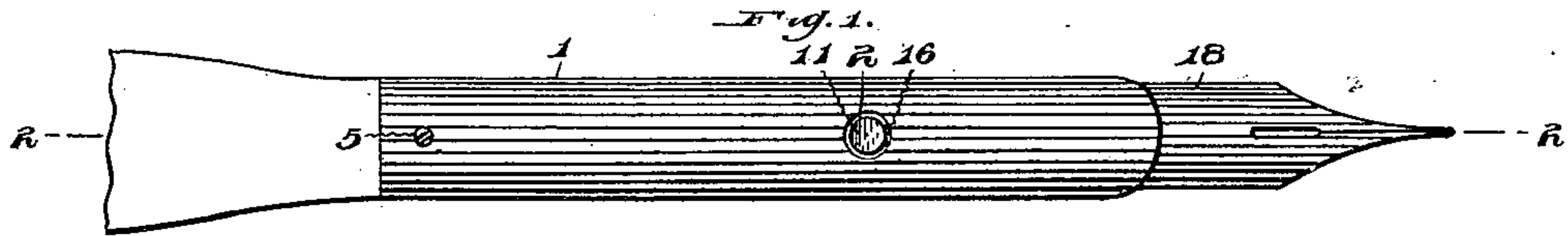
No. 641,900.

Patented Jan. 23, 1900.

D. L. SMITH.
PENHOLDER.

(Application filed July 8, 1899.)

(No Model.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

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PENHOLDER.

SPECIFICATION forming part of Letters Patent No. 641,900, dated January 23, 1900.

Application filed July 8, 1899. Serial No. 723,225. (No model.)

To all whom it may concern:

Be it known that I, DANIEL L. SMITH, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Penholders, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain new and useful improvements in penholders, and has for its object to provide a penholder attachment that will effectually clamp the pen and hold it in the proper position to be used and 15 which may be also expeditiously and conveniently manipulated to release the pen and discharge the same from the holder, thus obviating the necessity of removing the pen by hand and soiling the fingers.

20 Another object of the invention is to provide a penholding attachment adapted to receive and embrace pens of different thicknesses.

25 The invention has for its still further object to construct a penholder of the above-referred-to class that will be extremely simple in its construction, strong, durable, and comparatively inexpensive to manufacture.

30 With the above and other objects in view, the invention finally consists in the novel construction, combination, and arrangement of parts to be hereinafter more fully described, and specifically pointed out in the claims.

35 In describing the invention in detail reference is had to the accompanying drawings, forming a part of this specification, and wherein like numerals of reference indicate corresponding parts throughout the several views, in which--

40 Figure 1 is a top plan view of my improved penholder attachment. Fig. 2 is a vertical sectional view of the same, taken on the line 2 2 of Fig. 1. Fig. 3 is a similar view showing the operation of discharging or automatically dis- 45 lodging the pen-point from the holder. Fig. 4 is a side view of the inner casing. Fig. 5 is a top plan view of the same. Fig. 6 is a vertical sectional view taken on the line 6 6 of Fig. 2. Fig. 7 is a similar view taken on the line 7 7 50 of Fig. 2. Fig. 8 is a similar view taken on the line 8 8 of Fig. 2. Fig. 9 is a similar view taken on the line 9 9 of Fig. 2. Fig. 10 is an

end view of Fig. 4. Fig. 11 is a perspective view of the inner casing. Fig. 12 is a perspective view of the spring-pressed follower 55 and discharge-lever. Fig. 13 is a perspective view of the end of the discharge-lever.

Referring to the drawings by reference-numerals, 1 indicates the outer casing, having formed therein an annular recess 2. 60

The reference-numeral 3 indicates the inner casing, both the inner and outer casings being tubular in form. The said inner casing carries a raised apertured lug 4, adapted to receive the screw 5, which extends through 65 the outer and inner casing and secures the same together, said screw engaging the body of the penholder. The lower side of the casing 1 is likewise fastened to the body of the penholder by the screw 6. 70

The raised portion 4 carries a shoulder 7, forming an annular space 8 between the outer and inner casings, said outer casing carrying at its forward end a tongue 9, said tongue having formed therein a slot 10. The inner 75 casing 3 also carries a head 11.

In the interior of the inner casing is arranged a spiral spring 12, operating against the body of the penholder and its other end against the follower 13, said follower carrying 80 a discharge-lever 14, which is bent upwardly near its end at a right angle, as shown at 15, said upwardly-bent portion extending through the slot 10 and being provided with a lug 16, adapted to ride upon the upper face 85 of the inner casing, said lug having formed therein a notch 17, which is adapted to engage the end of the pen-point 18 when the same is discharged, said notch serving to engage in 90 the aperture 2 and being lodged in the recess 19, formed in the head 11 when in its normal position.

The operation of my improved penholder is as follows: The pen being inserted in the holder in the usual manner is forced against 95 the lug, carrying with it the discharge-lever and follower and depressing the spring until the recess 19 is reached. At this point the discharge-lever will slightly spring, and the lug will engage in the aperture 2 of the outer 100 casing and lodge itself in the recess 19, formed in the head 11, locking the mechanism. When it is desired to release the pen, the head 11 is slightly depressed, thereby disengaging the

lever from its seat, the spring 12 serving to automatically discharge the pen from the holder. The space formed between the tongue 9 and the interior of the casing 1 will admit pen-points of various thicknesses, and the same may be discharged in the manner as heretofore described.

The many advantages obtained by the use of my improved penholder will be readily apparent from the foregoing description, and particular attention is directed to the fact that various changes may be made in the details of construction of my improved penholder attachment without departing from the general spirit of my invention.

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

1. In a penholder, the combination of an outer casing having formed therein an annular recess, an inner casing carrying a raised lug, a forwardly-extending tongue formed integral with said casing having arranged there-

in a slot, a head arranged on said casing, a spring arranged in the interior of said inner casing, a follower, and a discharge-lever secured to said follower, substantially as described.

2. In a penholder, the combination of an outer casing having a recess formed therein, an inner casing carrying a head adapted to operate in said recess, a tongue arranged in said casing and having formed therein a slot, a spring arranged in said casing, a follower carrying a discharge-lever having arranged thereon a lug operating through said casing adapted to engage the end of the pen-point, all parts being arranged and operating substantially as herein shown and described.

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

DANIEL L. SMITH.

Witnesses:

JOHN NOLAND,
WILLIAM E. MINOR.