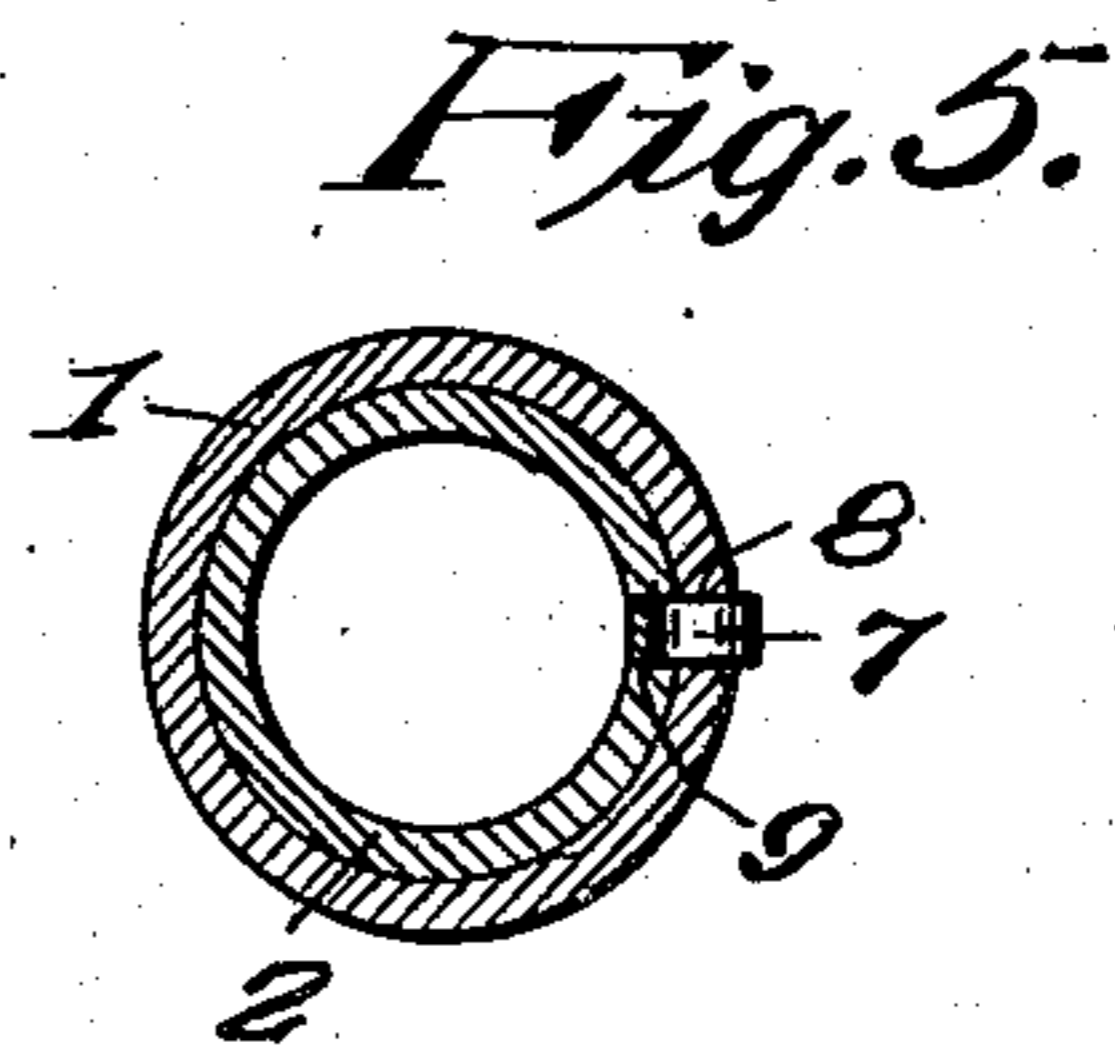
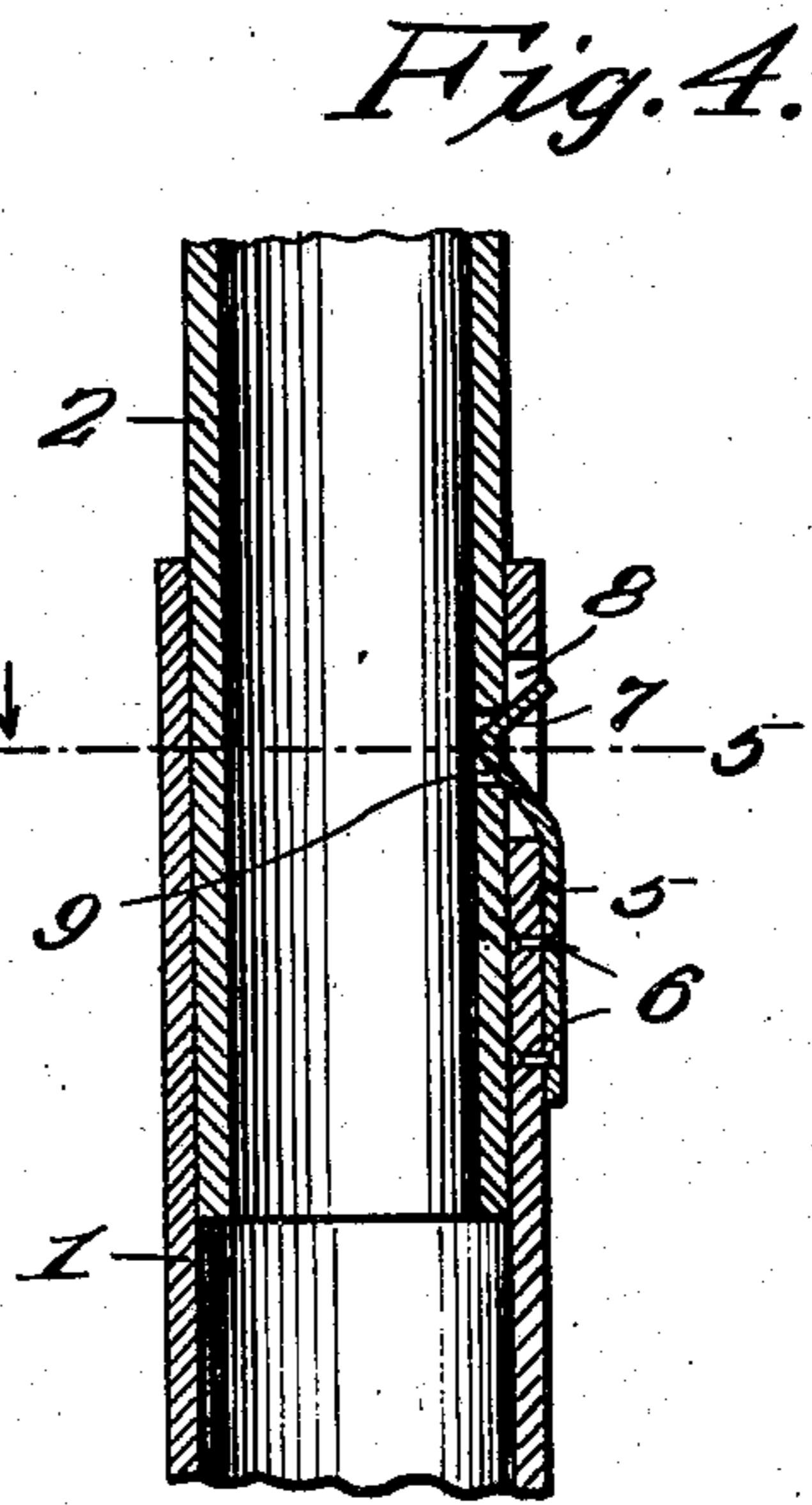
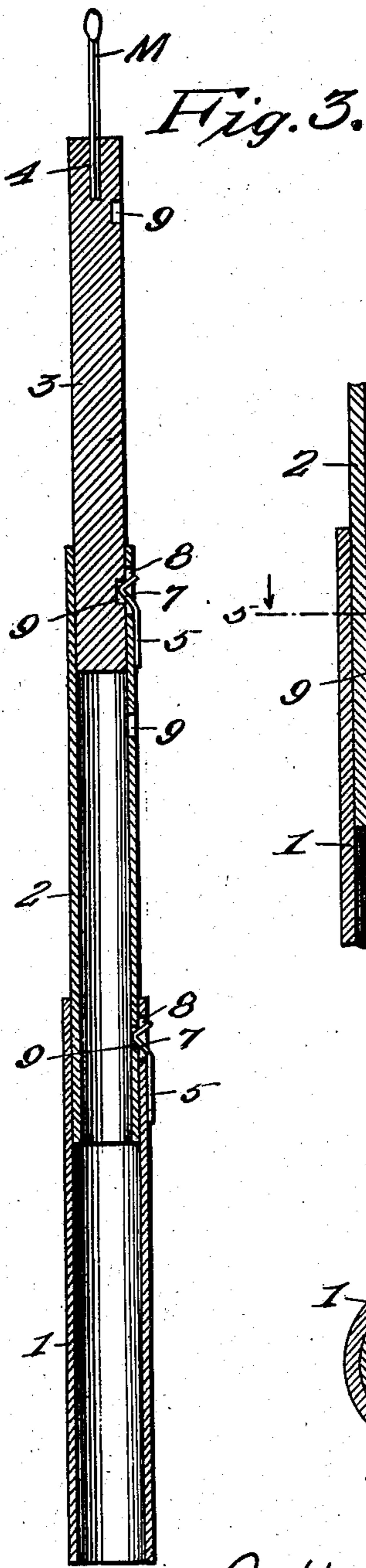
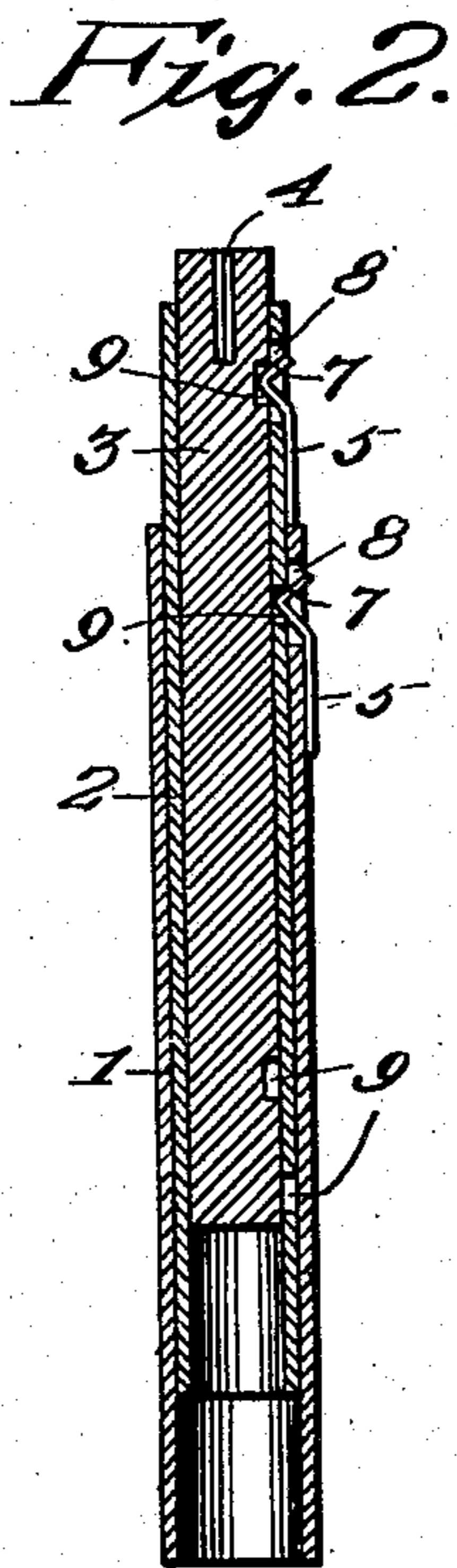
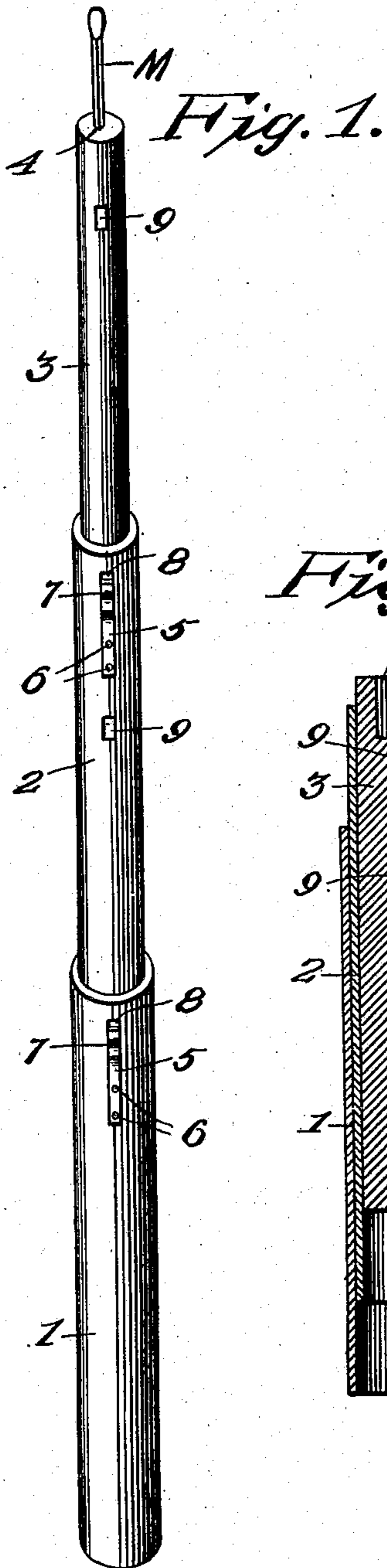


B. H. McDONALD.
TELESCOPING HOLDER FOR MATCHES.
APPLICATION FILED APR. 20, 1909.

930,406.

Patented Aug. 10, 1909.



Witnesses

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UNITED STATES PATENT OFFICE.

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TELESCOPING HOLDER FOR MATCHES.

No. 930,406.

Specification of Letters Patent.

Patented Aug. 10, 1909.

Application filed April 20, 1909. Serial No. 491,058.

To all whom it may concern:

Be it known that I, BETTIE H. McDONALD, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Telescoping Holders for Matches, of which the following is a specification, reference being had to the accompanying drawings.

10 This invention is an improved telescoping holder for a match stem for use in flash-light photography.

The object of the invention is to provide a simple and inexpensive device of this character by means of which a lighted parlor match held at a distance from the photographer so that flash-light sheets or other flash-light charges may be ignited with safety.

20 With the above and other objects in view, the invention consists of the novel features of construction and the combination and arrangement of parts hereinafter fully described and claimed, and illustrated in the accompanying drawings, in which—

25 Figure 1 is a perspective view of the holder showing its sections extended and a match arranged in the outermost one ready for use; Fig. 2 is a similar view of the device with its parts or sections in folded position; Fig. 3 is a longitudinal sectional view through the complete device showing its parts extended; Fig. 4 is an enlarged sectional view showing one of the spring catches; and Fig. 5 is a cross section taken on the plane indicated by the line 5—5 in Fig. 4.

35 The invention comprises an extensible rod consisting of three telescoping sections 1, 2, 3, the outermost section 3 being preferably solid and adapted to slide within the section 2 while the latter is tubular and adapted to slide within the tubular section 1. In the outermost section 3 is a socket 4 in which the stem of a match M may be frictionally retained.

40 For the purpose of holding the sections 1, 2, 3 in either their extended or telescoped positions, two spring catches 5 are provided, one of said catches being carried by the outer end of the inner section 1 and the other by the outer end of the intermediate section 2. Each of said spring catches, as shown more clearly in Fig. 4 of the drawings, consists of a leaf spring secured at one end, as shown at 6, to one of the sections and having at its

other or free end an inwardly extending V-shaped portion 7 adapted to project through an opening 8 formed in the section on which the catch is secured and to also enter openings 9 formed in the co-acting telescoping section, adjacent its ends, as clearly shown in Fig. 3 of the drawings. It will be seen, by constructing the catches as set forth, that the sections may be readily extended by pulling them apart and also collapsed by pushing them together, and that when either extended or collapsed they will be retained in such position by the engagement of the portions 7 of the catches with the openings or seats 9.

In using the invention, the sections of the rod or holder are extended, as shown in Fig. 1, a parlor match is ignited and its stem placed in the socket 4, whereupon the operator holding the innermost section 1 of the device in one hand and at an arm's length from his body, brings the flame of the match in contact with the flash sheet or other charge of flash-light powder which is to be ignited to provide the necessary light for making a flash-light exposure.

It will be understood that the device, when its sections are extended, is of such length that the operator may stand at a safe distance from the flash sheet or other flash-light charge when it is ignited.

From the foregoing it will be seen that the invention provides an exceedingly simple and practical device of this character which may be produced at a small cost and which will be exceedingly convenient to carry about and use.

Having thus described the invention what I claim is:

95 A telescoping match holder comprising sections to telescope one within the other, the outermost one having a socket to receive a match stem, certain of said sections having keeper openings, and spring catches carried by certain of said sections and each spring catch consisting of a leaf spring having one end secured and its other end formed with a V-shaped projection to enter said keeper openings and retain the sections in either their extended or telescoped position.

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

BETTIE H. McDONALD.

Witnesses:

MARK A. FOOTE,
MARK P. GRINER.