

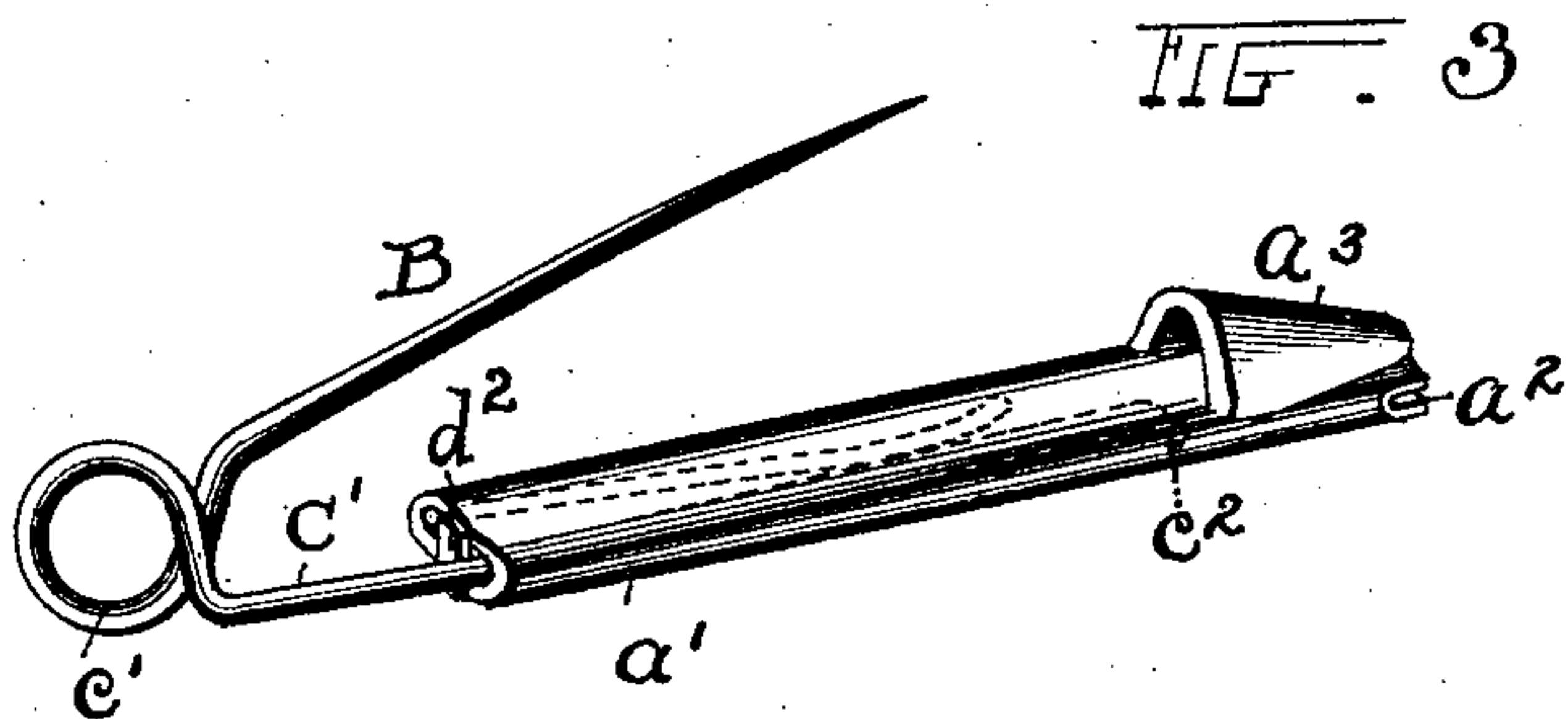
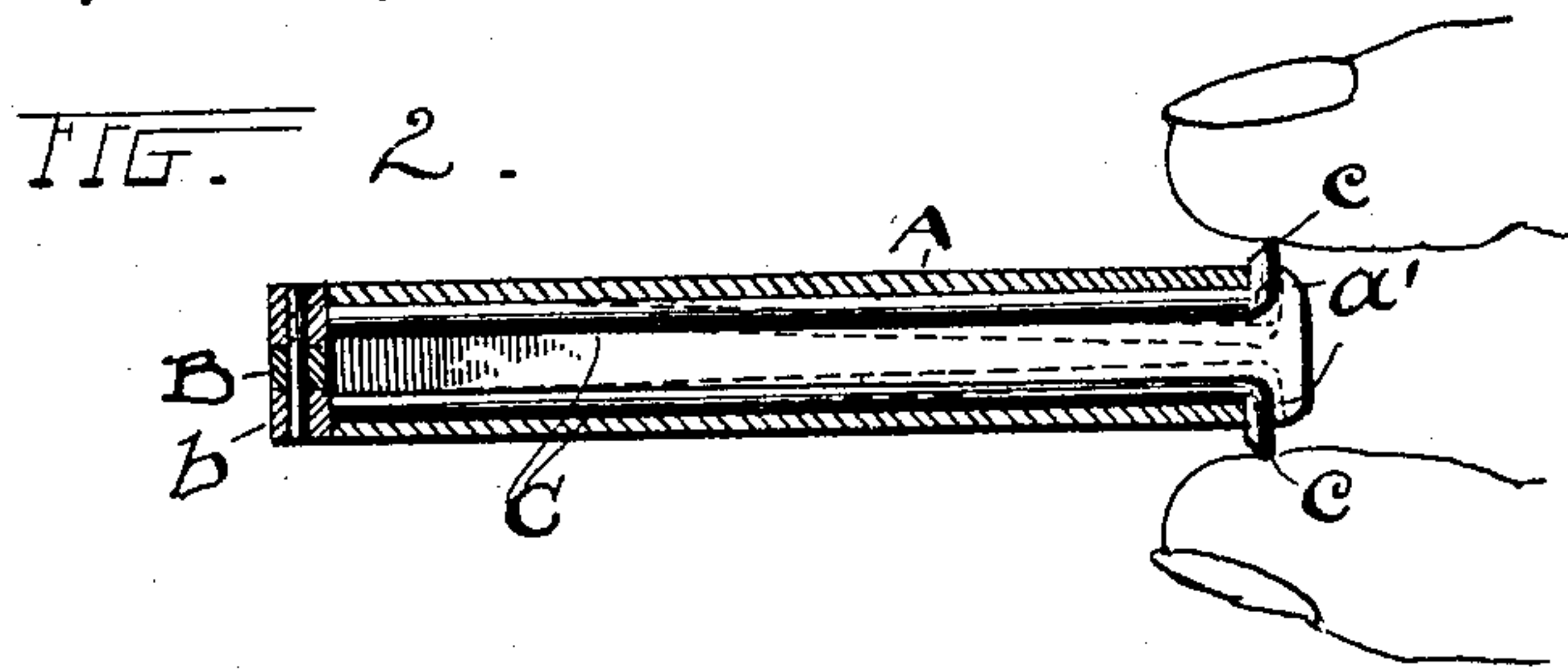
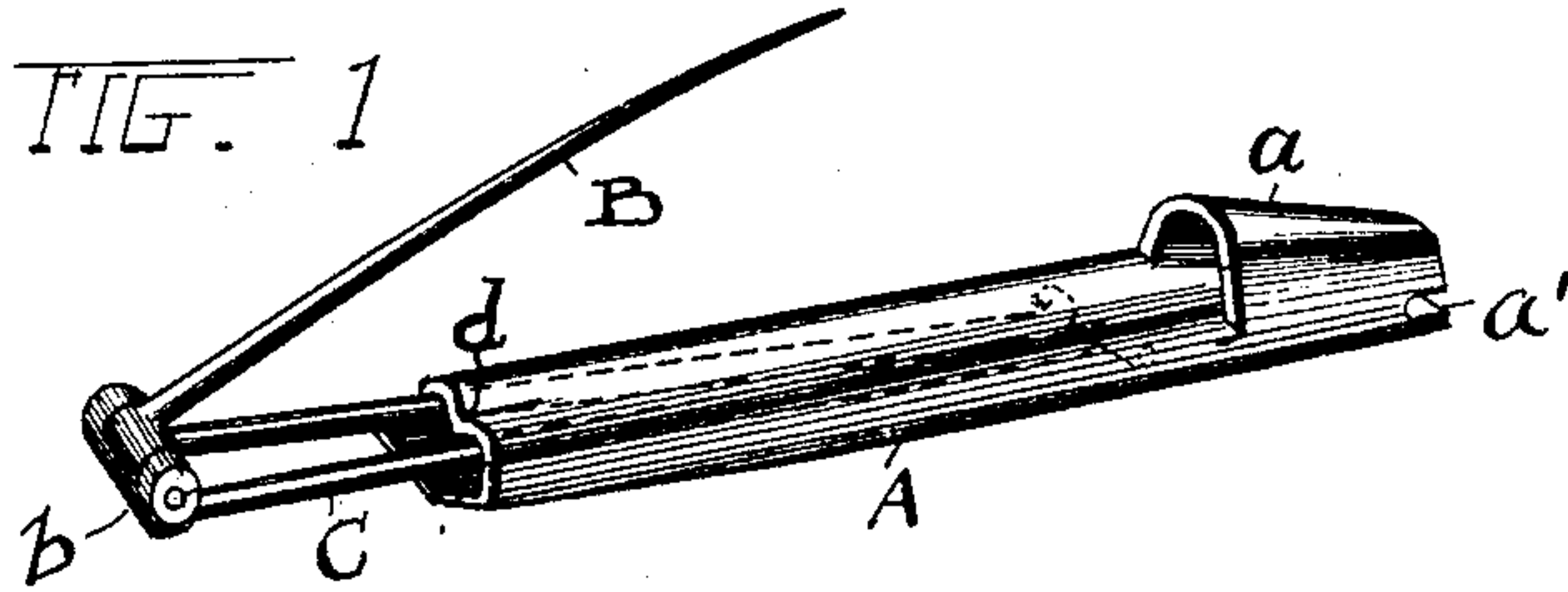
No. 777,804.

PATENTED DEC. 20, 1904.

E. T. POOLE.
SAFETY PIN.

APPLICATION FILED MAY 21, 1904.

NO MODEL.



WITNESSES:

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EDGAR THOMAS POOLE, OF CLEVELAND, OHIO.

SAFETY-PIN.

SPECIFICATION forming part of Letters Patent No. 777,804, dated December 20, 1904.

Application filed May 21, 1904. Serial No. 209,013.

To all whom it may concern:

Be it known that I, EDGAR THOMAS POOLE, a subject of the King of Great Britain, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Safety-Pins; and I do declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to safety-pins for brooches and other articles which require precautionary means for securing them in place against theft and accidental loss; and the invention therefore consists in a pin constructed and adapted to operate substantially as shown and described, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of one style of my improved pin; and Fig. 2 is a plan view of a portion thereof with the pin proper and the top portion of the hollow body or casing removed and revealing the lower portion of the body and the locking-spring pin carrier or support, as will hereinafter more fully appear. Fig. 3 is a perspective view of a modification of the invention.

The two several forms of the invention above shown and described disclose a principle of construction common in that both have pins proper in a longitudinally-slidable relation to the body or shell and have spring-supports, to which they are yieldingly connected, and are adapted to slide and lock in the shell or body, as will hereinafter more fully appear. Thus in Fig. 1 I show a construction comprising three different members, consisting of the body or shell A, the pin proper, B, and the spring-support C for the pin. The shell A has a loop or head *a* for the pin-point and a hollow interior with lateral notches or recesses *a'* in the extremity of its head adapted to be engaged by the right-angled extremity or hoods *c* of the spring-support C, two sections or portions of which are shown in this construction and adapted to spread laterally under their own tension, so as to automatically engage in the lateral recesses *a'* when the parts are united for use. The said spring-support and pin B are connected with or by a common head *b*,

in which the pin is hinged or pivoted to be opened and closed, and when used it is moved or carried bodily endwise with spring C, so as to bring the point of the pin within the head or loop *a* and at the same time bring hooks *c* into engagement within recesses *a'*. As here shown, the extremities of the hooks *c* are beveled, so as to facilitate their release when it is desired to open the pin; but otherwise said hooks remain in engagement and the pin is irremovably secured in place and cannot be lost or accidentally released, except as the pin is purposely disengaged by the fingers pressing inward upon both hooks *c* and opening the parts in that way. The pin B can then be moved back and disengaged.

Fig. 3 shows a modification of the foregoing, in that the pin proper, B, is formed in the same piece with the spring C' with an intervening spring portion or shank *c'*, and casing *a'* has a single recess *a''* for the hook extremity *c''* of spring C'. The pin proper engages under loop or head *a''* as it does under loop *a* in Fig. 1, and in both cases the construction is such as to prevent the springs from being drawn entirely out of the casing or body and to allow opening of the pin by swinging its pivoted end outward from its support.

What I claim is—

1. In safety-pins for brooches and the like, a rigid body, in combination with a spring-wire pin-support slidably mounted in said body and having its outer end bent at right angles laterally to engage with said body, and a pin having a connection with said support constructed to yield to open the pin in respect to the said support, substantially as described.

2. In safety-pins, a hollow body having a suitable head to confine the point of a pin, in combination with a wire-spring support slidably engaged in said body, and a pin having a yielding connection with said support, whereby the pin can be turned away from said support and opened, substantially as described.

In testimony whereof I sign this specification in the presence of two witnesses.

EDGAR THOMAS POOLE.

Witnesses:

R. B. MOSER,
C. A. SELL.