

No. 719,889.

PATENTED FEB. 3, 1903.

J. E. SHARPE.
MATCH LIGHTER.

APPLICATION FILED APR. 28, 1902.

NO MODEL.

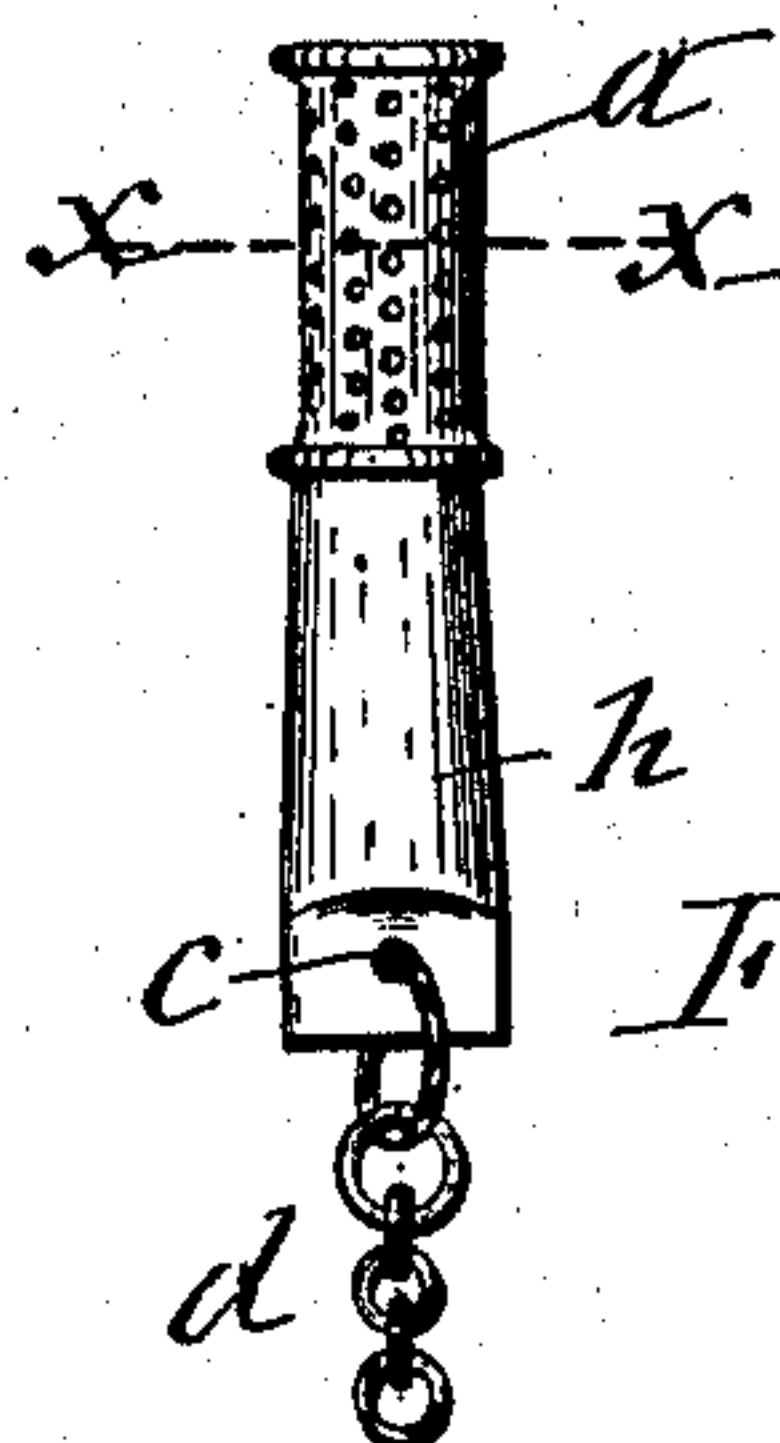


Fig. 1

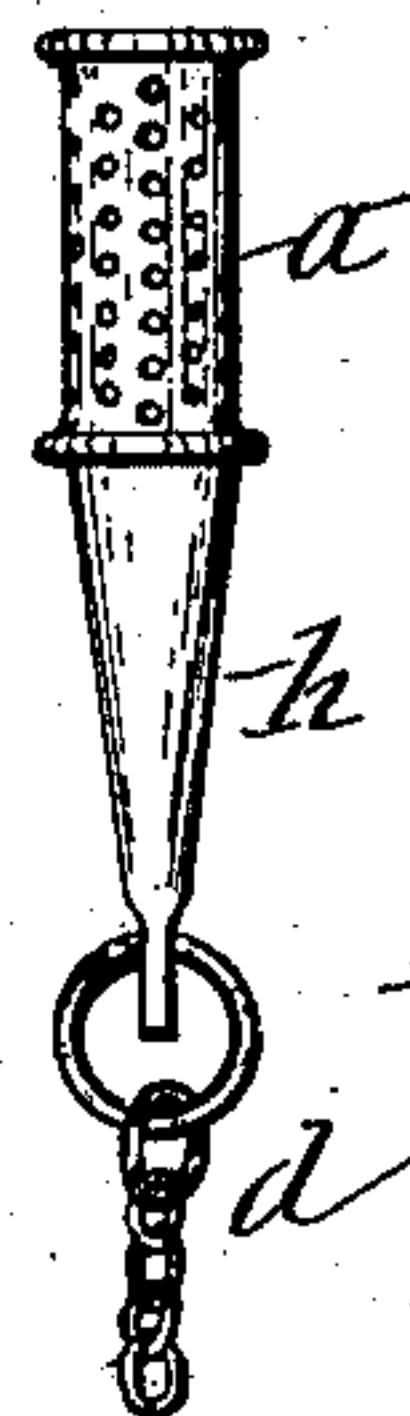


Fig. 2

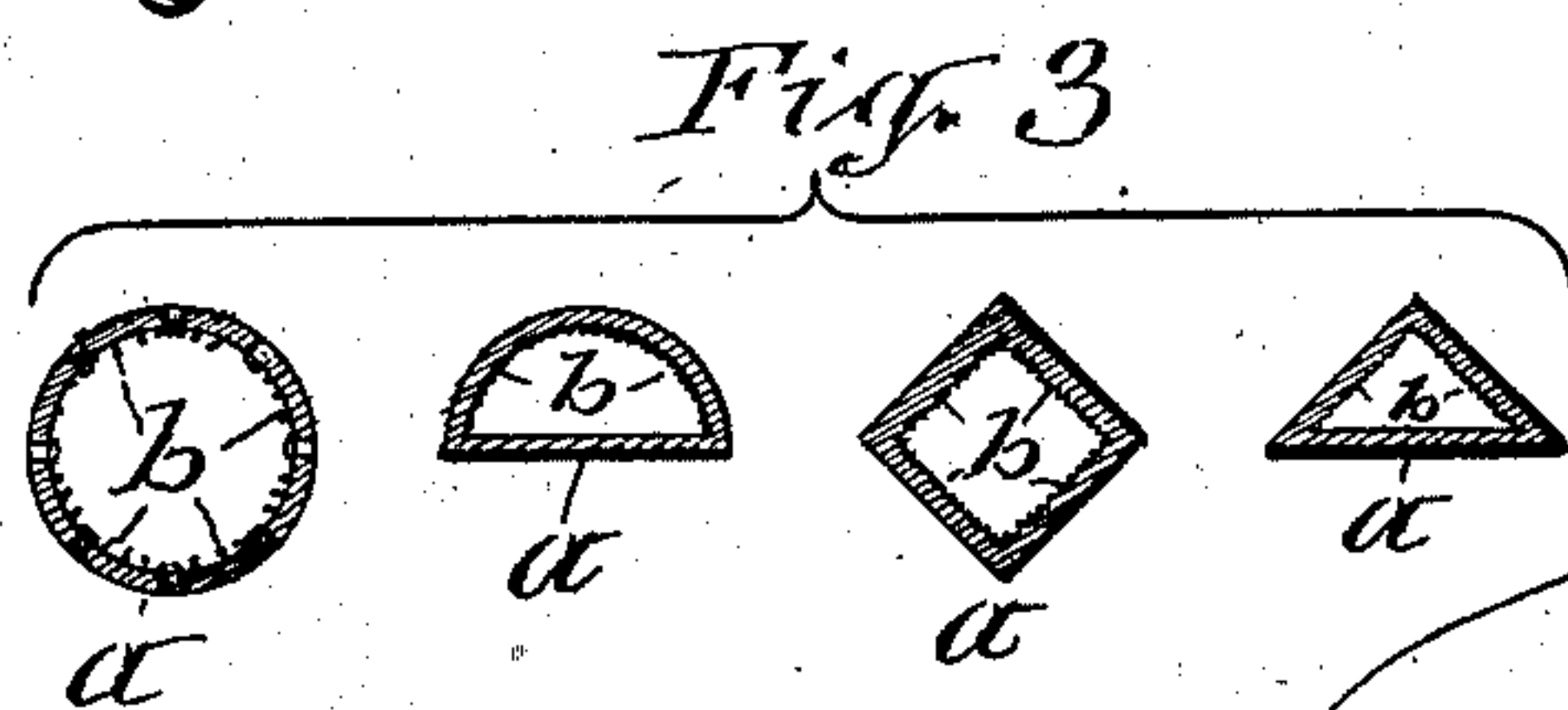


Fig. 3

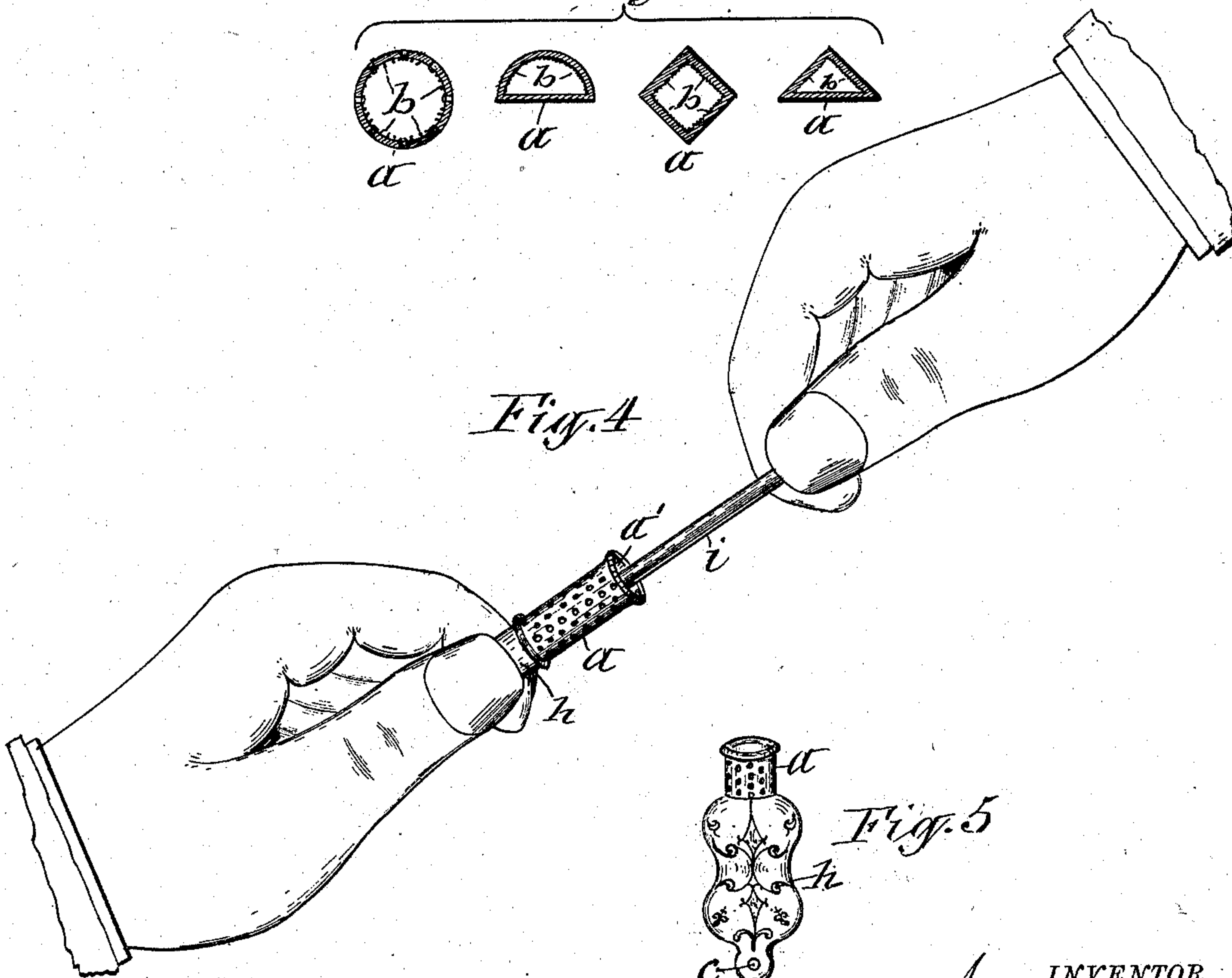


Fig. 4

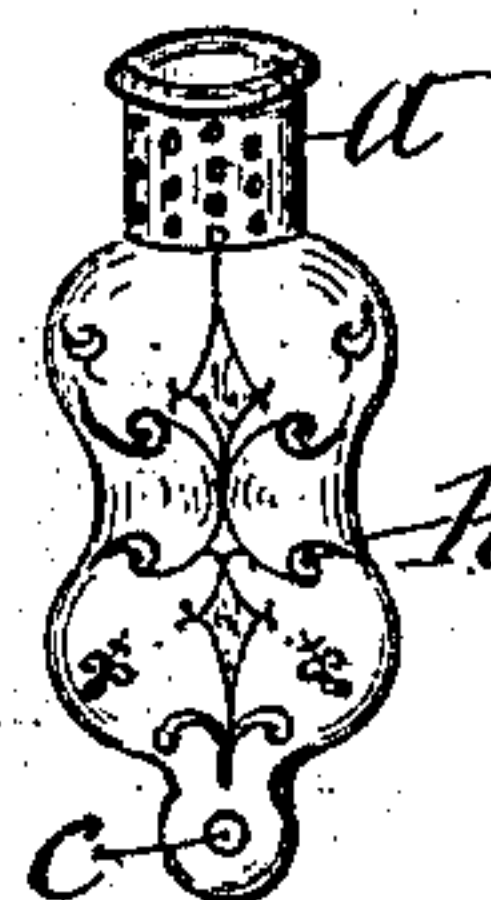


Fig. 5

WITNESSES:

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JOHN E. SHARPE, OF ONEIDA, NEW YORK, ASSIGNOR OF TWO-FIFTHS TO
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MATCH-LIGHTER.

SPECIFICATION forming part of Letters Patent No. 719,889, dated February 3, 1903.

Application filed April 28, 1902. Serial No. 104,920. (No model.)

To all whom it may concern:

Be it known that I, JOHN E. SHARPE, a citizen of the United States, and a resident of Oneida, in the county of Madison, in the State of New York, have invented new and useful Improvements in Match-Lighters, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

The object of this invention is to provide a safety match-lighting implement which shall be simple and inexpensive in construction, convenient to be carried in the pocket of a garment, and readily and conveniently used for lighting a match without danger of allowing the head of the match from being broken off and cast about in the operation of lighting the match; and to that end the invention consists, essentially, of an inflexible tubular body open at one end for the insertion of the igniting end of the match and having in its wall a series of perforations distributed lengthwise of the wall and the inner face of said wall formed with serrations adjacent to the respective perforations, and a handle extending from the opposite end of said body and closing the same thereat, as hereinafter more fully described, and set forth in the claim.

In the annexed drawings, Figures 1 and 2 are views of two sides of a safety match-lighter embodying my invention. Fig. 3 illustrates enlarged transverse sectional views on line X X in Fig. 1 of the drawings, showing different forms adapted for the body of the match-lighter. Fig. 4 illustrates the manner of using the match-lighter, and Fig. 5 illustrates one of the many modifications which may be applied to the external configuration of my invention.

a represents the body of the match-lighter, which body is tubular or hollow and inflexible throughout and may be either cylindrical or semicylindrical or square or triangular, as shown in Fig. 3 of the drawings, or of any other suitable shape in cross-section. The essential features of said body are, first, its open end *a'* for the insertion of the igniting end of a match, as represented in Fig.

4 of the drawings; secondly, its match-igniting surface *b*, (shown in Fig. 3 of the drawings,) which surface is serrated or made rough in any suitable manner throughout the length of said body to produce sufficient friction on the head of the match to ignite the match in rubbing it on said surface, and, thirdly, the perforations of the wall of the body, which perforations permit ventilation of the interior of the body after the ignition of the match.

I preferably form the body *a* of a metallic tube, which is open at one end, as shown at *a'*, and compressed transversely at the opposite end, as at *a''* in Fig. 1 of the drawings, said compressed portion closing said end of the body and serving as a handle *h* for holding the match-lighter when in use, as shown in Fig. 4 of the drawings. The serrations on the inner surface of the body *a* I preferably form by punching a series of perforations in the wall of the body. By this punching operation the inner surface of the wall becomes roughened or serrated adjacent to the respective perforations through which the interior of the body is ventilated. The compressed portion *a''* may be perforated, as shown at *c*, for the attachment of a chain *d* or a suitable cord by which it may be suspended in a convenient position near a match-safe or other suitable place.

In using my described safety match-lighter the user of it takes hold by one hand the handle *h* and inserts by the other hand the lighting end of the match *i* into the body *a*, as illustrated in Fig. 4 of the drawings, and in withdrawing the match from said body the user presses the head of the match onto the serrated or rough surface *b*, which causes the match to ignite. In this operation the wall of the body *a* serves as a guard or shield to prevent an accidentally-broken-off head of the match from being cast about.

The handle *h* may be of any desired shape to permit convenient manipulation of the match-lighter. One of the modifications of said handle is shown in Fig. 5 of the drawings.

What I claim as my invention is—

A match-lighter consisting of an inflexible tubular body open at one end for the insertion of the igniting end of the match and having in its wall a series of perforations distributed lengthwise of the wall and the inner face of said wall formed with serrations adjacent to the respective perforations, and a

handle extending from the opposite end of said body and closing the same thereat substantially as set forth and shown.

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Witnesses:

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E. L. HASKELL.