

No. 854,960.

PATENTED MAY 28, 1907.

J. G. McCARTHY.
MATCH LIGHTER.

APPLICATION FILED DEC. 31, 1906.

Fig. 1.

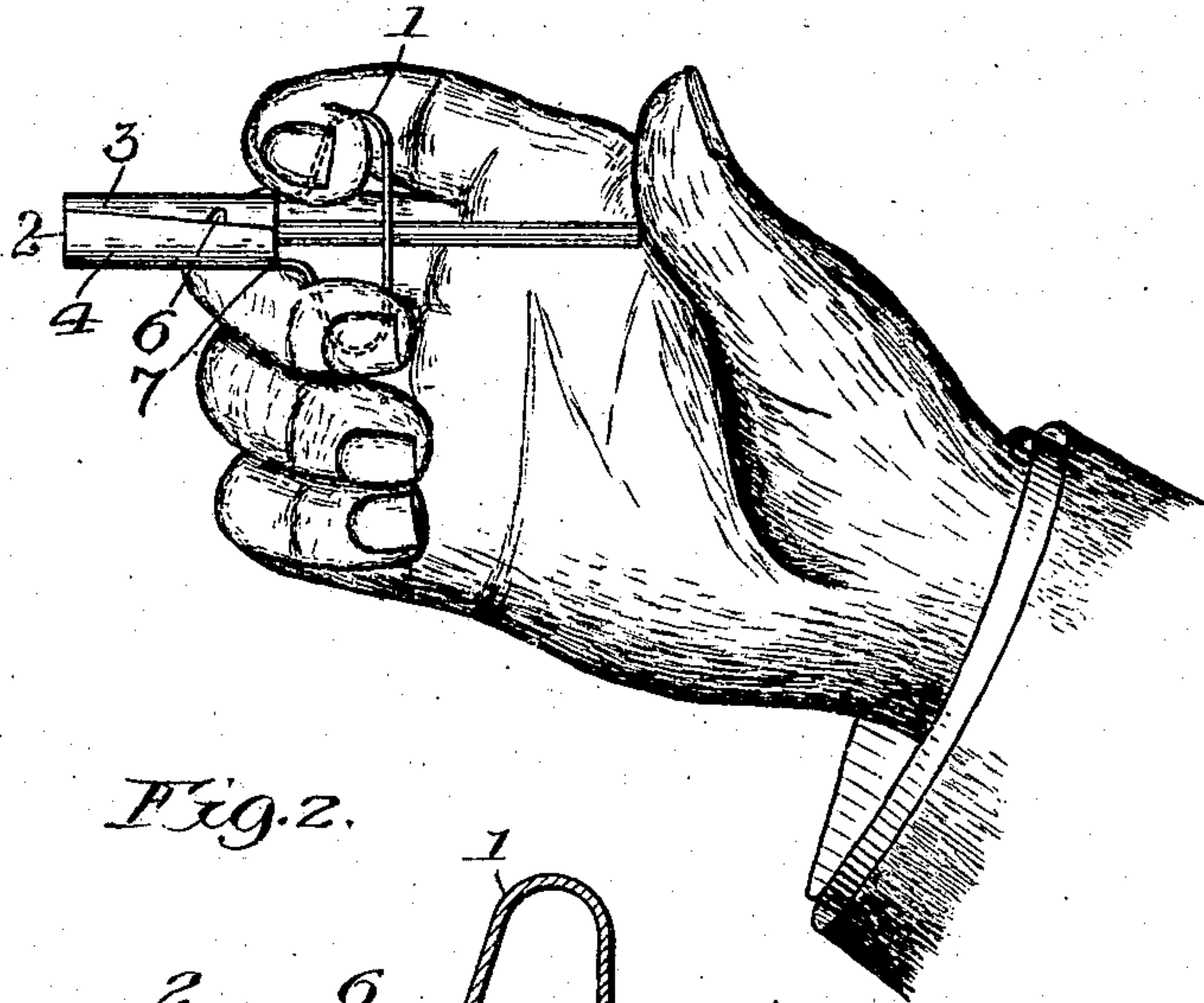


Fig. 2.

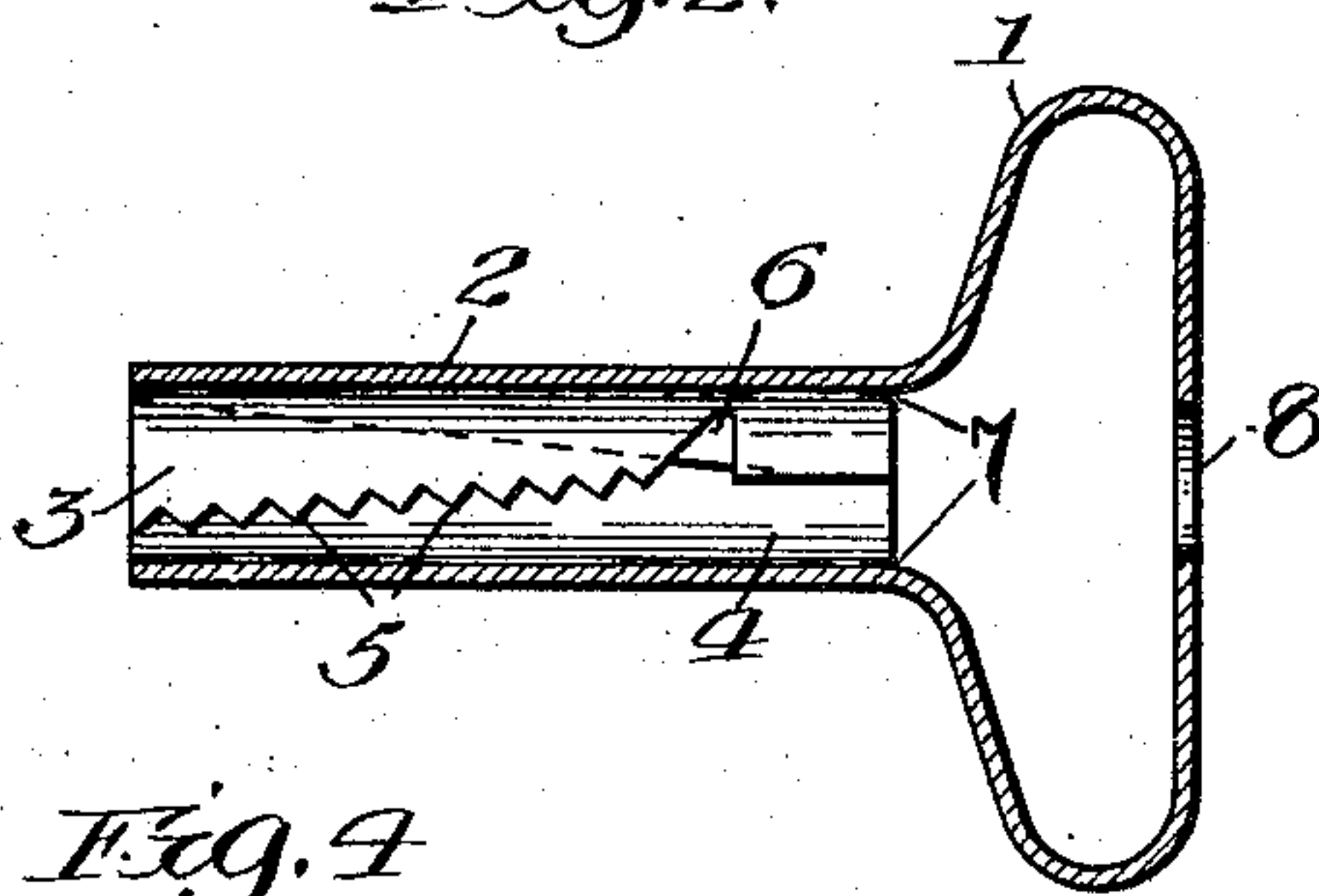


Fig. 4.

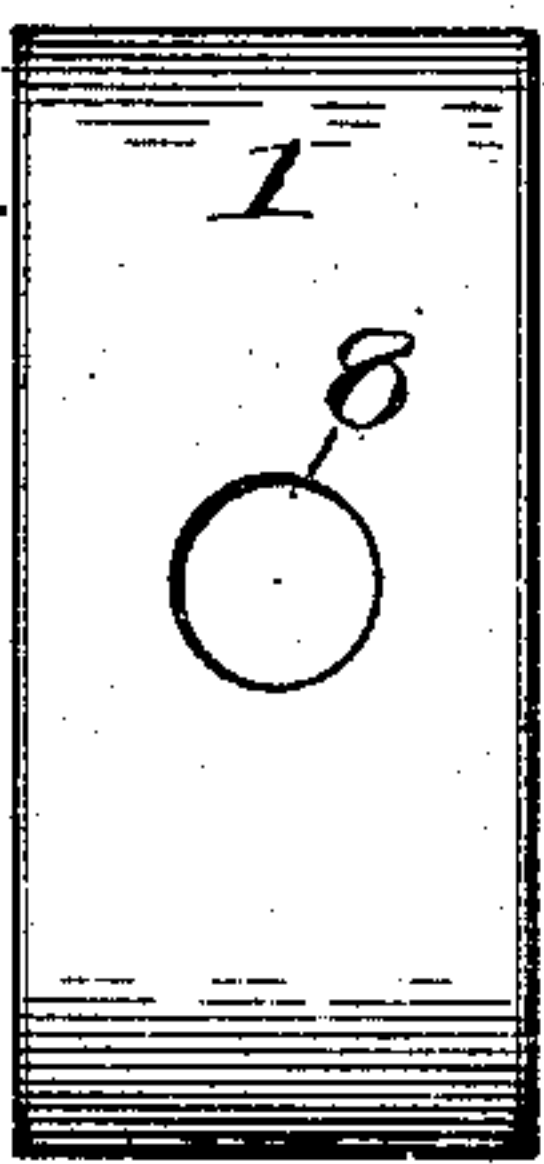
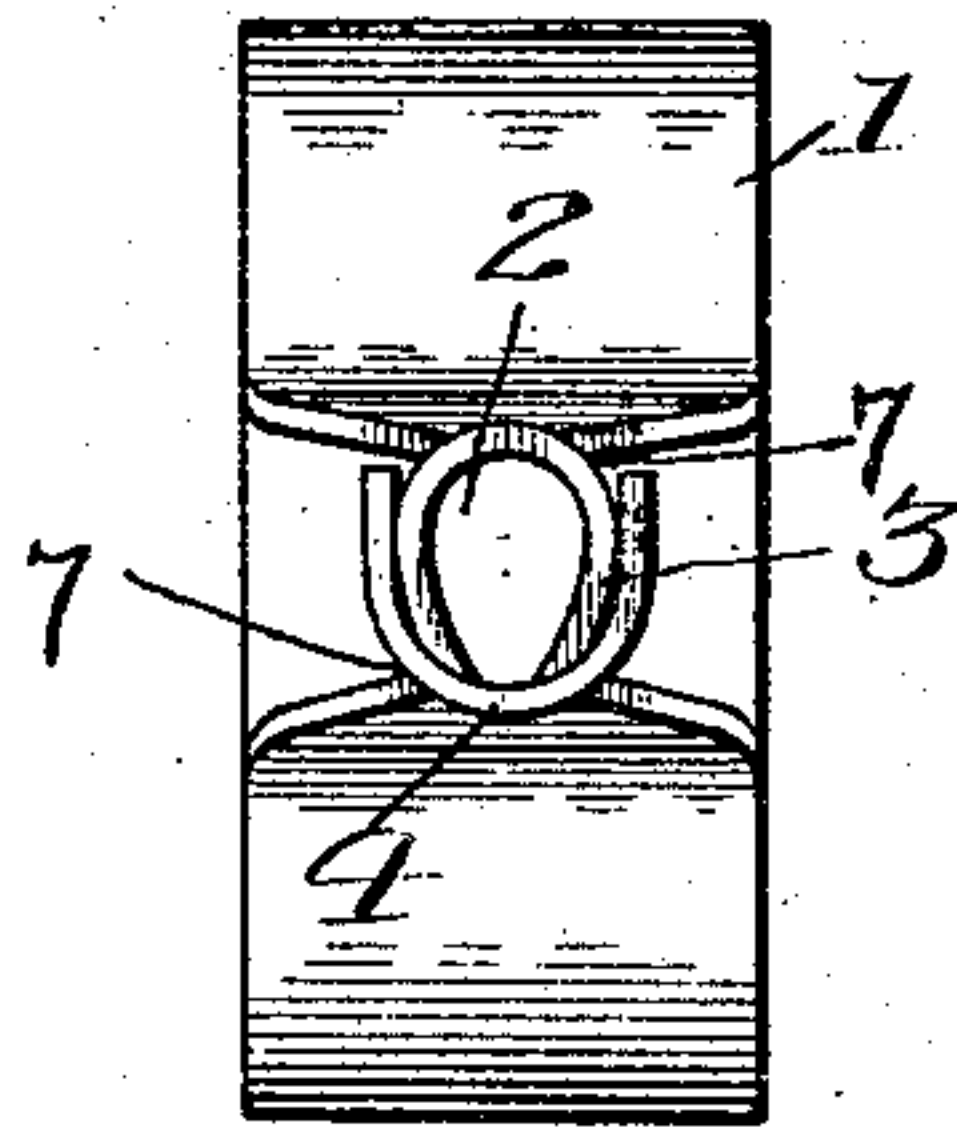


Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

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MATCH-LIGHTER.

No. 854,960.

Specification of Letters Patent.

Patented May 28, 1907.

Application filed December 31, 1906. Serial No. 350,189.

To all whom it may concern:

Be it known that I, JUSTIN G. McCARTHY, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Match-Lighters, of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to devices for lighting matches, and has for its object the provision of a simple, effective, inexpensive and practical device of this kind.

The device which I show herein for carrying out my invention consists of a small, compact and useful igniter for igniting matches and the like. It is composed of a single flat strip of metal so cut and bent as to form a base and a tubular upright neck portion, through both of which the match is passed, the friction of forcing it through the neck portion causing the match to ignite.

In the accompanying drawing, Figure 1 is a view of the device with a match partly inserted, showing the method of using the device; Fig. 2 is a horizontal section; and Figs. 3 and 4 a front and rear elevation of the device.

The device shown in the drawing comprises a base portion 1 and a neck portion 2. The base portion 1 is formed out of the central part of the metal strip, by bending that portion into triangular shape, as shown in Fig. 2. The neck portion 2 is formed by bending the ends 3 and 4 of the strip so as to rise from the apex of the triangle formed by the base, on a line at right angles to the base of the triangle. The end 3 of the metal strip is provided with saw teeth 5 and notches 6 and 7 (Fig. 2) along both longitudinal edges, the notches 6 and 7 being provided to permit bending of the edges of the end 3 away from the edges of the base portion. This end 3 is bent into U shaped cross-section toward the end 4 along the line of its saw teeth throughout its length to the notch 7, the portion containing the teeth being bent in slightly more than that portion between the notches 6 and 7. The end 4 is also provided with a notch 7 to permit bending away from the base portion, and is likewise bent into U shaped cross-

section toward the end 3, the edges of the end portion 4 overlapping the edges of the end 3 to form the tubular neck portion 2 (Fig. 4) of substantially circular cross-section, capable of receiving the match.

The center of the bottom side of the base portion 1 is provided with a hole 8 (Fig. 3) which is directly opposite the opening or bore of the neck 2.

In using the device the match is first inserted through the hole 8 in the base 1, and then up into the neck 2. It is then forced through the entire length of the neck 2, the friction of rubbing the head of the match against the teeth 5 causing ignition, so that by the time the match comes out of the upper end of the neck 2 it is lighted.

It will be seen that in using the device, it can be held in the hand between the fingers and a match forced through by means of the thumb, as shown in Fig. 1, thereby requiring but one hand to light a match. This is especially desirable for use in lighting automobile lamps, cigars and the like, in the wind, as it leaves the other hand free to shield the match from the wind, during and after lighting, and also makes it possible to strike the match in close proximity to the object to be lighted. It is also seen that the device is so small and simple that when not in use it can easily be carried about in a small pocket without inconvenience. It is also durable and inexpensive, being constructed of a single piece of material stamped into shape in but three operations.

It will be understood that changes and modifications can be made without departing from the invention.

What I claim is:—

1. A match lighter comprising a tubular neck and a transversely arranged base, the neck being adapted to receive and light the match, and the base being adapted to be grasped in the hand and having an opening through which the match can be pushed into the neck, and both neck and base being made of a single piece of metal bent to form the base out of its middle portion and the neck out of its ends.

2. A match lighter consisting of a single piece of metal bent to form a transverse base and side pieces extending up diagonally from

the ends of the base, and a tubular neck
formed of the end pieces of said metal strip,
bent transversely so as to form a tubular
socket for the match, and one of which has
5 its edges provided with teeth to light the
match.

In witness whereof, I hereunto subscribe

my name this 26th day of December, A. D
1906.

JUSTIN G. McCARTHY.

Witnesses:

A. MILLER BELFIELD,
I. C. LEE.