

(No Model.)

W. M. DUCKER.

COMBINED MATCH BOX AND CIGAR CUTTER.

No. 323,028.

Patented July 28, 1885.

FIG. 1.

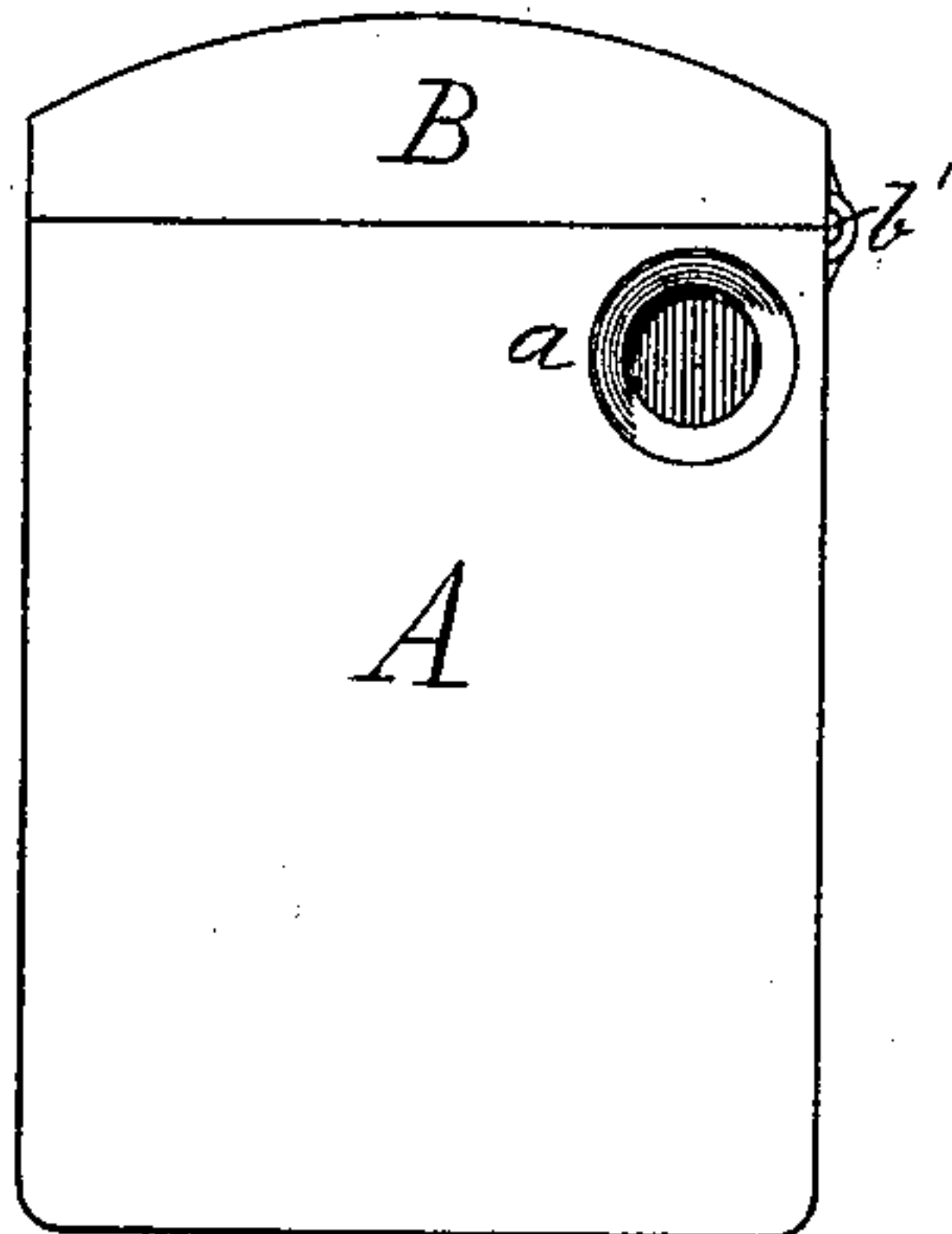


FIG. 2.

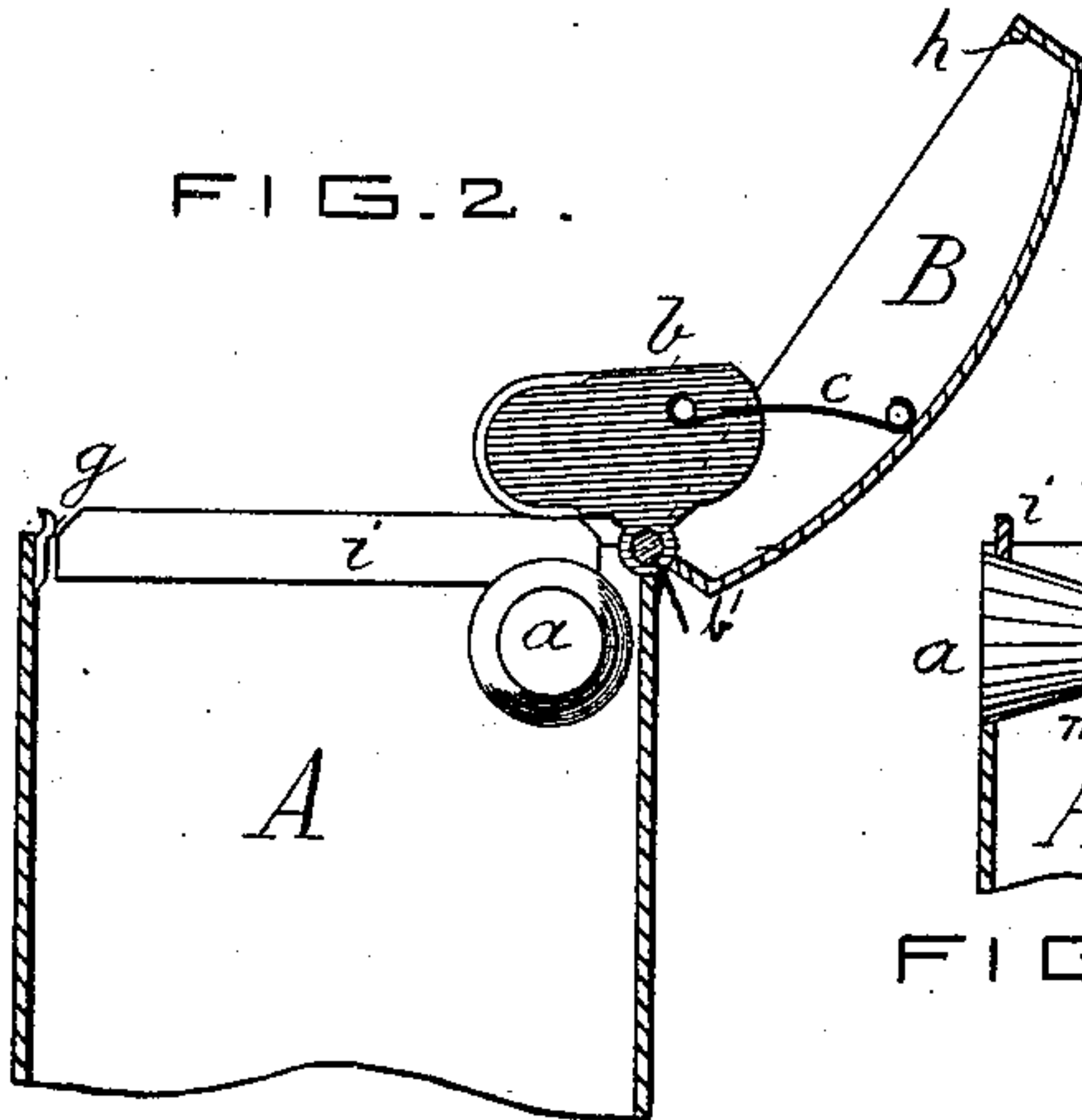


FIG. 3.

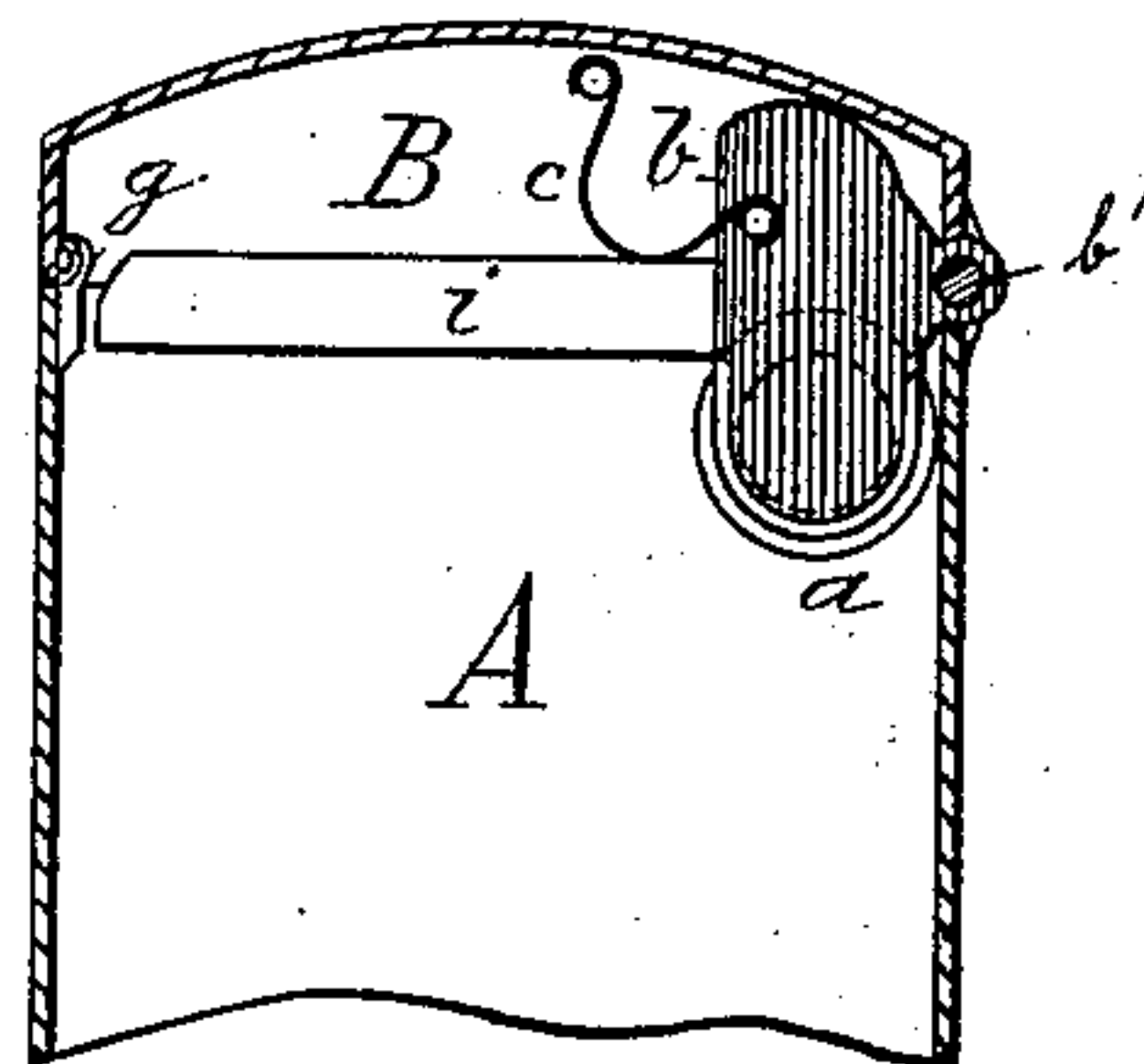


FIG. 4.

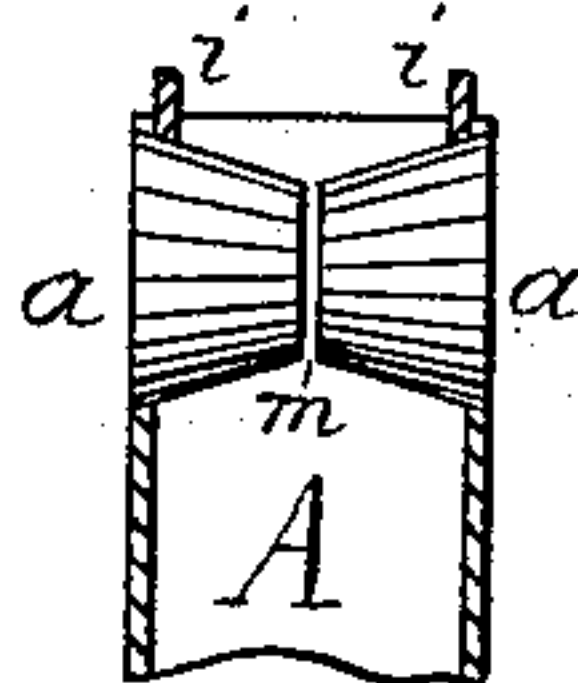


FIG. 5.

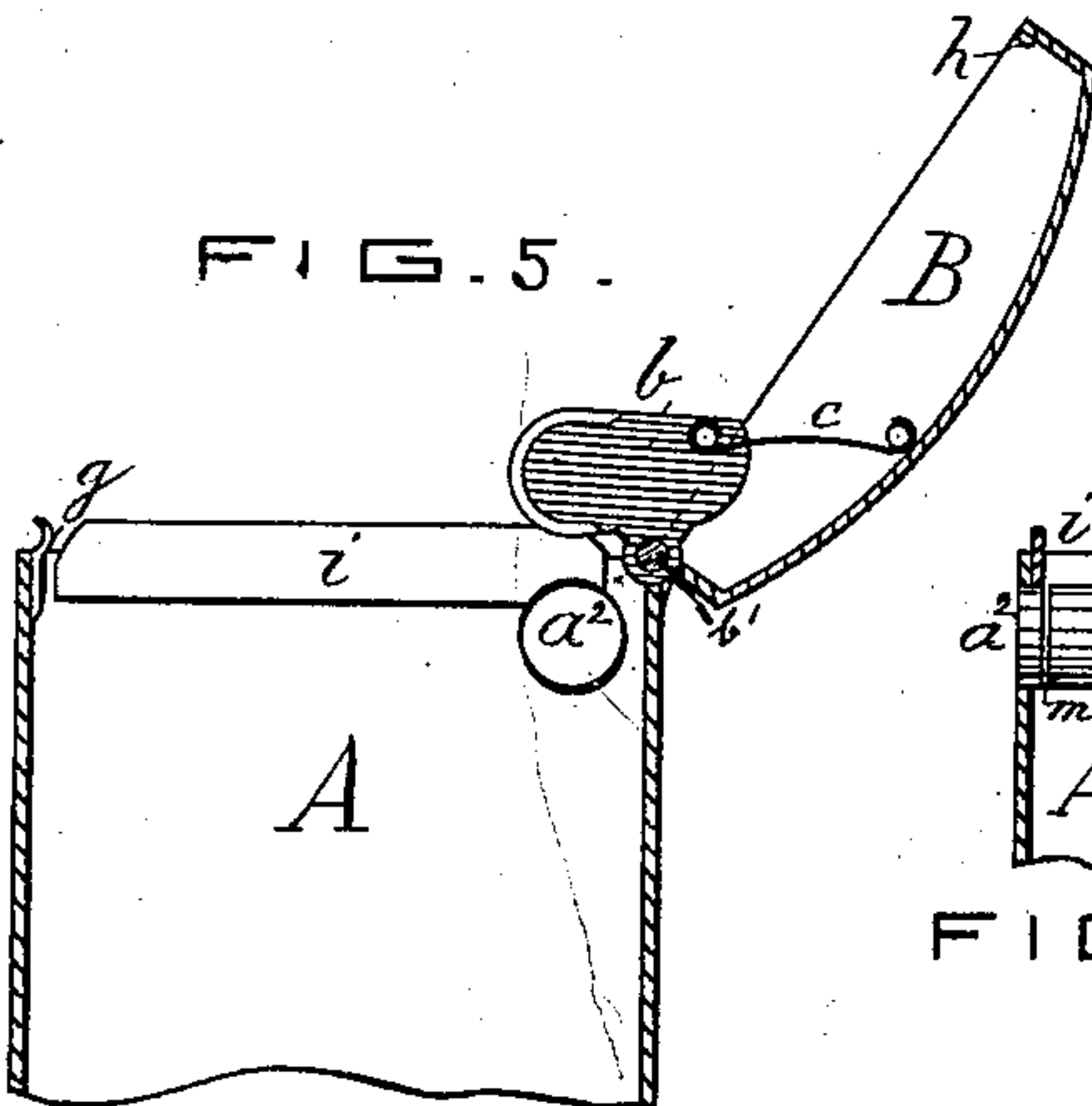


FIG. 6.

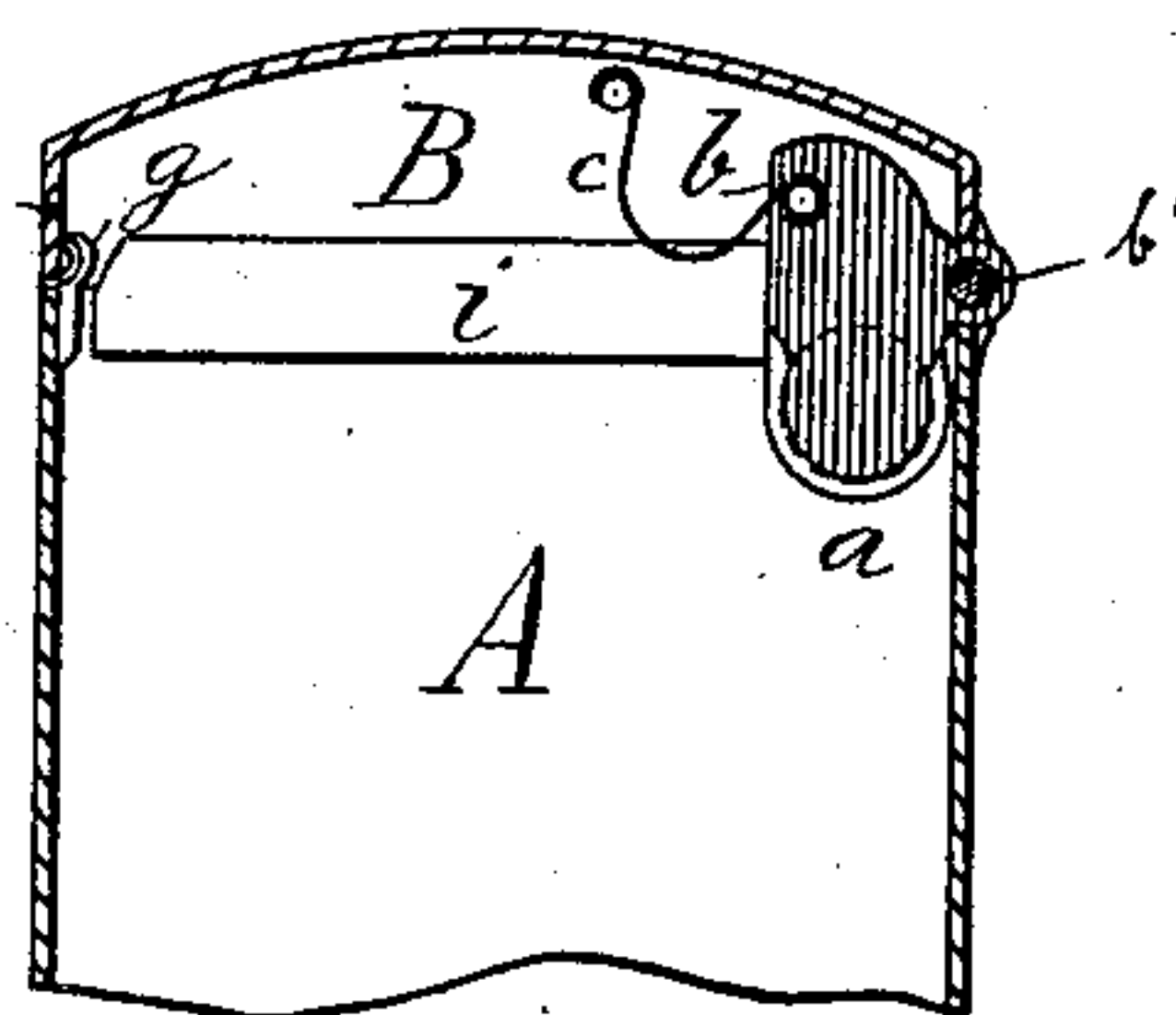
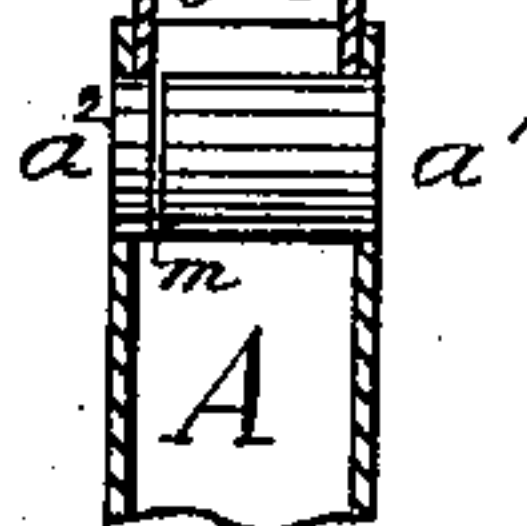


FIG. 7.



WITNESSES

Arthur C. MacLay.
Jallmaage W. Foster.

INVENTOR

William M. Ducker
by Augustus T. Gurlitz
Attorney.

UNITED STATES PATENT OFFICE.

WILLIAM M. DUCKER, OF NEW YORK, N. Y.

COMBINED MATCH-BOX AND CIGAR-CUTTER.

SPECIFICATION forming part of Letters Patent No. 323,028, dated July 28, 1885.

Application filed April 15, 1885. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM M. DUCKER, a citizen of the United States, residing in the city of New York, in the county and State of New York, have invented certain new and useful Improvements in a Combined Match-Box and Cigar-Cutter; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings and the letters of reference thereon, which form part of this specification.

My invention has for its object an improved match-box and cigar-cutter; and it relates to a novel arrangement of cigar-receiving tube or tubes, cigar-cutter, and spring for operating the cigar-cutter, by which but little space will be taken up in the structure by such parts; and I also do away with any spring in the box to operate or throw back the lid thereof, and arrange the lid of the box and the cigar-cutter so that the cutter and the spring for operating the cutter and for throwing open the lid shall be disposed in the lid of the box.

Figure 1 is a side view of a match-box containing my invention. Fig. 2 is a side view of part of a match-box with one side removed, showing the lid open. Fig. 3 is a corresponding view with the lid closed. Fig. 4 is a view from the back of the box with the back removed to show the arrangement for the knife to operate in the center of the box. Fig. 5 is a side view of part of a match-box with one side removed, showing my invention in another form and having the lid open. Fig. 6 is a corresponding view with the lid closed. Fig. 7 is a view from the back of the box with the back removed to show the arrangement for the knife to operate at the side of the box.

Similar letters of reference indicate like parts in all the drawings.

A is a match-box formed out of any suitable material, and B is the lid, hinged at the back of the box in any convenient manner. Near the top of the box I arrange tubes *a a*, made of suitable material, which decrease in size inward, and are of convenient size to receive the end of the cigar, and these are soldered or otherwise suitably secured to the sides of the box, and form an opening through the box from side to side. The slot or open-

ing *m* between them is about the transverse center of the box, and in this slot operates snugly a cutter or knife, *b*. This may be a small blade, as shown in the drawings, and it is hinged, preferably, on the same hinge-pin, *b'*, that carries the lid. The cutter has a spring, *c*, attached to it and to the lid by rivets or screws, or in any other well-known manner, and when the lid is closed this spring is bent or compressed, as shown in Figs. 3 and 6; but when the snap is released the action of this spring is to carry back the lid, and with it the knife *b*, which is thereby held away from the cigar-receiving orifice or tubes *a*. The knife *b* is pressed through the cigar by the lid of the box bearing down upon the top of the knife, as shown in Figs. 3 and 6, when the lid is closed, and the end of the cigar when cut off falls out of one of the tubes *a*.

In Figs. 5 to 7 is shown a modified form of the same invention. In this form the cigar-receiving orifice consists of the tube *a'*, which is suitably attached to one side of the box, with a corresponding opening in the other side of the box at which the end of the cigar is inserted. When the box is made of very thin material, it may be well to insert a strengthening or thickening ring, *a''*, in that side of the box near which the knife operates, as shown in Fig. 7. In this form of structure the knife *b* is arranged to cut at or near one side of the box, as shown, and therefore the tube *a'* need not be as large as the tubes *a a*, into which the cigar must be farther inserted, and provision must be made for its thicker part. This form may therefore be used to advantage in the smaller—that is, narrower—boxes.

Boxes made according to this my invention have but few parts and are very simple in construction. The match-chamber may be made free from springs and rivets, the lid may be made very shallow, and the knife easily arranged within it.

Whatever is shown in this application and found in my prior application No. 96,804, filed June 1, 1883, is hereby disclaimed in this particular application.

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

1. A match-box having a transverse cigar-

receiving tube passing through the body of the box, in combination with a cigar-cutter hinged with and partially contained within the lid and adapted to be moved across the cigar-receiving tube by the action of opening and closing the said lid, and a spring, *c*, attached at one end to the body of the cutting-blade and at the other to the lid of the box and acting to raise the lid, and then, when the lid is thrown back, to carry the cutter away from the cigar-receiving passage, as set forth.

2. A match-box having an opening in one side of the body of the box adapted to receive the tip of a cigar, and a discharge-tube on the opposite side registering therewith, in combi-

nation with a cigar-cutter hinged with the lid of the box and adapted to be moved across said opening by the operation of closing the lid, and a spring secured to and connecting both the cutter and lid, and operating to throw back the lid, and then carry the cutter away from the opening when the lid is raised, substantially as specified.

WILLIAM M. DUCKER.

Witnesses:

RICHARD McLAUGHLIN,
THADDEUS C. S. CROSBY.