

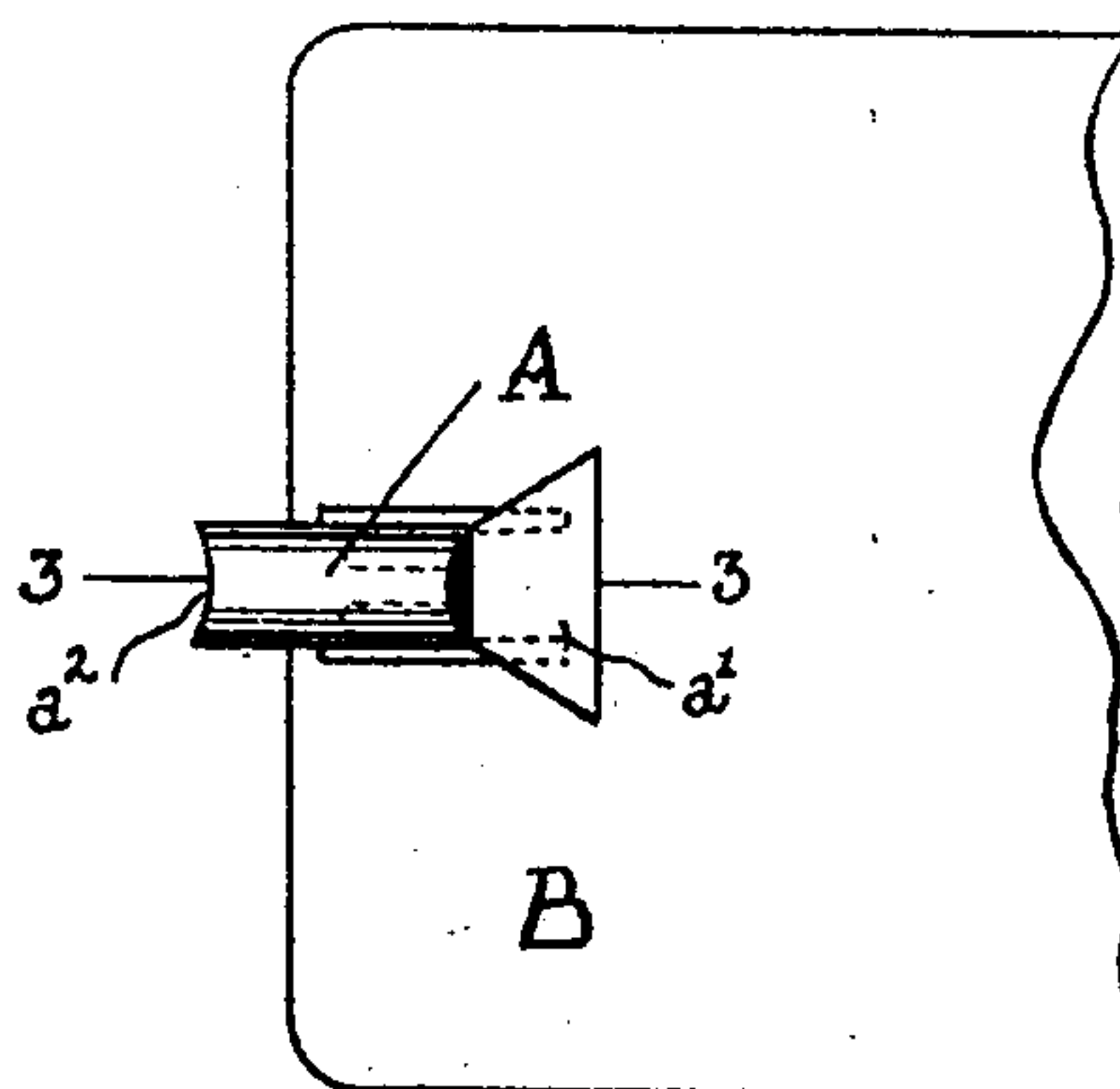
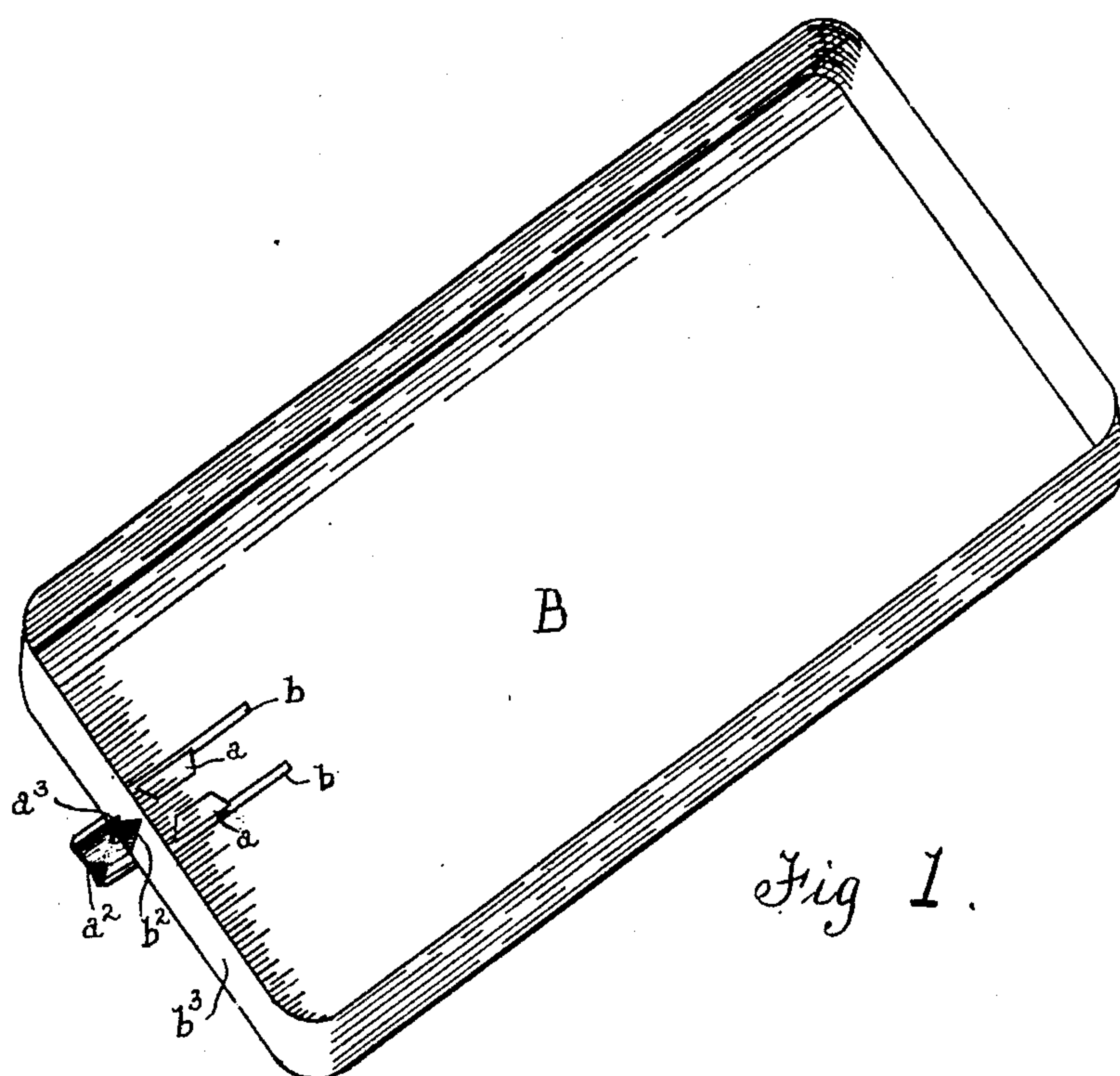
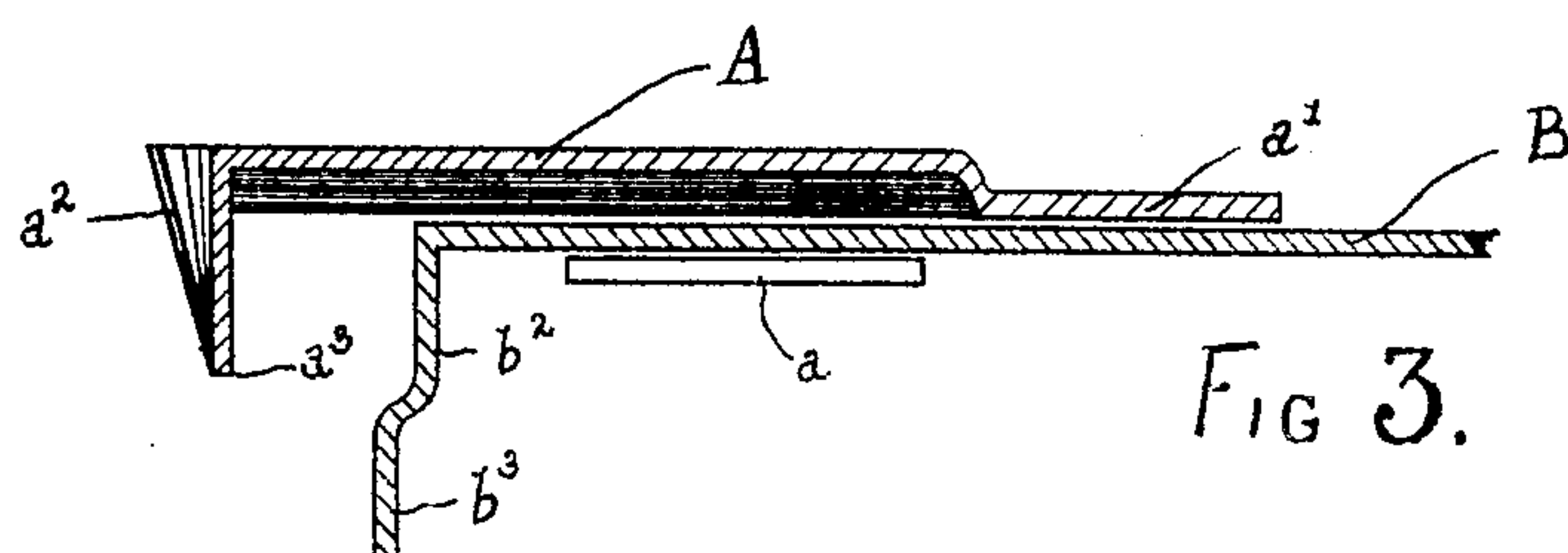
No. 805,454.

PATENTED NOV. 28, 1905.

W. R. DODD.  
METALLIC BOX.

APPLICATION FILED MAR. 4, 1904.

2 SHEETS—SHEET 1.



Witnesses  
H. K. Boulton  
J. H. Thompson

Inventor  
W. R. Dodd  
By H. E. Boulton  
Attorney

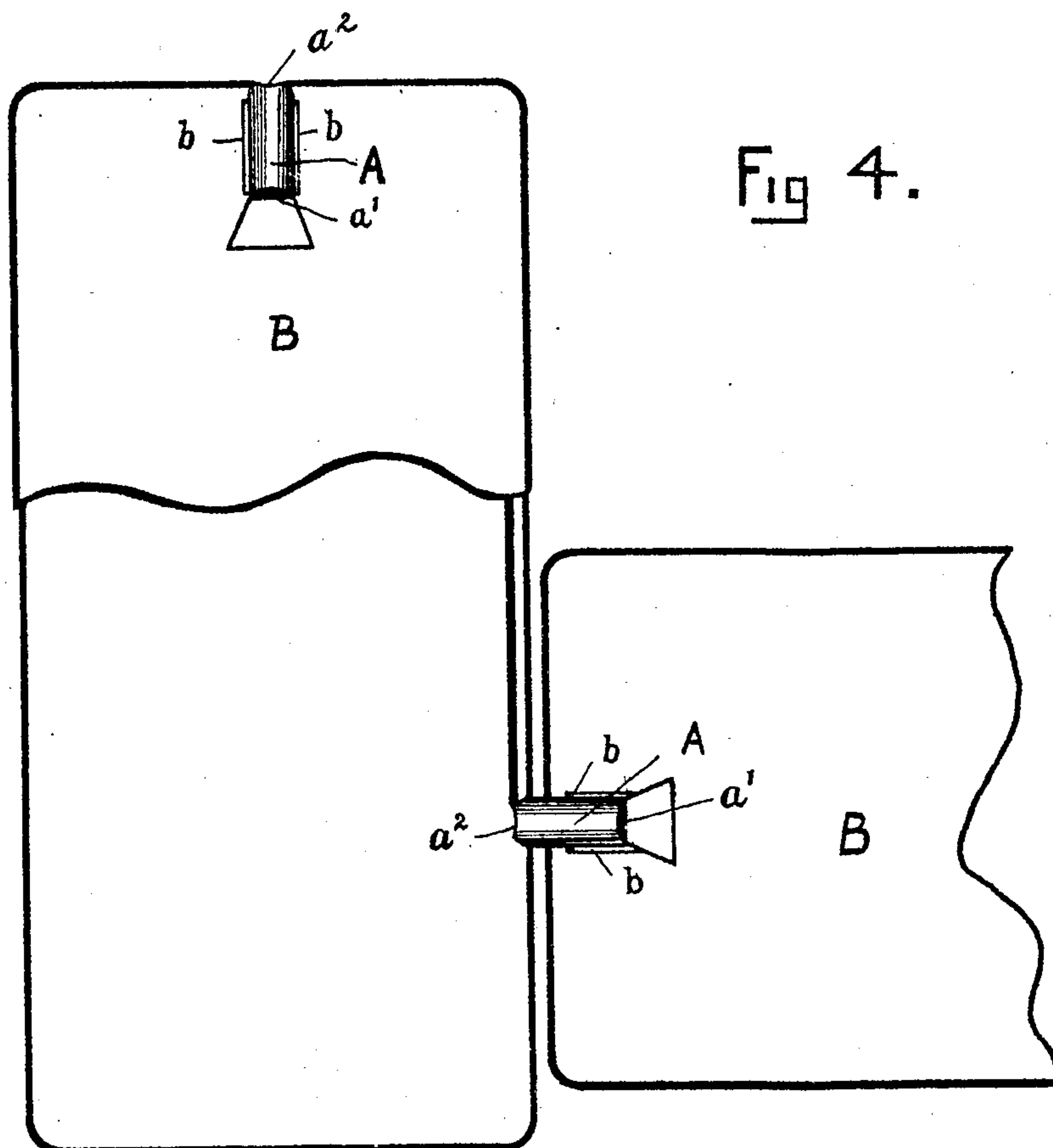
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2 SHEETS—SHEET 2.



Witnesses:  
W. H. Bonell  
W. J. Harkness

Inventor  
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By *Wm. E. Boulter*  
attorney

# UNITED STATES PATENT OFFICE.

WILLIAM RALPH DODD, OF LONDON, ENGLAND.

## METALLIC BOX.

No. 805,454.

Specification of Letters Patent.

Patented Nov. 28, 1905.

Application filed March 4, 1904. Serial No. 196,584.

*To all whom it may concern.*

Be it known that I, WILLIAM RALPH DODD, manufacturer, a subject of the King of Great Britain, residing at 37 Lombard street, in the city of London, England, have invented certain new and useful Improvements in or in Connection with Metallic Boxes, of which the following is a specification.

My invention relates to improvements in or connected with metallic boxes, the object being to arrange a cutter so that the thin end of a square, oblong, or other irregular-shaped metallic box may be efficiently cut out.

My invention consists in attaching to the cover or lid of a square, oblong, or other irregular-shaped metallic box a cutter extending outwardly from the edge of said lid and being arranged to slide so as to take into a notch or indentation made in the cover or lid, or a hole may be cut in the edge of the lid to receive the cutter when not in use.

In the accompanying drawings, Figure 1 is a perspective view of the cover or lid of an oblong metallic box with a cutter attached thereto according to my invention and shown in the open or drawn-out position. Fig. 2 is a plan of part of the same, and Fig. 3 is an enlarged vertical section taken on the line 3 3 of Fig. 2. Fig. 4 is a plan view showing the mode of cutting out the taggers-tin cover of an oblong box.

The same parts are lettered to correspond in all the figures.

The cutter A is attached to the outer face of the cover or lid B, being provided with two wings, flanges, or projections  $a$ , which are turned at right angles to the plane of the cutter, are then passed through slits  $b$  in the lid B, and are then pressed down parallel with the plane of the lid, as shown in Fig. 1. The rear of the cutter is depressed, as shown at  $a'$ , so as to form a ridge or shoulder by which the cutter may be pressed outward by

the finger or thumb into the open position ready for use, as shown in the drawings. The front  $a^2$  of the cutter is of an approximately triangular shape, terminating in a cutting-point  $a^3$ , and is turned down at right angles and dished or curved in its plane, as shown in Figs. 2 and 3. In the example shown the front  $a^2$  of the cutter when not required for use takes into a recess or indentation  $b^2$ , formed in the flange  $b^3$  of the lid B; but it may be received in an aperture cut in the flange  $b^3$ .

When it is desired to cut the thin end of a metallic box, the lid B, carrying the cutter, is removed. The cutter is then slid out to extend outside the edge of the lid, as shown in the drawings, and the cutting-point  $a^3$  is then pressed through the thin end of the box and drawn round until it has been completely cut out, the curvature or dishing of the front  $a^2$  allowing the cutter to be passed round the corners of the irregular-shaped box.

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

A cover or lid for a square, oblong or other irregular-shaped metallic box, said cover or lid having slits therein, a cutter arranged upon the outer face of the cover and having flanges or projections which slidably engage within the said slits in the cover, said cutter also having its front end turned down at an angle and shaped to provide a cutting-point which is concave when viewed from the front, as set forth.

In testimony whereof I have hereunto set my hand, in presence of two subscribing witnesses, this 11th day of February, 1904.

WILLIAM RALPH DODD.

Witnesses:

GEO. J. B. FRANKLIN,  
JOSEPH LAKE.