

No. 768,996.

PATENTED AUG. 30, 1904.

ANTHONY ISKE & ALBERT ISKE.  
CIGAR TIP CUTTER AND ADVERTISING DEVICE.

APPLICATION FILED SEPT. 30, 1902.

NO MODEL.

2 SHEETS—SHEET 1.

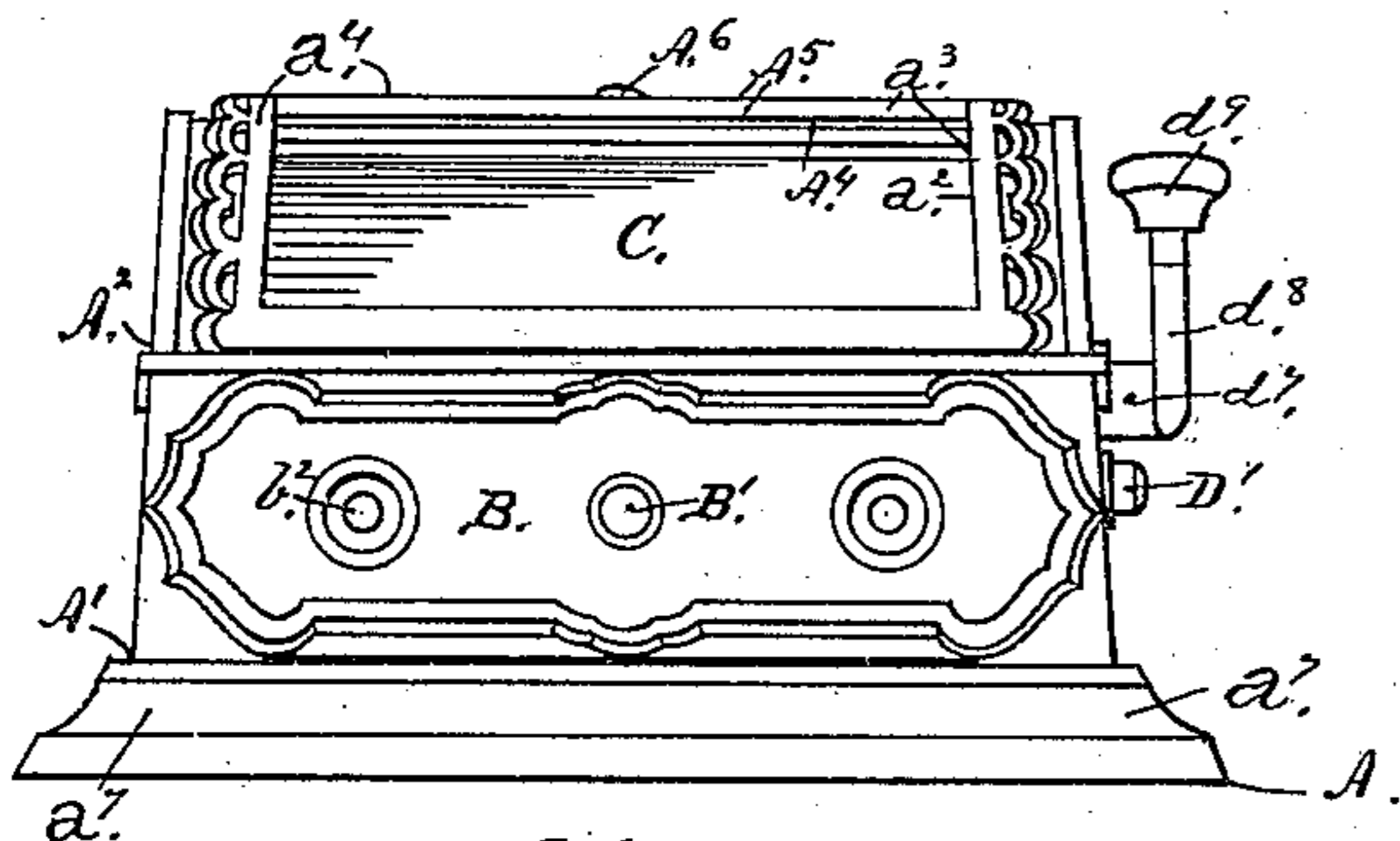


Fig. 1.

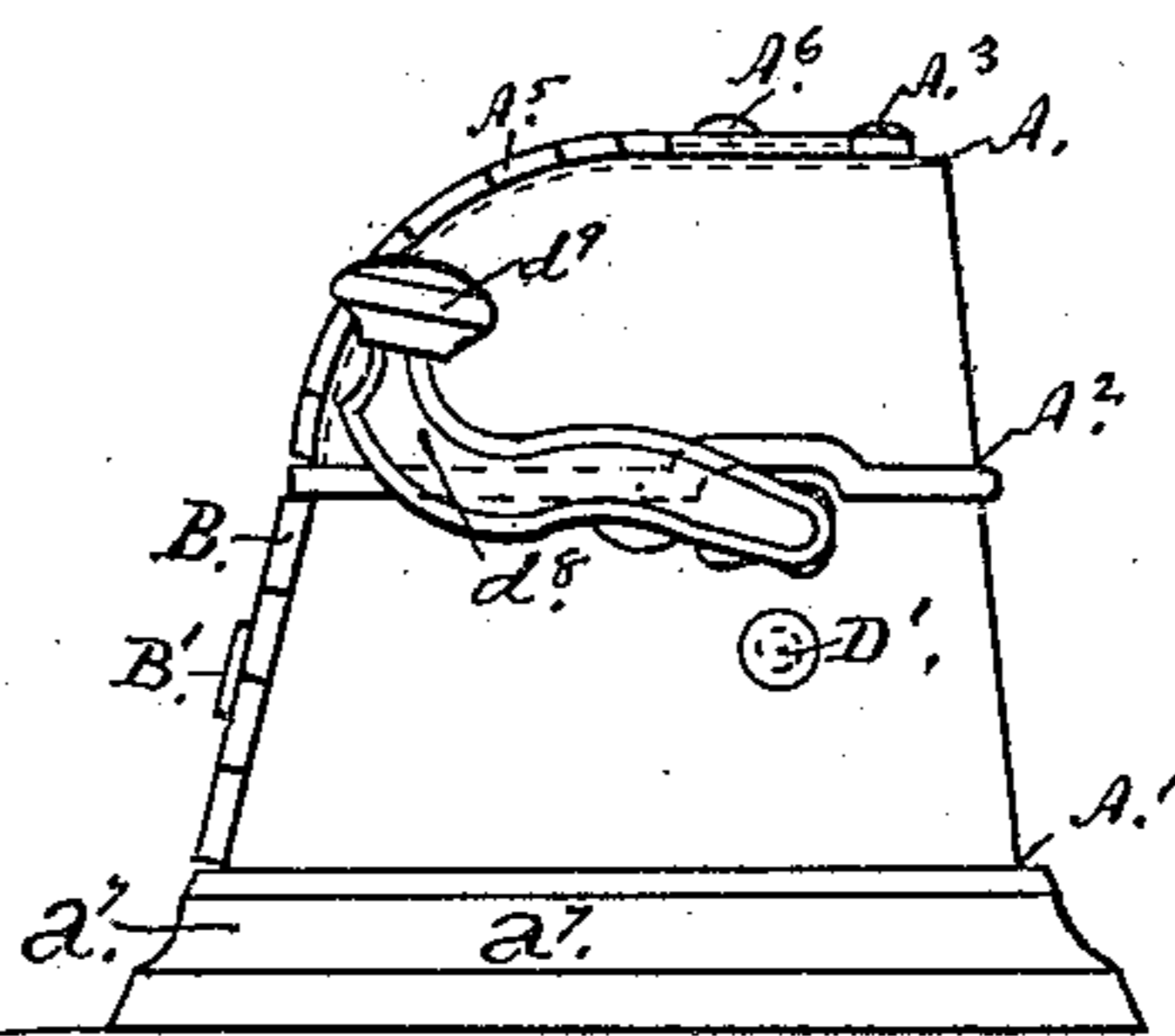


Fig. 2.

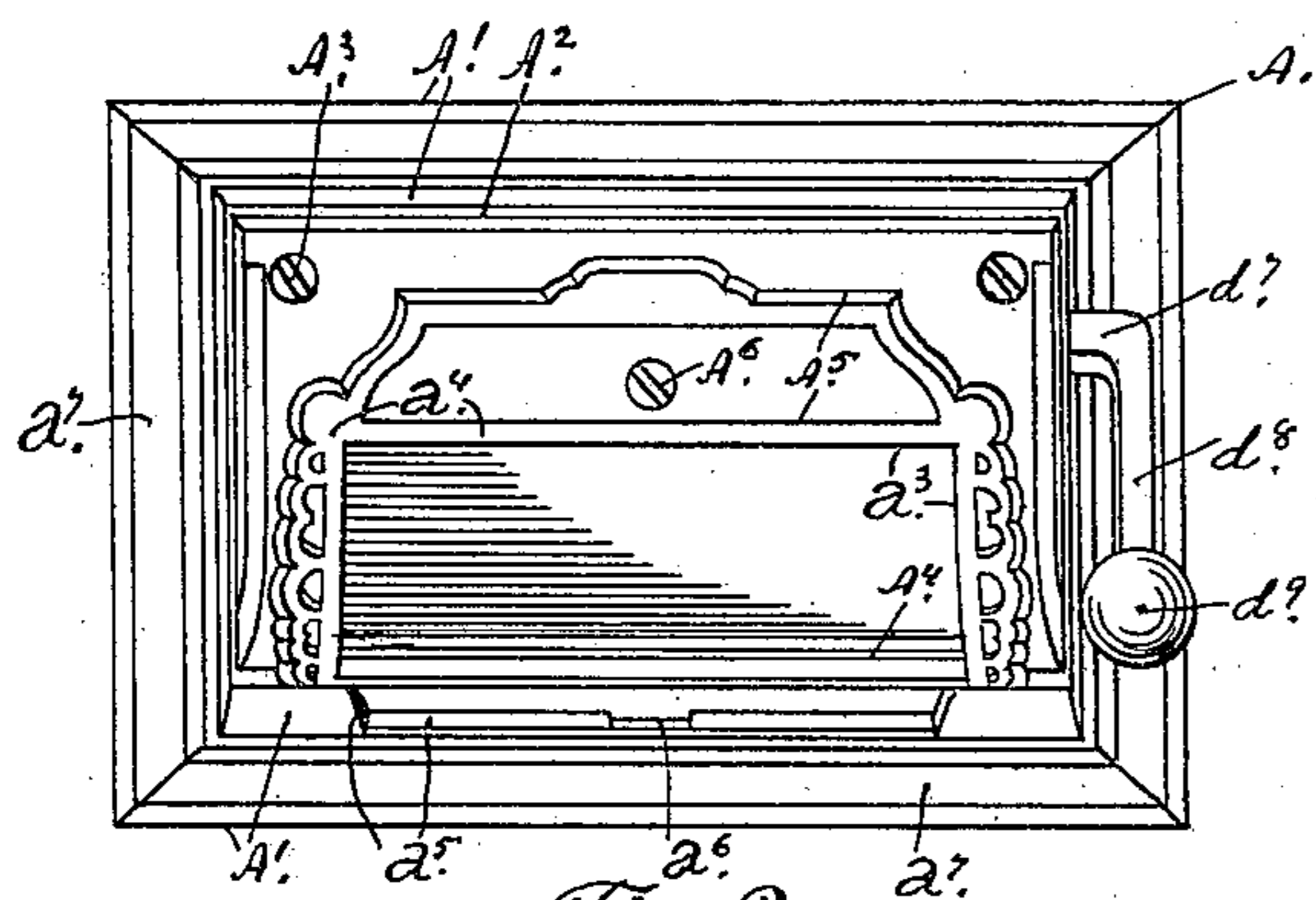


Fig. 3.

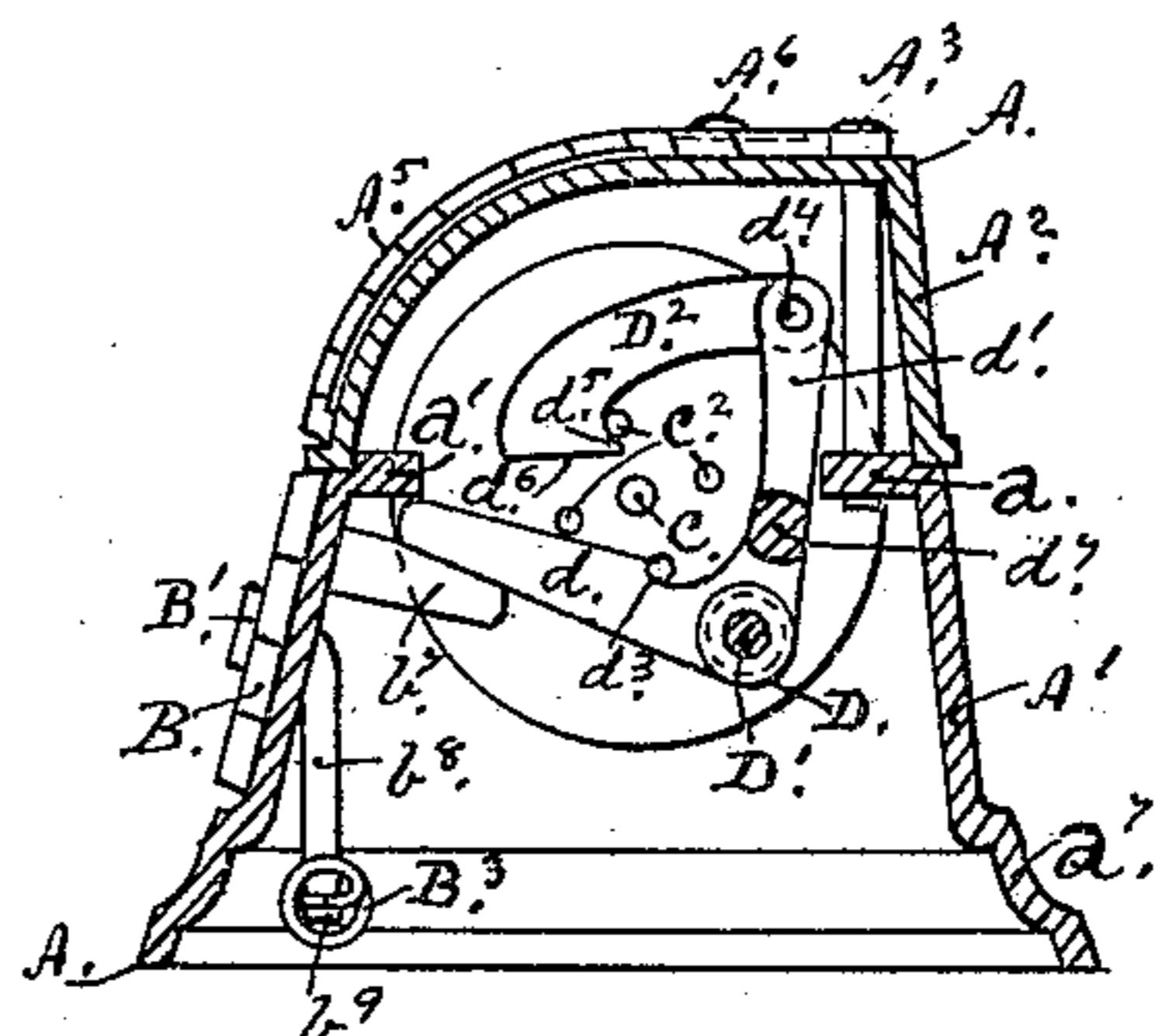


Fig. 4.

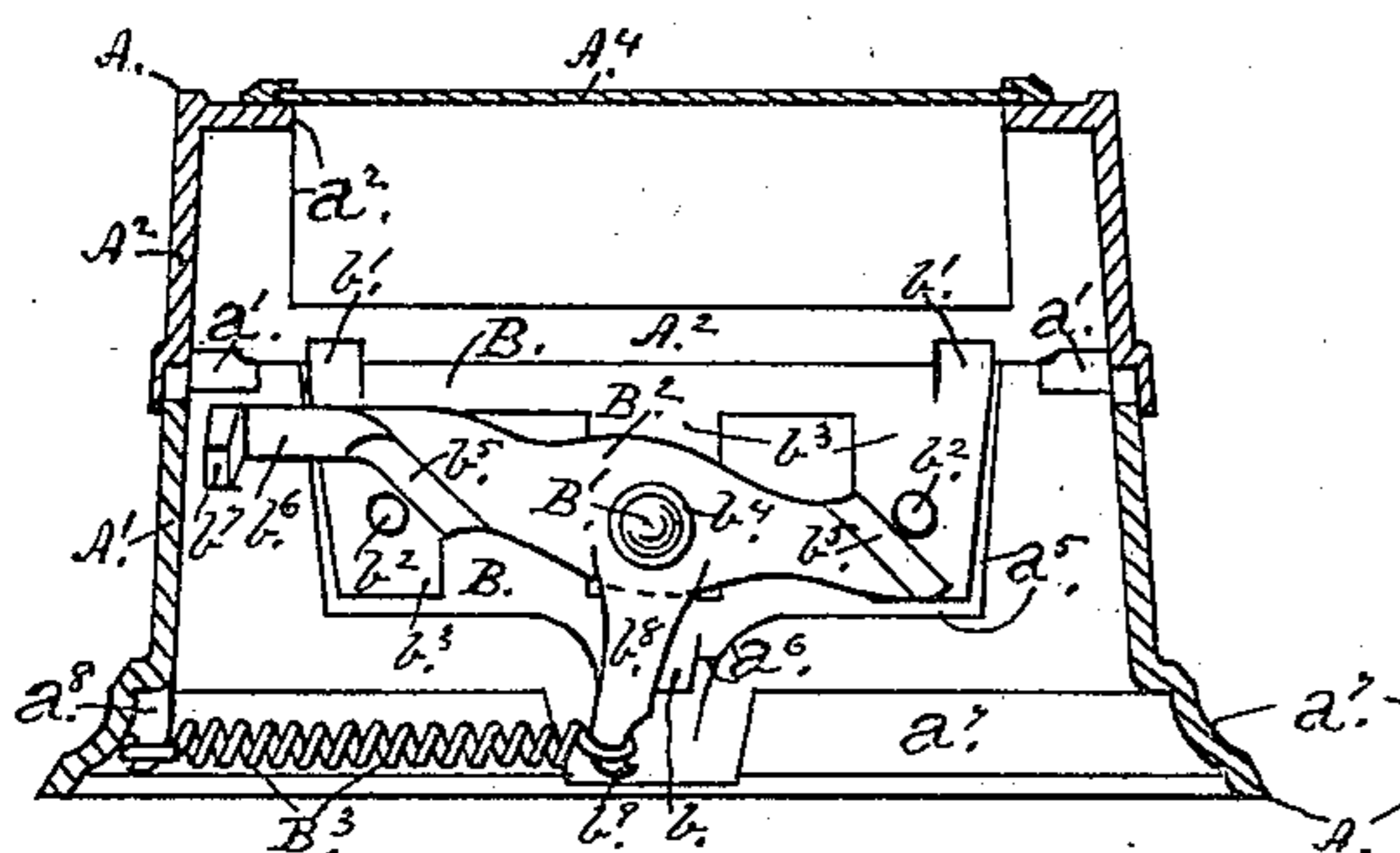


Fig. 5.

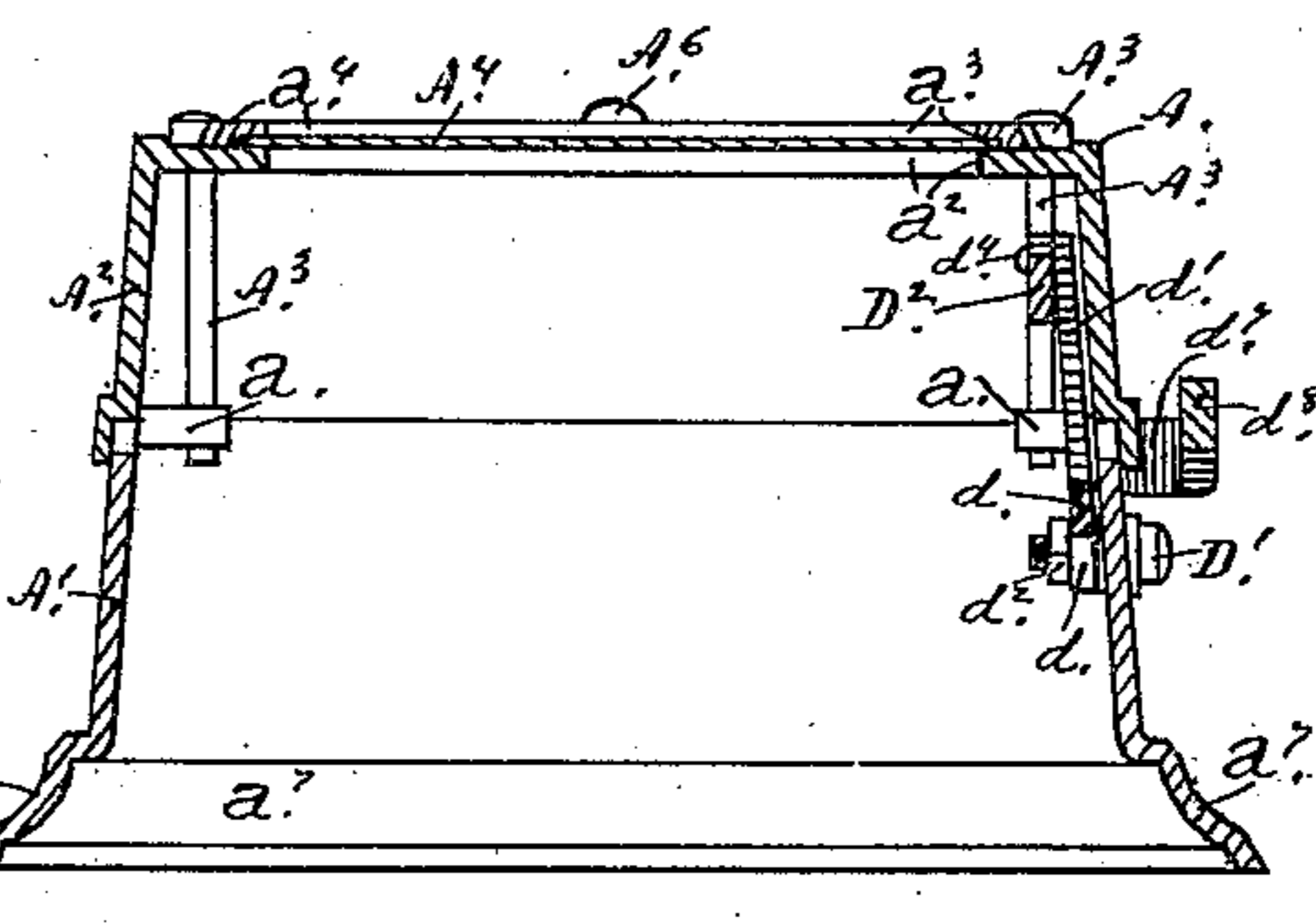


Fig. 6.

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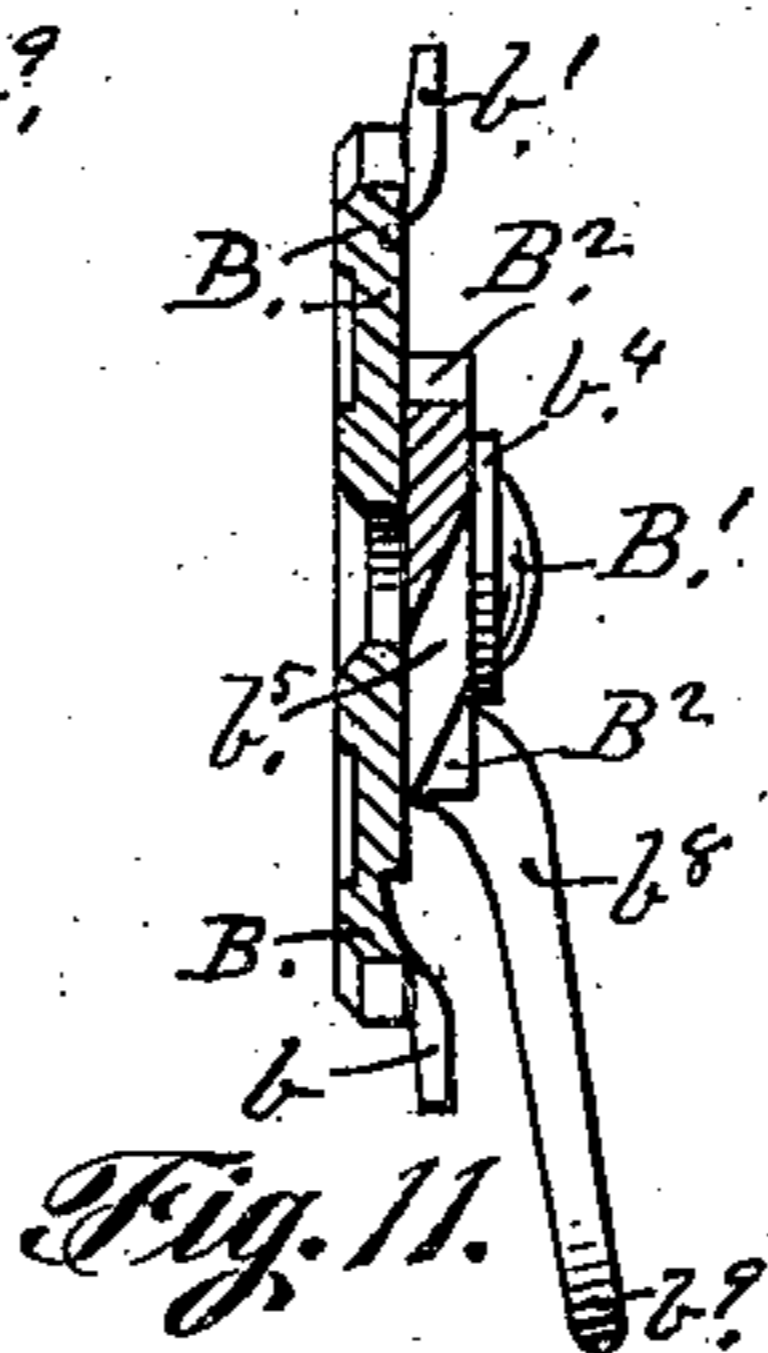
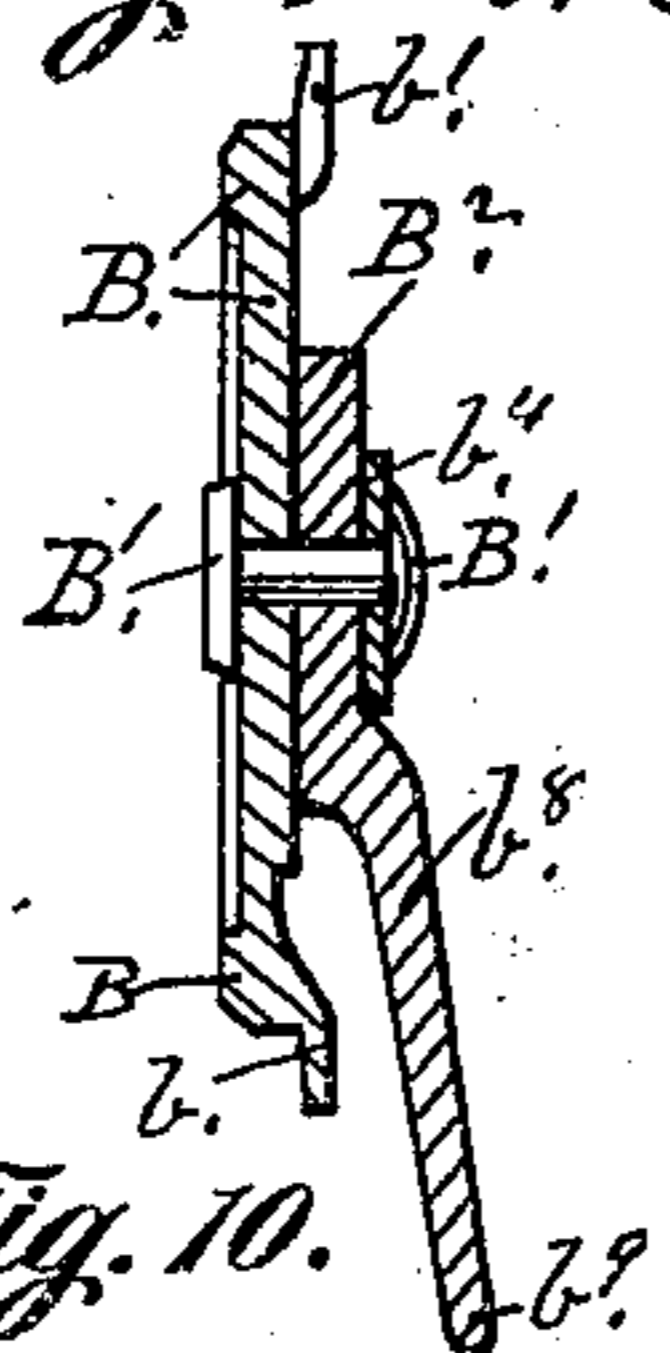
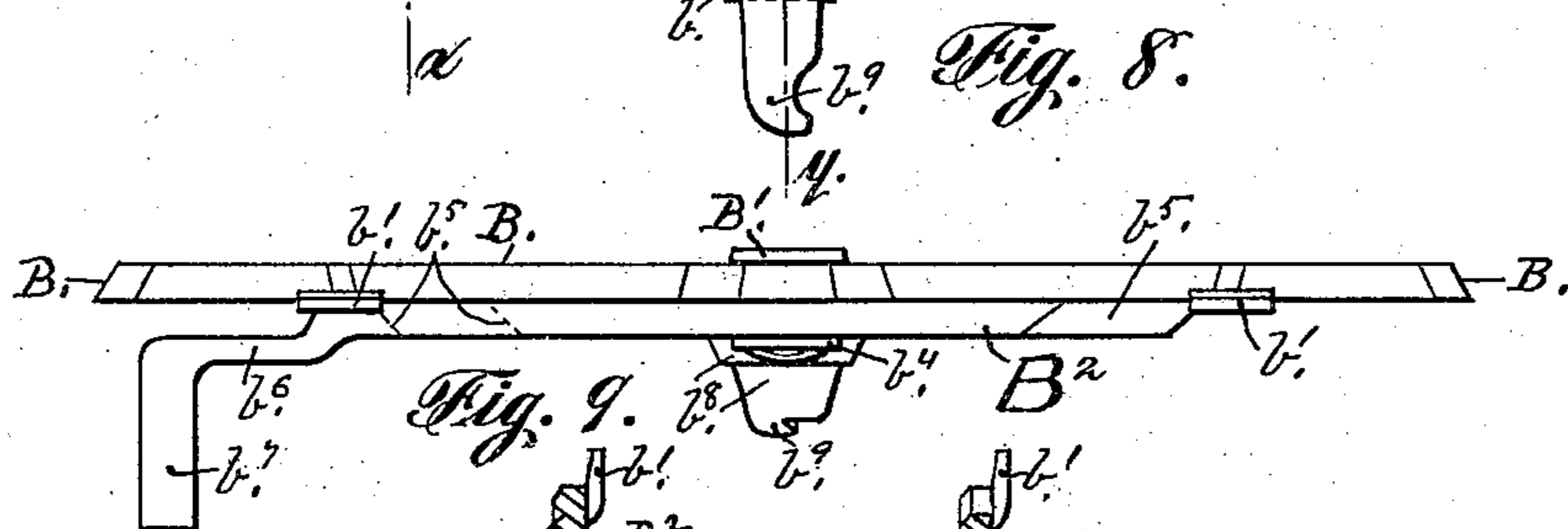
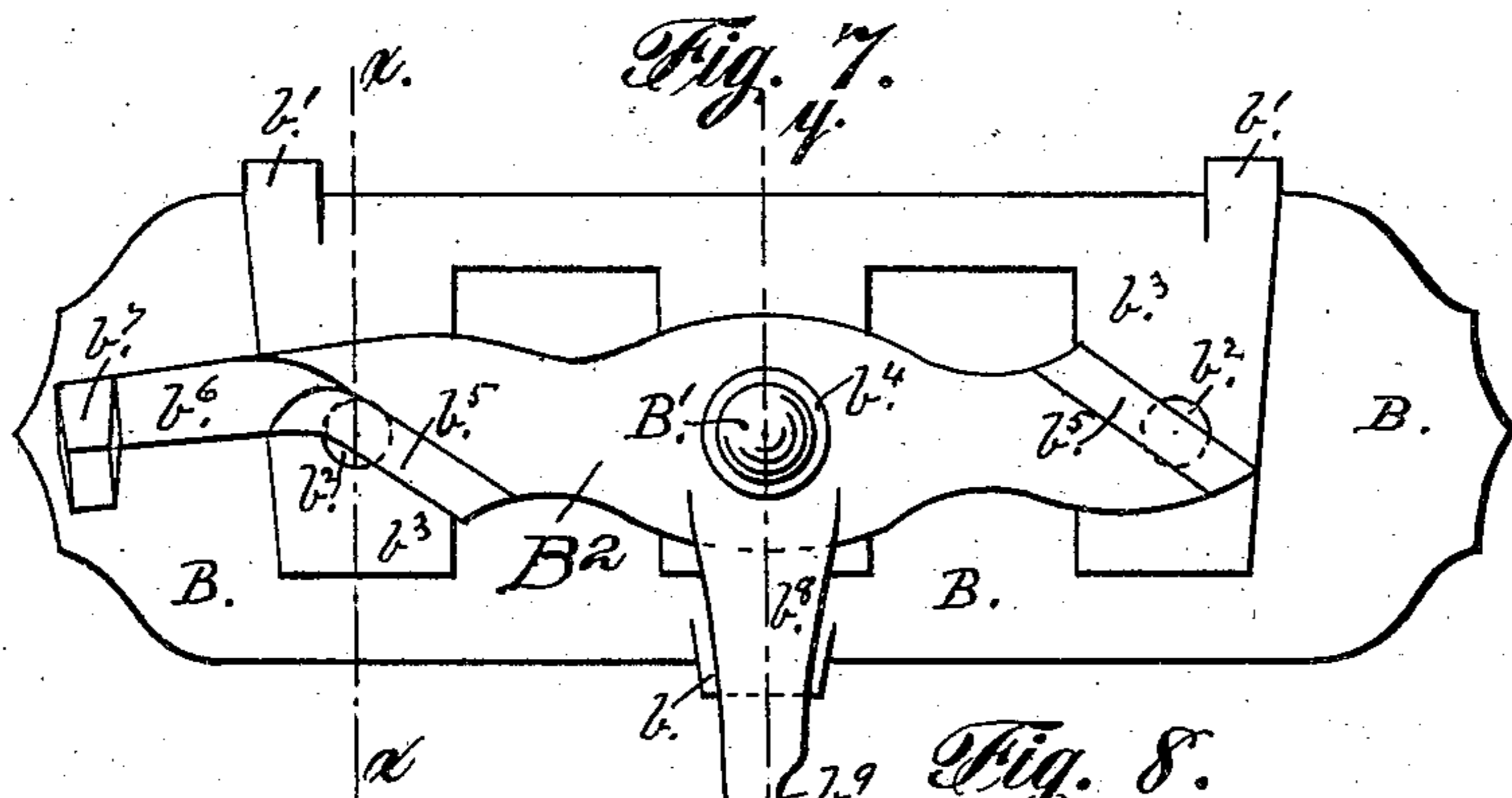
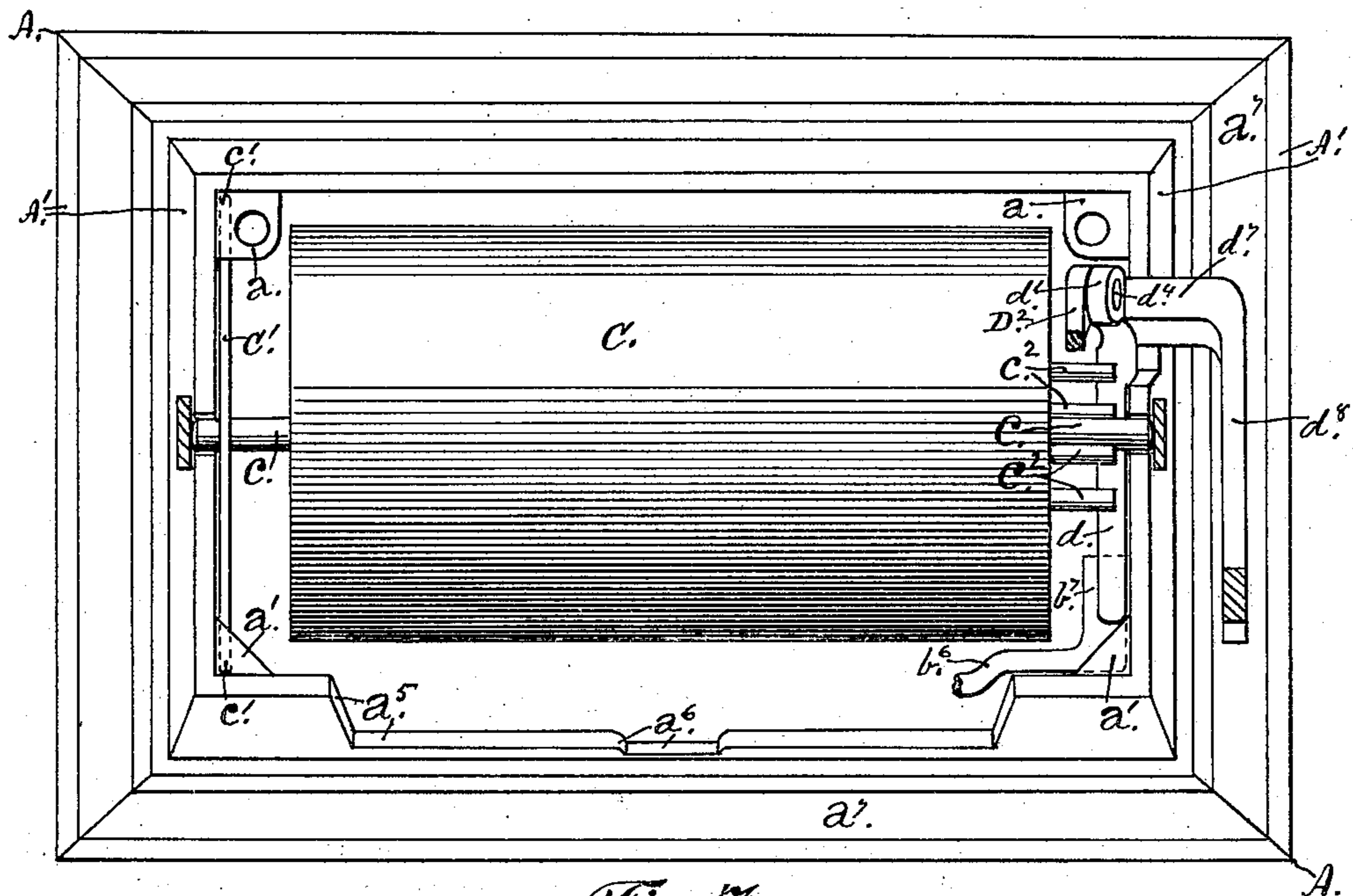
ANTHONY ISKE & ALBERT ISKE.

# CIGAR TIP CUTTER AND ADVERTISING DEVICE.

APPLICATION FILED SEPT. 30, 1902.

NO MODEL.

2 SHEETS—SHEET 2.



**WITNESSES:**

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# UNITED STATES PATENT OFFICE.

ANTHONY ISKE AND ALBERT ISKE, OF LANCASTER, PENNSYLVANIA,  
ASSIGNORS OF ONE-HALF TO PAUL HEINE, OF LANCASTER, PENN-  
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## CIGAR-TIP CUTTER AND ADVERTISING DEVICE.

SPECIFICATION forming part of Letters Patent No. 768,996, dated August 30, 1904.

Application filed September 30, 1902. Serial No. 125,380. (No model.)

*To all whom it may concern:*

Be it known that we, ANTHONY ISKE and ALBERT ISKE, citizens of the United States, residing at Lancaster, in the county of Lancaster and State of Pennsylvania, have invented certain new and useful Improvements in Cigar-Tip Cutters and Advertising Devices; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in a machine for cutting off cigar-tips and displaying advertisements, being of that class in which a cutting-bar and a revoluble cylinder or drum are so mounted and operated within a suitable casing that the former will cut off the tips of cigars and the latter at intervals display through a transparently-covered opening in said casing different views, cards, or other legends; but as Patent No. 524,713, dated August 21, 1894, was issued to Clyde H. Gould for a "Combined cigar-tip cutter and advertising device" this application relates particularly to the construction of the casing and the mechanism provided for operating the cutting-bar and rotating the cylinder or drum.

The object of the invention is to so construct the casing that it may be readily taken apart to change portions thereof, to replace the views, &c., on the cylinder with other ones, and to repair the mechanism.

The elements of the invention will severally and at large appear in the following description, and they will be separately or combinedly set forth or pointed out in the appended claims.

The purposes of the invention are attained by the mechanism, devices, and means illustrated in the accompanying drawings, with similar reference characters to designate like parts throughout the several views, in which—

Figures 1, 2, and 3 respectively show a front side elevation, a right-hand end elevation, and a top view, of a cigar-tip cutter and advertising-machine embodying the elements of the invention with the plate carrying the

cutting-bar removed from the front side wall in Fig. 3, showing an opening therein. Fig. 4 is a view similar to Fig. 2 with the near end wall and the exterior lever-arm removed; Fig. 5, an inside view of the casing cut vertically through the cylinder-spindle bearings, showing the tip-cutting bar in position on the plate closing the opening in the front side wall with the cylinder and operating-lever arms omitted; Fig. 6, a similar view of the casing, showing the back side wall with the bolts securing the upper and lower portions of the casing together in position. Fig. 7 is a top plan with the cover removed. Fig. 8 is a front elevation of the cutting-bar and plate. Fig. 9 is a top plan view of the parts shown in Fig. 8. Fig. 10 is a vertical section on the line *yy* of Fig. 8, and Fig. 11 is a vertical section on the line *xx* of Fig. 8.

The casing A of the invention consists of a base portion A' and a covering portion A<sup>2</sup>, the two being secured together by bolts A<sup>3</sup>, with their heads engaging on top of the latter and their opposite ends screw-threaded and tapped into corner-blocks *a*, integral with the rear side and end walls of the former, while in its forward side angles are corner-blocks *a'*, all of which blocks, projecting slightly above its upper edge, by engaging in the angles thereof serve to keep the covering portion endwise and sidewise in place. The front part of the portion A<sup>2</sup> of the casing is circularly, upwardly, and rearwardly rounded to about the center thereof and continued in a horizontal or level plane to its rear edge. In the rounded part is formed an opening *a*<sup>2</sup>, exposing to view the inside of the casing. This opening is covered by a transparent sheet A<sup>4</sup>, as of mica or celluloid. This sheet is held in place by a plate A<sup>5</sup>, having in it an opening *a*<sup>3</sup>, registering with said former opening, but leaving a surrounding rim *a*<sup>4</sup> to overlie the margin of the transparent sheet and practically the whole of the level top, while a screw A<sup>6</sup>, passed through the plate, tapped and screwed home into said top, serves to removably secure said sheet and plate in place and to securely hold the three together. In the front

side wall of the portion A' is formed an opening  $a^5$ , extending through the upper edge and to near the bottom, the center part of the lower edge of which opening is cut away to form a notch 6, extending still nearer the bottom, and the lower edge of the portion A' is surrounded with an outwardly-flaring molding  $a^7$ , having at a prescribed point within at one end of the casing a downwardly-projecting finger  $a^8$ , while the bottom of the said lower portion remains open for the removal of the cuttings or clippings; but a dish or receptacle (not shown) may be placed therein to gather the same.

Against the outer surface of the front side wall of the portion A', covering the opening  $a^5$  therein, with its upper edge even with the top of the wall and its lower edge engaging on top of the molding  $a^7$ , is the plate B, secured in position by a central depending lip  $b$ , engaging within the notch  $a^6$  behind said wall, and upwardly-projecting lips  $b'$   $b'$ , engaging behind the lower edge of the side wall of the portion A'. At prescribed points on the horizontal center line of the plate are formed orifices  $b^2$   $b^2$  for the insertion of cigar-tips to be cut off, and midway therebetween, passing therethrough from front to rear, is a headed pin or rivet B', with its head engaging against the outer surface of the plate. With its center journaled on this pin and engaging against slight bosses  $b^3$  on the inner surface of said plate is an oscillatable bar B<sup>2</sup>, secured in position by a washer  $b^4$  on the inner end of said pin, which is riveted home onto said washer. The extremities of the bar are provided with oppositely-disposed diagonal cutting edges  $b^5$   $b^5$ , moving over said orifices  $b^2$  and cutting off the therethrough-inserted cigar-tips when said bar is oscillated. At one end of the bar is an elongation  $b^6$ , curved inwardly therefrom for clearing the adjacent portion of the side wall and having at its outer end a rearwardly-extending and downwardly-sloping arm  $b^7$  to be engaged on its upper edge by a lever-arm, whereby said bar is moved to cut off the cigar-tips. Below the pivot-point and curving away from its rearward surface to clear the casing-wall the bar is centrally provided with a downwardly-projecting arm  $b^8$ , having at its lower end a hook  $b^9$ , on which is placed one end of a coiled spring B<sup>3</sup>, with its other end engaged on the finger  $a^8$  before mentioned, said spring serving to hold said cutting-bar in the position shown in Fig. 5 ready to cut off the cigar-tips; but the spring should have sufficient resiliency to return all the working parts to normal positions.

Within the casing is mounted a suitable cylinder or drum C, having on its convex surface the desired advertisements, with its axial spindles  $c$   $c$  journaled in bearings formed in the end walls of the casing and adapted to be intermittently rotated over a stated number of degrees, bringing into view through said

transparent sheet A' a different advertisement with each rotation. Over the left-hand end spindle  $c$  is placed a bar or rod C', of spring metal, with its ends  $c'$  engaging underneath the adjacent corner-blocks  $a$   $a'$  to check or hold the cylinder after said rotations, while around the right-hand end spindle  $c$  are circularly arranged and rigidly secured into the cylinder end the required number of pins  $c^2$ , one to each advertisement, whereby a pawl yet to be described will give the required rotation. Between the cylinder end with the pins  $c^2$  above mentioned and the adjacent end wall of the casing is arranged an angle-lever D, having two arms  $d$   $d'$  practically at right angles and pivoted to said end wall, as by a headed screw D', journaled therethrough, with its head engaging against the outer surface of the casing and its opposite end tapped into and through the body of the lever practically at the juncture of said arms, while a jam-nut  $d^2$ , screwed home thereon, rigidly affixes it to the lever. The horizontally-disposed arm  $d$  of lever D by engaging on the arm  $b^7$  on being depressed serves to rock the bar B<sup>2</sup> and having in its upper edge a notch or offset  $d^3$ , to be successively engaged by said pins  $c^2$ , checks or stops the further rotation of the cylinder, and the arm  $d'$ , upwardly extending, has pivoted to its free end, as by a pin  $d^4$ , the upper end of a gravity-pawl bar D<sup>2</sup>, having at its lower front end an introverted under edge hook  $d^5$  to engage the cylinder end pins  $c^2$  and having a straight under edge  $d^6$  sloping forwardly and downwardly from said hook to successively slide over the pins, bringing the hook into engagement therewith, the tension of the bar C' preventing the cylinder from turning meanwhile, while the arm  $d'$  at a suitable distance above the angle-pivot is provided with a side projection  $d^7$ , extending through an opening in the end wall, with freedom of motion back and forth therein, to the outside of the casing, where said projection is provided with a forwardly and upwardly sloping handle-arm  $d^8$ , having a top button  $d^9$  on its free end, whereon a hand-pressure will operate said angle-lever, setting in motion all of the mechanism to perform its functions—that is, cutting off the desired cigar-tips with each downward stroke and bringing into view a different advertisement with each upward movement.

The invention having been thus ascertained and described and the manner in which its functions are performed fully shown and set forth, what is considered new, and desired to be secured by Letters Patent, is—

1. In a machine for cutting off cigar-tips and displaying advertisements as described, having a casing composed of lower and upper portions placed horizontally together and separably secured, the combination with said lower portion having an opening in its front side wall through the upper edge thereof, of

a plate placed against the outer surface of the wall, covering said opening and removably secured, said plate having the tip-entering orifice,  $b^2$ , the pivot-pin,  $B'$ , on said plate, and the oscillatable bar,  $B^2$ , centrally journaled on said pin, said bar having the cutting edges,  $b^5$ , and the end elongation,  $b^6$ , with the rearwardly-extending and downwardly-sloping arm,  $b^7$ , and mechanism provided to oscillate said bar, substantially as and for the purpose set forth.

2. In a machine for cutting off cigar-tips and displaying advertisements having a casing composed of two portions, the lower portion having an opening in its front side wall, with a plate covering said opening and removably secured, said plate having the tip-entering orifices,  $b^2$ , and the headed pivot-pin,  $B'$ , the combination with the cutting-bar,  $B^2$ , centrally journaled on said pivot-pin and having the depending arm,  $b^8$ , with a lower end hook,  $b^9$ , of the coiled spring,  $B^3$ , having one end engaging on said hook, and the other end on a finger depending from the right-hand end wall of the casing adjacent to the lower edge thereof, with mechanism provided to depress the right-hand end of said bar,  $B^2$ , substantially as and for the purpose hereinbefore set forth.

3. In a machine for cutting off cigar-tips and displaying advertisements, having the sectional casing with the opening,  $a^5$ , in the front side wall of the lower portion thereof, and the plate,  $B$ , removably secured, covering said opening, the combination with the cutting-bar,  $B^2$ , centrally journaled against the inner surface of said plate, said bar having the cutting edges,  $b^5$ , the right-hand end elongation,  $b^6$ , with the rearwardly and downwardly sloping arm,  $b^7$ , and the spring,  $B^3$ , provided to hold it in tip-cutting position, of the angle-lever,  $D$ , pivoted against the inner surface of the adjacent end wall of the casing, said lever having the arms,  $d$   $d'$ , said arm,  $d$ , engaging on said arm,  $b^7$ , and said arm,  $d'$ , having means provided to forwardly rock said lever and an

advertising device operated by the said lever, substantially as and for the purpose hereinbefore set forth.

4. In a machine for cutting off cigar-tips and displaying advertisements having a two-part casing with an opening in the front wall of the lower portion thereof and a transparent plate covering an opening in the forward part of its upper portion, with a plate covering the opening in said lower portion, all as described, the combination: with the cutting-bar,  $B^2$ , centrally pivoted against the inner surface of said covering-plate, said bar having the right-end elongation with the inwardly and downwardly sloping extension,  $b^7$ , and the spring,  $B^3$ , engaging the arm  $b^8$  to hold the bar  $B^2$  in tip-cutting position, and with the cylinder,  $C$ , having its axial spindles journaled in the end walls of the casing, with the spring-bar,  $C'$ , frictionally engaging on the left-end spindle, and the pins,  $c^2$ , projecting from the end of the cylinder encircling the right-end spindle, of the angle-lever,  $D$ , with the forwardly and upwardly disposed arms,  $d$   $d'$ , pivoted through the juncture of said arms to the inner surface of the adjacent end wall of the casing, said arm,  $d$ , having the offset,  $d^3$ , and engaging on said extension,  $b^7$ , the gravity-pawl,  $D^2$ , having its rear upper end pivoted to the upper end of the arm  $d'$ , and the lower end of the pawl having the introverted hook,  $d^5$ , with the forwardly and downwardly sloping lower edge,  $d^6$ , and the arm  $d'$  having means extending through said wall and outside of the casing to forwardly oscillate or rock said lever, substantially as described and for the purpose hereinbefore set forth.

In testimony whereof we affix our signatures in presence of two witnesses.

ANTHONY ISKE.  
ALBERT ISKE.

Witnesses:

DANL. H. HERR,  
CHAS. E. LONG.