

No. 665,988.

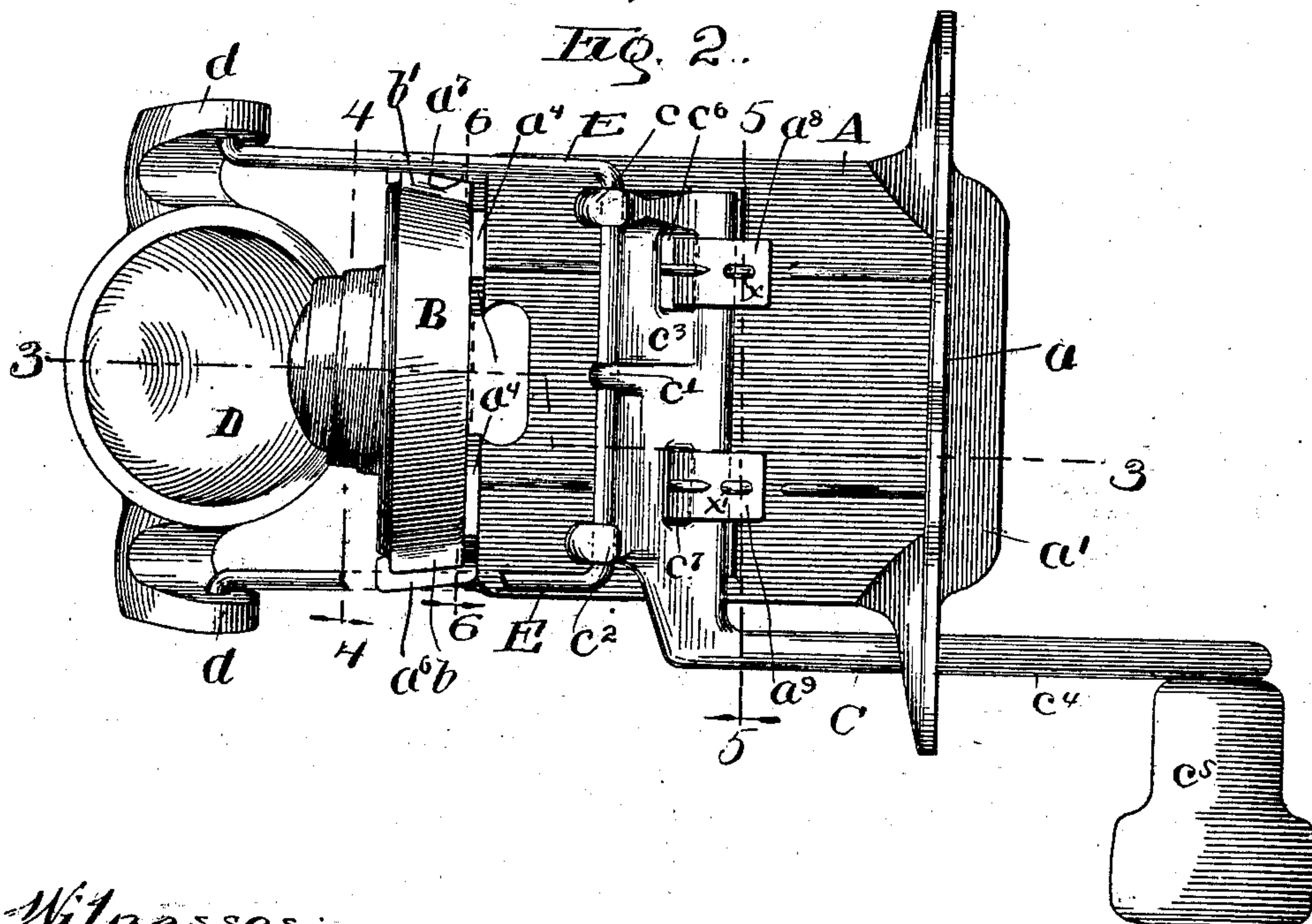
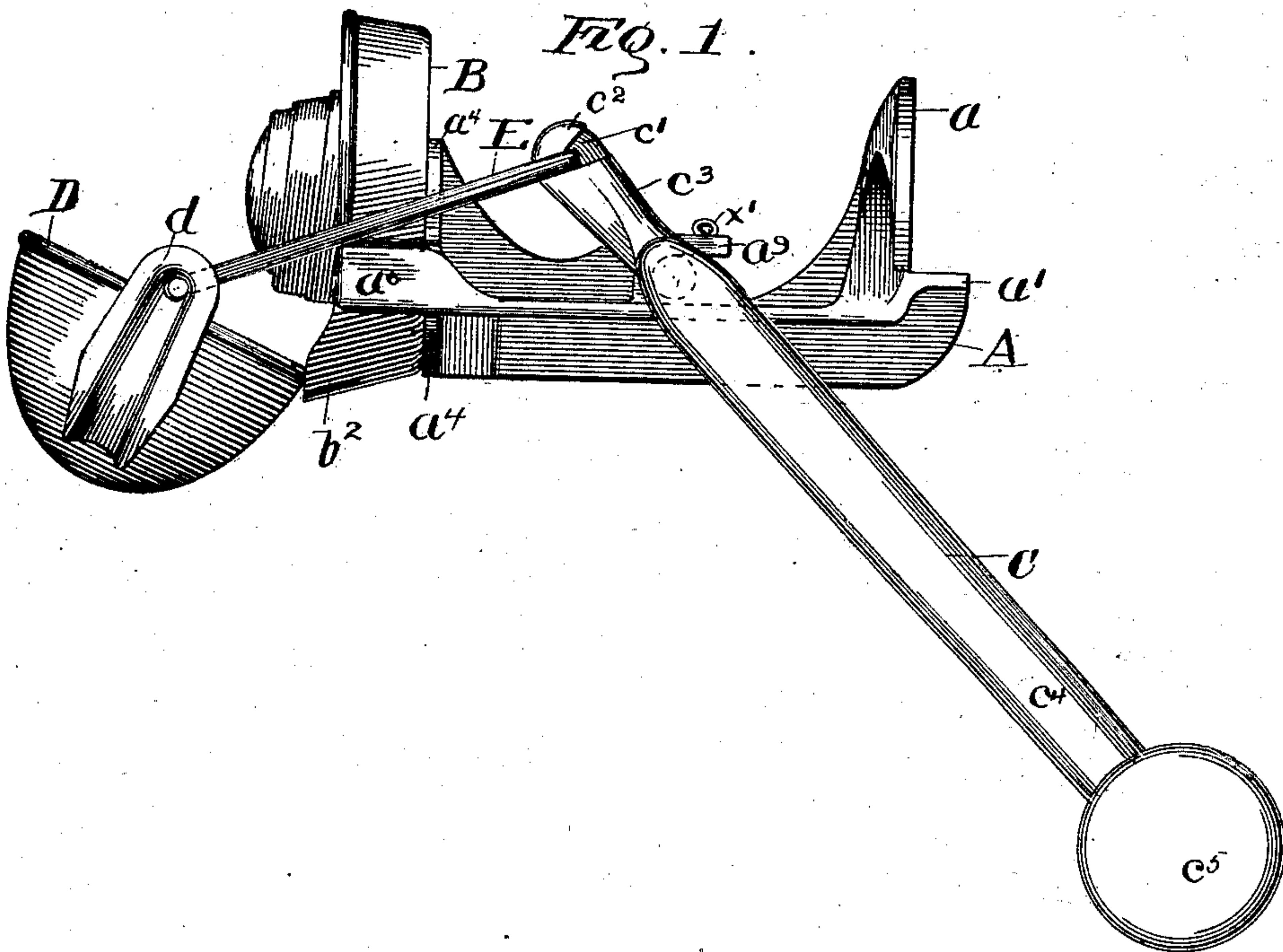
Patented Jan. 15, 1901.

A. BAUMGARTEN.
LEMON SQUEEZER.

(No Model.)

(Application filed Oct. 7, 1898.)

2 Sheets—Sheet 1.



Witnesses:
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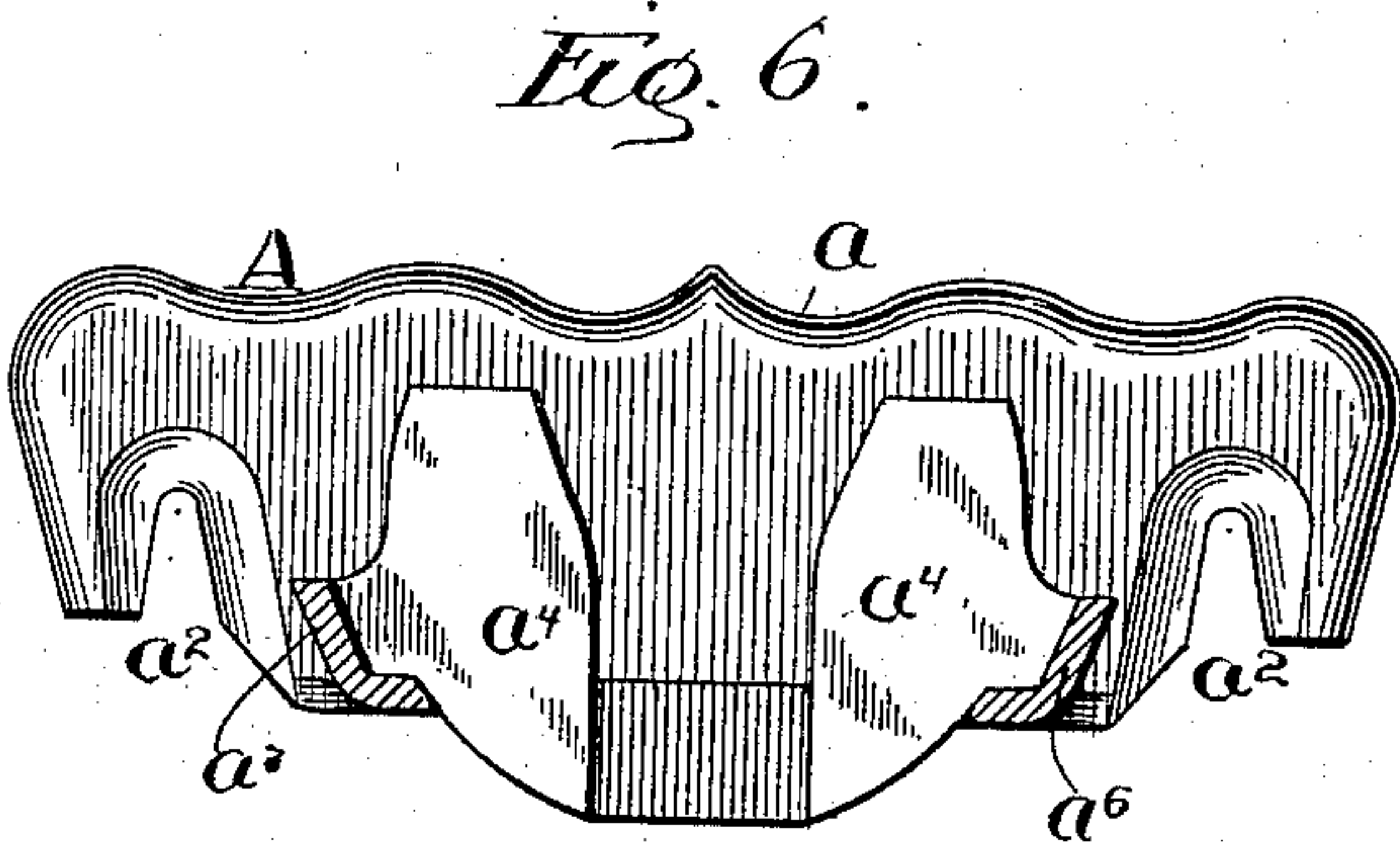
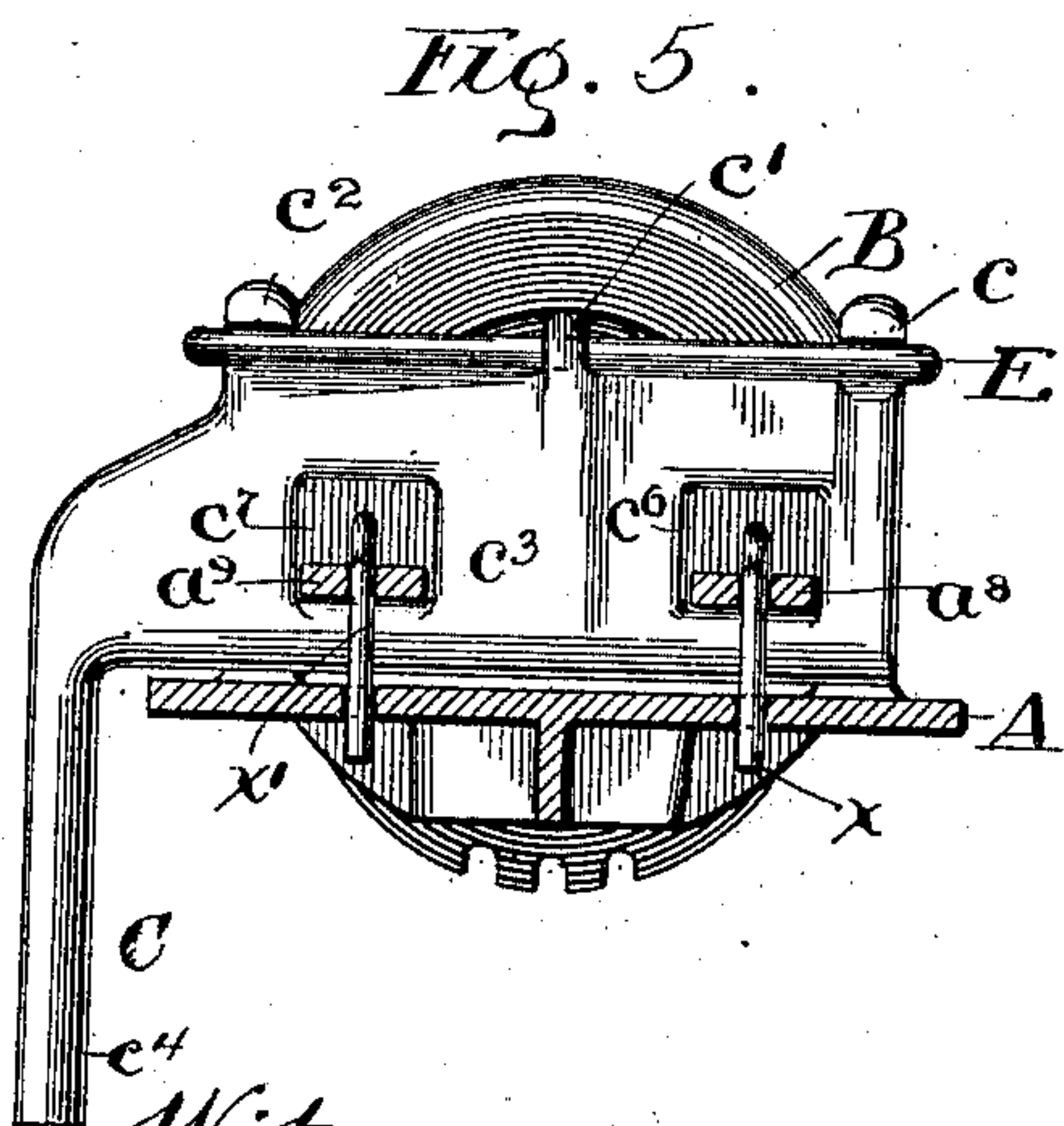
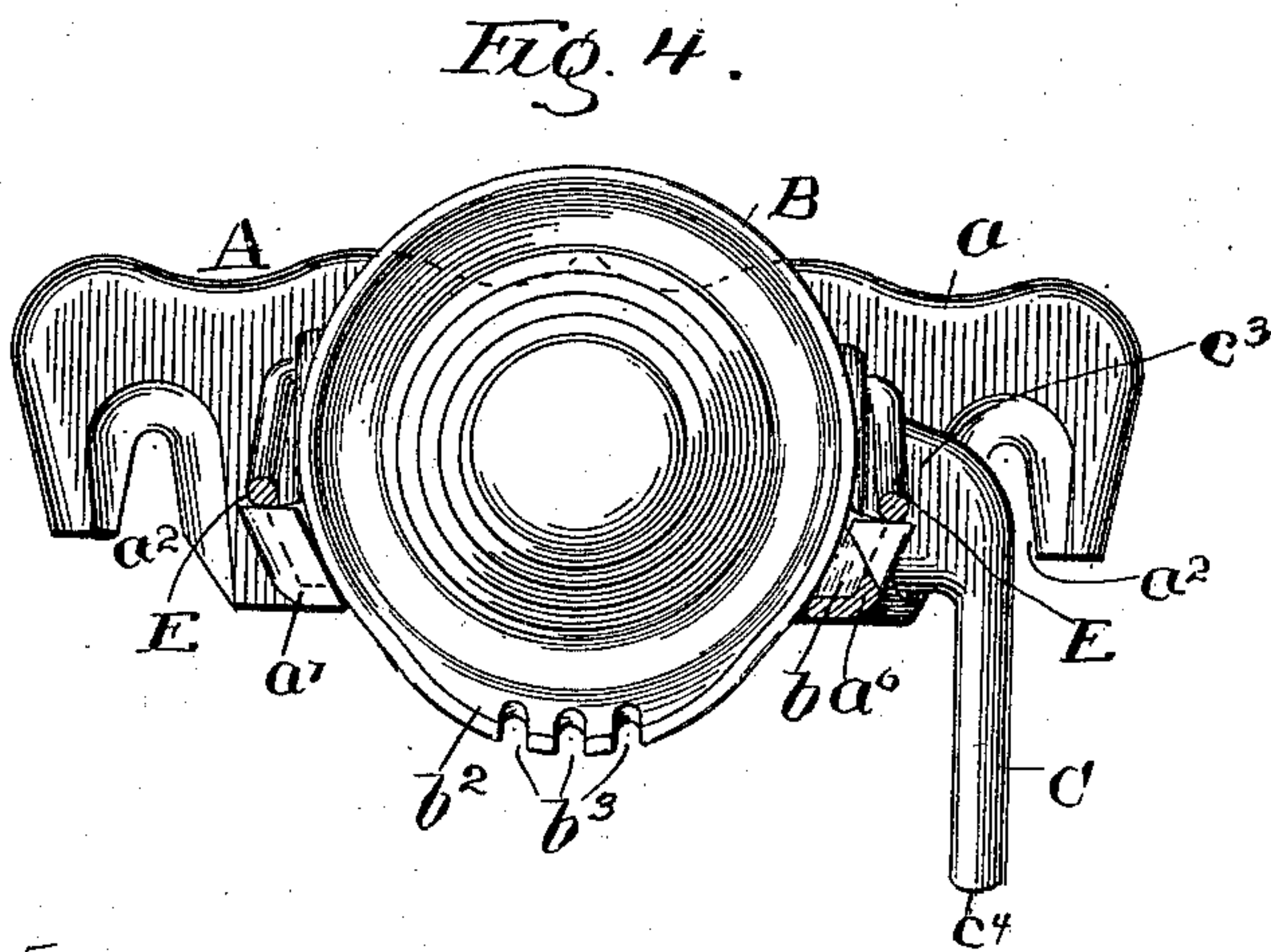
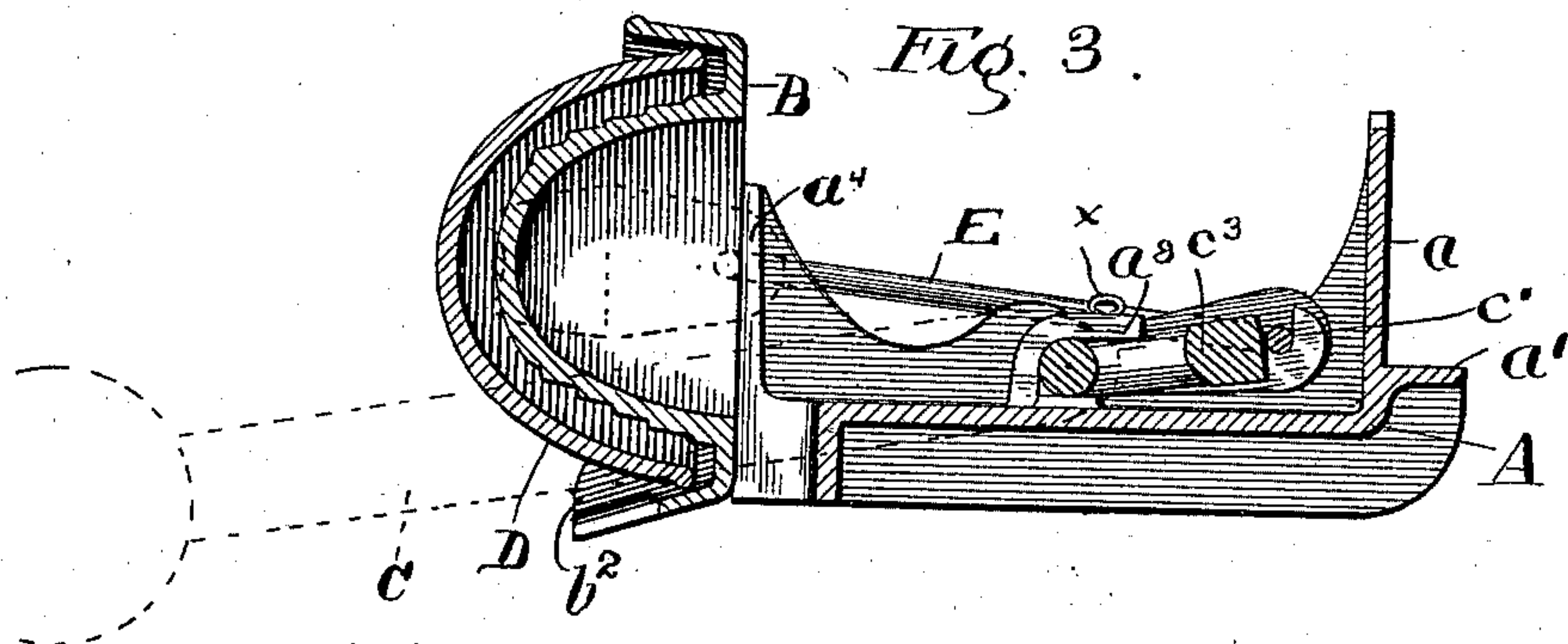
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2 Sheets—Sheet 2.



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UNITED STATES PATENT OFFICE.

ALBERT BAUMGARTEN, OF FREEPORT, ILLINOIS.

LEMON-SQUEEZER.

SPECIFICATION forming part of Letters Patent No. 665,988, dated January 15, 1901.

Application filed October 7, 1899. Serial No. 732,873. (No model.)

To all whom it may concern:

Be it known that I, ALBERT BAUMGARTEN, a citizen of the United States of America, residing at Freeport, in the county of Stephenson, State of Illinois, have invented certain new and useful Improvements in Lemon-Squeezers, of which the following is a specification.

My invention relates to certain improvements in lemon-squeezers designed for the purpose of improving the construction and manner of operation and easy extraction of the juice.

To such end the invention consists in certain novel features, which will be hereinafter described and claimed.

In the drawings, Figure 1 is a side elevation of a complete squeezer. Fig. 2 is a plan; Fig. 3, a longitudinal section in line 3 3 of Fig. 2; Fig. 4, a front elevation of the main portion of the squeezer disclosed by cutting away the parts in front of the section-line 4 4 of Fig. 2. Fig. 5 is a transverse vertical section in line 5 5 of Fig. 2 looking in the direction of the arrow 5, and Fig. 6 is a similar section in line 6 6 of the same figure.

The squeezer here disclosed consists of a frame A, a cup and cone pressing member B, an operating-handle C, a lemon-holding bowl D, and a connecting-link E, pivoted to the bowl and to the operating-handle. The frame has at one end a back plate a , at the bottom of which is a horizontal shoulder a' , the two forming an angle, in which the lower corner of the rear edge of a shelf or counter is to be received. The back plate is notched upwardly from its lower edge at a^2 (see Fig. 4) to accommodate supporting-screws, by means of which the squeezer may be secured to said counter or shelf. From the back plate the frame extends forward horizontally to provide room for the working parts, and upon its forward end bears a plate a^4 , notched centrally, as seen in Fig. 6, to reduce the amount of material required. Two side tongues $a^6 a^7$ extend forward and are inwardly hooked at their ends, and the cup and cone B has side lugs $b b'$ resting in these tongues to support it and prevent its withdrawal except in an upward direction. The lower portion of the cup part of the member B has a projecting lip b^2 , notched at b^3 to allow the juice to run through and at the same time to col-

lect the pulp and seeds. The bowl D corresponds to the cone of the member B and has laterally-projecting ears d , (see Fig. 2,) in which are hooked the ends of the yoke-shaped link E, the middle portion of which is pivoted in three hooks $c c' c^2$ upon the operating-handle C. This handle is composed of a pivoted plate c^3 , the shank c^4 , and a grip c^5 . The plate bears the hooks before referred to, and the middle hook is turned in the opposite direction from the two side hooks, so that the three may form a complete bearing for the middle portion of the yoke. The openings of the side hooks are arranged in the direction opposite to that upon which the strain comes, so that there is no tendency to bend the yoke. The yoke may be removed from the hooks by throwing it completely over one hundred and eighty degrees from the position seen in Fig. 1, after which it may be slipped laterally from one of the side hooks and then readily removed from the other two. The plate is slotted at $c^6 c^7$ to receive tongues $a^8 a^9$, extending upwardly from the frame and then rearwardly, and cotter-pins $x x'$ serve to hold the plate within the tongues. The plate pivots upon the portion beneath the tongues, so as to swing the hooks toward and from the member B. As the handle swings backward the yoke is pushed forward, allowing the bowl D to drop down into the position seen in Fig. 1, in which the lemon is easily inserted. The forward movement of the handle draws the bowl up toward the cone, and the final upward movement presses it tightly against the latter, the pivotal points of the handle and of the yoke being brought into line to increase the effect of the force exerted upon the lemon.

The operation of the squeezer is illustrated by Figs. 1 and 3, the former showing the squeezer in an open position and the latter in the closed or working position. In Fig. 1 the yoke rests upon the tongues $a^6 a^7$ and the edge of the bowl upon the lip b^2 of the cone, tilting the bowl into an upright position to receive the lemon. As the bowl is drawn toward the cone it is raised toward the position seen in Fig. 3 until during the final compression it is drawn directly upon said cone and guided by the latter and by the interposed lemon.

The exact shape or form of certain of the parts herein shown is immaterial and capable of great variation without interfering with the advantages obtained. Therefore I do not limit myself to the specific devices described.

I claim as new and desire to secure by Letters Patent—

1. In a lemon-squeezer, the combination with a suitable frame, of a cone supported transversely upon the same, a handle pivoted between its ends to the frame upon one side of said cone, a yoke pivoted to one end of said handle and extending therefrom, past the cone and a bowl loosely hung upon said yoke upon the opposite side of the cone and tilting from an upright to a transverse position by engagement with the cone as it is drawn toward the latter by the handle; substantially as described.

2. The combination with the yoke, E, of the handle, C, bearing two outside hooks, c , c^2 , open in one direction and the intermediate hook, c' , open in the opposite direction, whereby the yoke may be slipped from the handle when its side arms are brought into the plane of the notches in the outside hooks, but will be securely held in said hooks in all other positions; substantially as described.

3. The combination with the frame, A, of a handle, C, pivoted between its ends to said frame, the cone, B, supported upon the end of said frame, and the link, E, pivoted at one end to the handle, the bowl, D, having the ears, d , pivoted to the link and resting upon the cone so as to be tilted thereby when the handle is operated; substantially as described.

4. The combination of the frame, A, having the back plate, a , the shoulder, a' , the notches, a^2 , and the tongues, a^6 , a^7 , the handle, C, having the pivoted plate, c^3 , the cone member, B, supported in said tongues transversely to the frame, the bowl, D, having the laterally-projecting ears, d , and the yoke, E, pivoted to said plate, c^3 , at its middle portion, hooked into the ears, d , at its ends and adapted to rest upon the tongues, a^6 , a^7 , at its intermediate portion; substantially as described.

In witness whereof I have hereunto set my hand, at Freeport, in the county of Stephenson and State of Illinois, this 2d day of October, A. D. 1899.

ALBERT BAUMGARTEN.

Witnesses:

CHAS. O. SHERVEY,
S. BLISS.