

H. COHEN.  
TIRE TRUNK.

APPLICATION FILED OCT. 12, 1909.

953,735.

Patented Apr. 5, 1910.

2 SHEETS—SHEET 1.

FIG. 1.

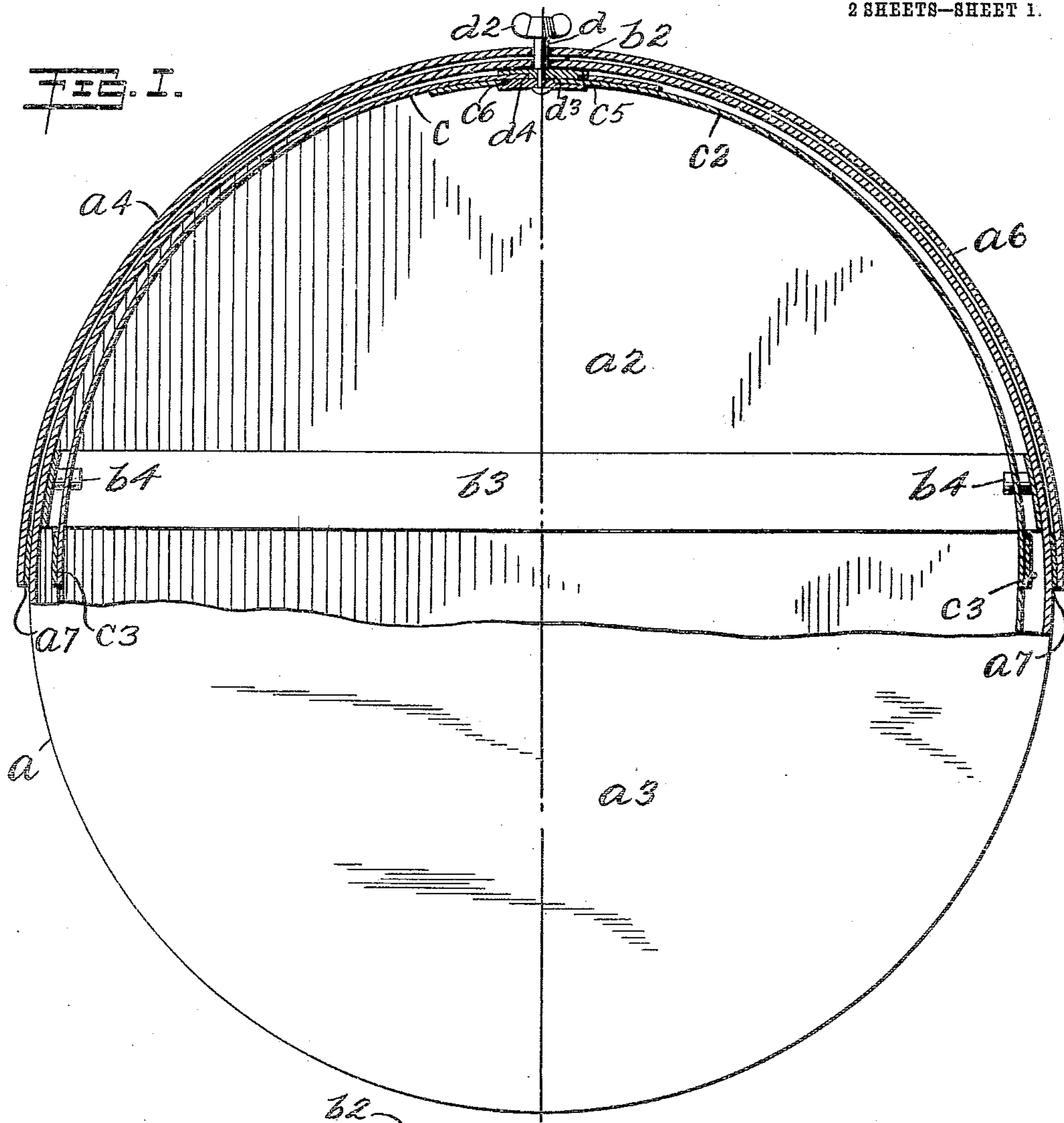
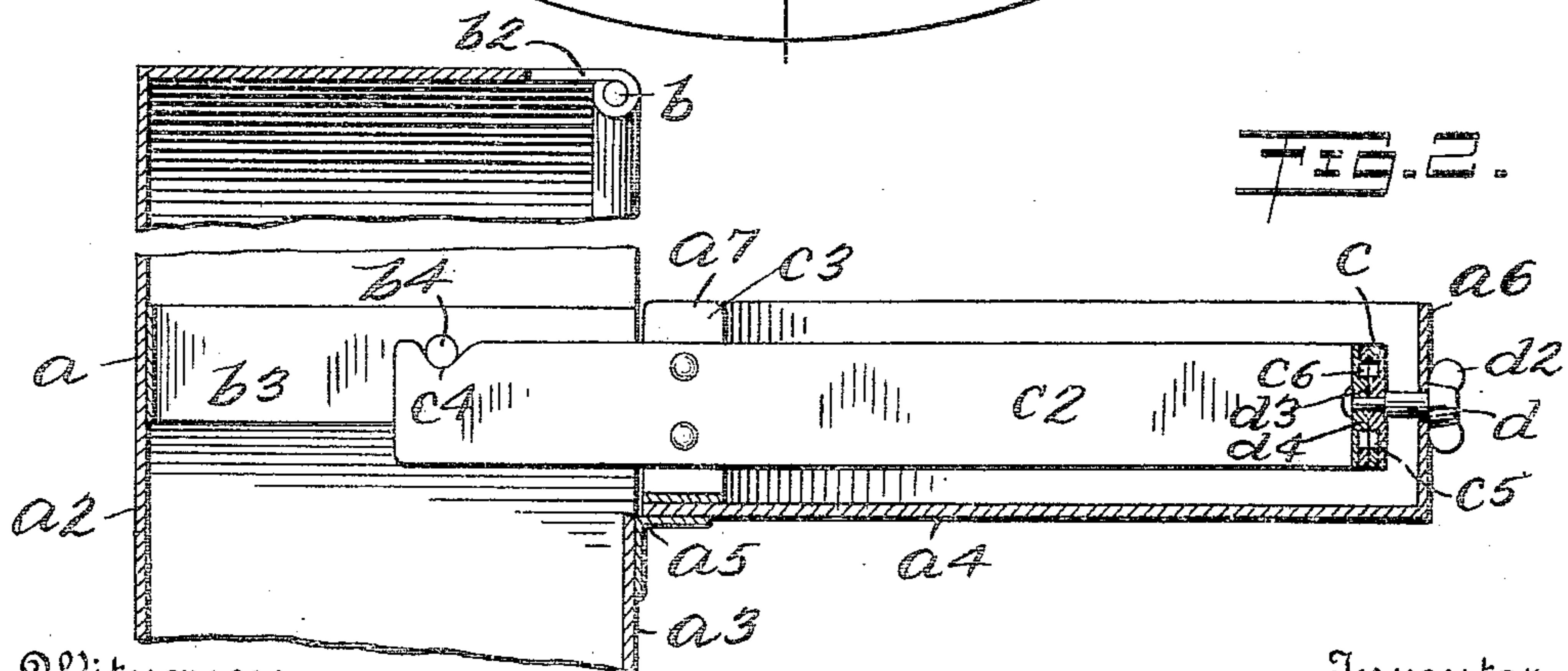


FIG. 2.



Witnesses:  
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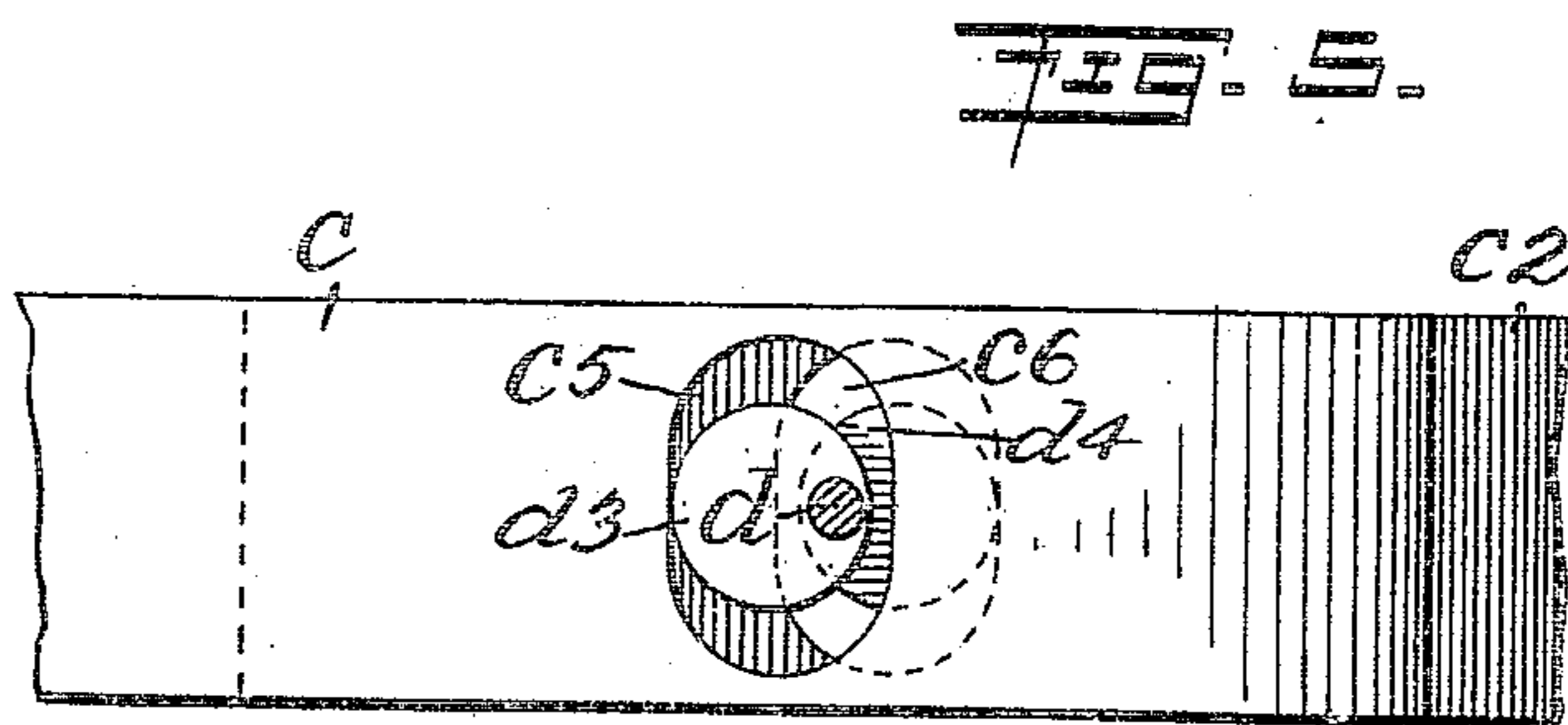
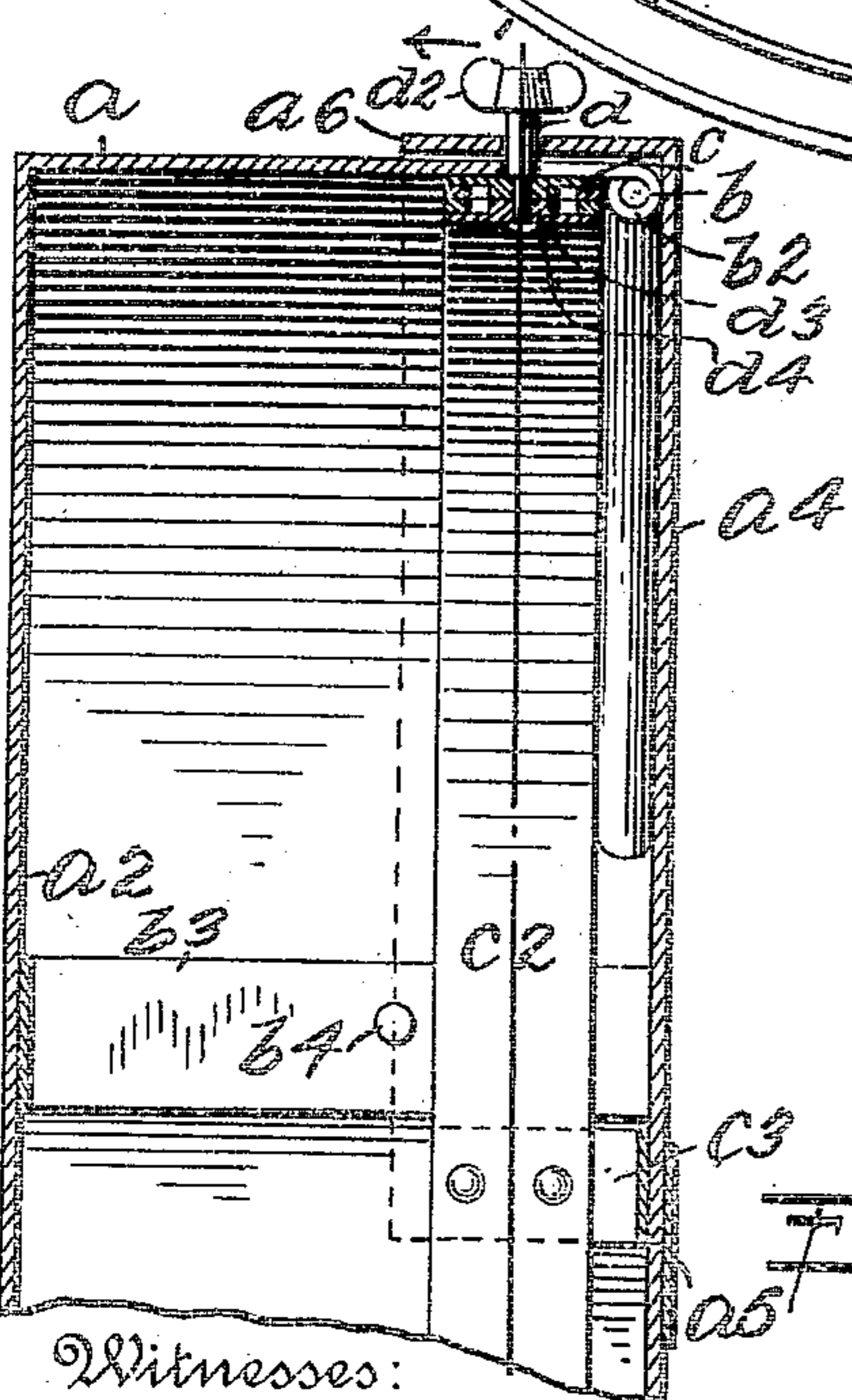
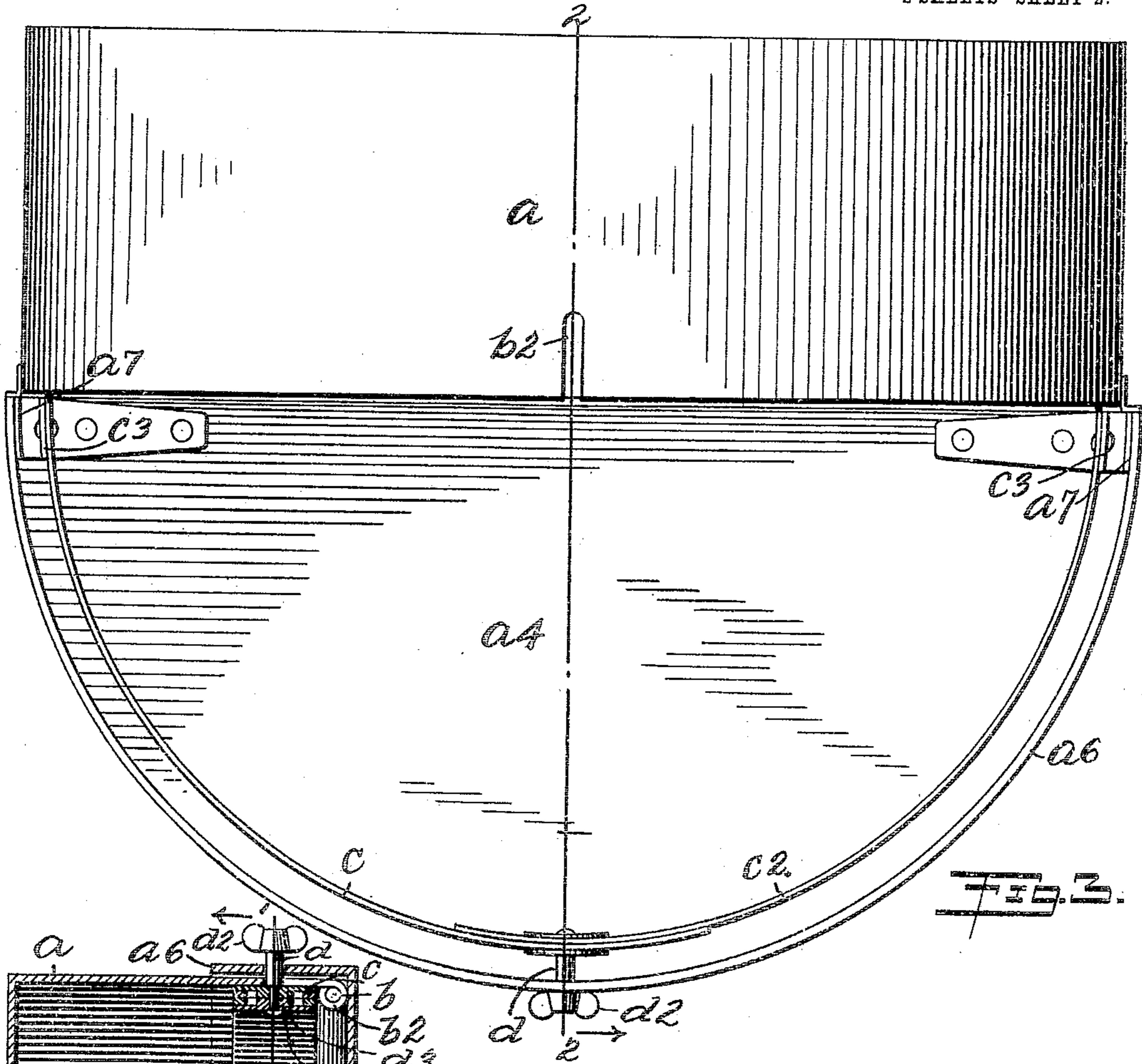
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2 SHEETS—SHEET 2.



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# UNITED STATES PATENT OFFICE.

HYMAN COHEN, OF NEW YORK, N. Y.

## TIRE-TRUNK.

953,735.

Specification of Letters Patent.

Patented Apr. 5, 1910.

Application filed October 12, 1909. Serial No. 522,257.

To all whom it may concern:

Be it known that I, HYMAN COHEN, a subject of the Emperor of Russia, and residing at New York, in the county of Kings and State of New York, have invented certain new and useful Improvements in Tire-Trunks, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to receptacles, particularly to tire trunks used upon automobiles and the like, and the object thereof is to provide such a trunk which is adapted to be contained within a tire carried by an automobile in a vertical position, usually.

A further object is to provide such a trunk which is adapted to be opened for but a portion of its surface, whereby articles contained therein will not fall therefrom when the trunk is open.

A further object is to provide positive locking means for the cover of said trunk which render the trunk substantially water and dust proof; a further object being to provide such locking means which are operable by means of a key arranged at a certain point; and a further object being to provide such a trunk which is simple in construction and use, which is well adapted for the purpose for which is it intended, and which is comparatively inexpensive.

My invention is fully described in the following specification, of which the accompanying drawings form a part, in which the separate parts are designated by the same reference characters in each of the views, and in which:—

Figure 1 is a front elevation of a trunk constructed according to my invention, partially broken away on the line 1—1 of Fig. 4; Fig. 2 is a sectional view thereof, on the line 2—2 of Fig. 3, in an open position; Fig. 3 is a top plan view of my trunk open; Fig. 4 is a central section of Fig. 1; and Fig. 5 is a fragmentary view of a detail of the construction.

In the drawings forming a part of this application I have shown a trunk comprising a substantially circular casing  $a$  having a solid back  $a^2$  and front consisting of a fixed segmental member  $a^3$  having a cover  $a^4$  hinged thereto at  $a^5$ , said cover being provided with a flange  $a^6$  held by means of metal angles  $a^7$  or in any other desired manner.

The casing  $a$  is provided with a bead formed over a wire stiffener  $b$ , inwardly directed, in the position of the opening in the trunk, and at a predetermined point the casing is cut away to form a recess  $b^2$  and, adjacent the middle of the trunk, I secure a stiffener band  $b^3$  having a stop  $b^4$  thereon, at each side of the trunk.

Arranged within the flange  $a^6$  are two spring plates  $c$  and  $c^2$  secured to the cover by means of angles  $c^3$  and overlapping each other at the top of the trunk, the opposite ends extending into the casing and being provided with recesses  $c^4$  in the position of the stops  $b^4$ , and each of the plates  $c$  and  $c^2$  have an opening therein where they overlap, as shown at  $c^5$  and  $c^6$ , said openings, however, not being in register with each other.

Above the openings  $c^5$  and  $c^6$  and secured in the flange  $a^6$  is a post  $d$  having an operating key  $d^2$  thereon and carrying, also, two reversely arranged, eccentric, disks,  $d^3$  and  $d^4$  in the openings  $c^5$  and  $c^6$ , respectively, whereby, when the key is operated to rotate the post  $d$ , the disks  $d^3$  and  $d^4$  act against the sides of the openings  $c^5$  and  $c^6$  and the plates  $c$  and  $c^2$  are moved correspondingly.

Normally, the spring plates  $c$  and  $c^2$  are in the positions shown in Fig. 3, or relaxed, whereby a substantial space exists between the same and the flange  $a^6$  sufficient to admit the bead  $b$  when the cover is being closed but, when said cover is closed and the key  $d^2$  is operated, the spring plates  $c$  and  $c^2$  are forced outwardly into the positions shown in Figs. 1 and 4, whereby they pass back of the bead  $b$  and against the casing  $a$ , thus preventing the cover from opening or, in other words, locking the same, the plates  $c$  and  $c^2$  being removed sufficiently from the face of the cover to permit the bead  $b$  to pass therebetween, and in this way a substantially water and dust proof closure is produced, and a reversal of the key operation opens the trunk as will be seen.

It will thus be seen that I provide a positive lock for the trunk operable by means of a key in a fixed position and, if desired, I may make the key removable and employ a system of tumblers in connection with the eccentric disks whereby the trunk cannot be opened by a key other than the proper one, and various other changes in and modifications of the form of construction shown and described may be made within the scope of

the following claims, within the spirit of my invention and without sacrificing the advantages thereof.

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

10 1. A trunk, comprising a casing, a cover therefor, two oppositely directed spring plates secured to said cover and overlapping each other, and means for operating said plates to engage said casing to lock said cover thereto.

15 2. A trunk, comprising a casing, a cover hinged thereto, two spring plates secured to said cover adjacent the hinge thereof, and the ends of which overlap centrally of said cover, and a key for operating said plates at their overlapping ends to force the same into engagement with said casing to lock the cover thereto.

20 3. A trunk, comprising a casing, a cover hinged thereto, two spring plates secured to

said cover adjacent the hinge thereof and the ends of which overlap centrally of said cover, a key, and an eccentric disk for each 25 of said plates secured to said key for operating said plates to lock said cover.

4. A trunk, comprising a casing, a cover therefor, two oppositely directed spring plates secured to said cover and overlapping 30 each other, the outer ends being extended into said casing, means for limiting the movement of said outer ends and thereby of said cover, and means for operating said plates to engage said casing to lock the cover 35 thereto.

In testimony that I claim the foregoing as my invention I have signed my name in presence of the subscribing witnesses this 8th day of October 1909.

HYMAN COHEN.

Witnesses:

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J. C. LARSEN.