

No. 843,293.

PATENTED FEB. 5, 1907.

A. A. NEWMAN.
BOX FOR PATROL STATIONS.
APPLICATION FILED SEPT. 19, 1906.

Fig. 1.

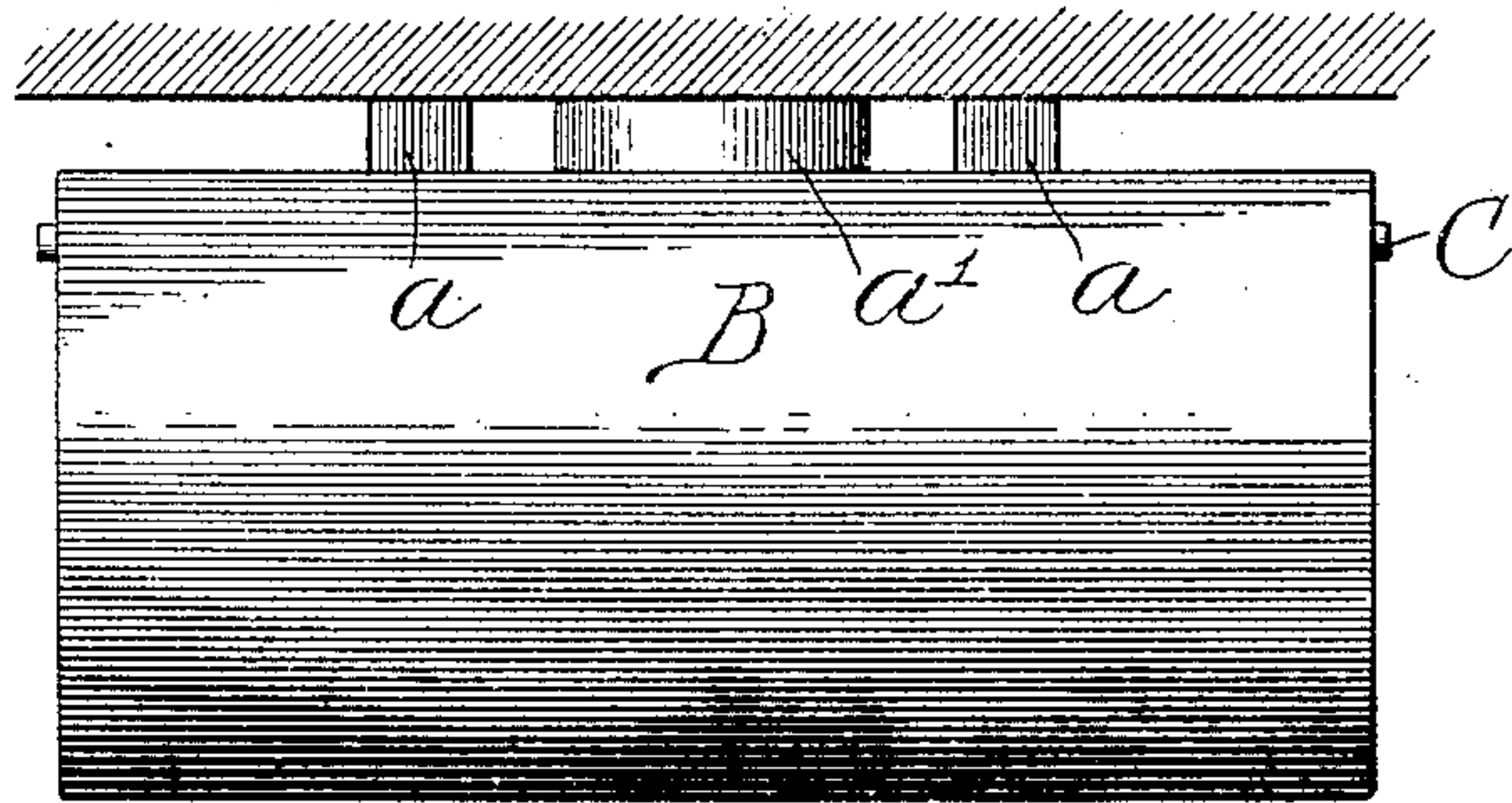


Fig. 2.

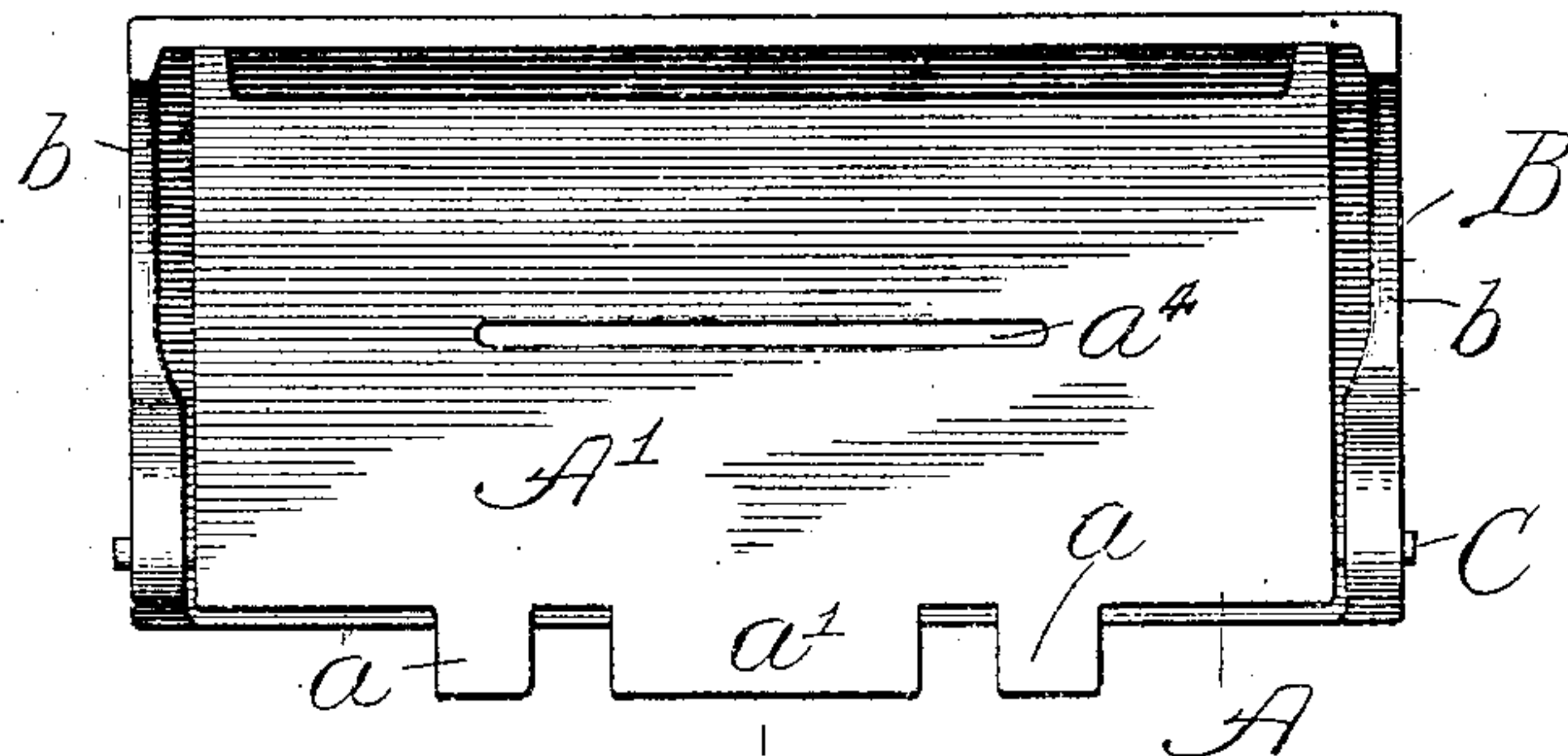


Fig. 3.

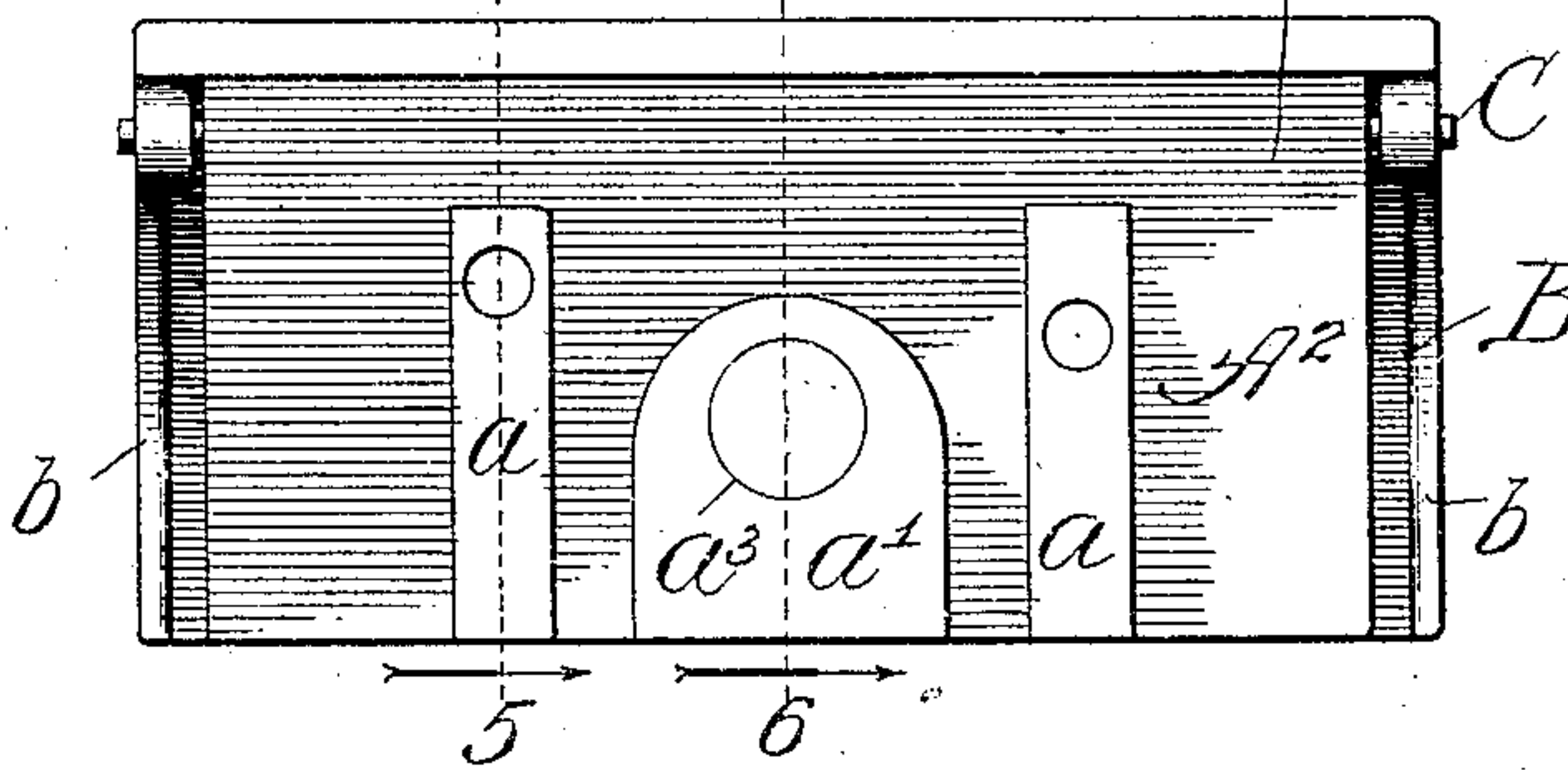


Fig. 4.

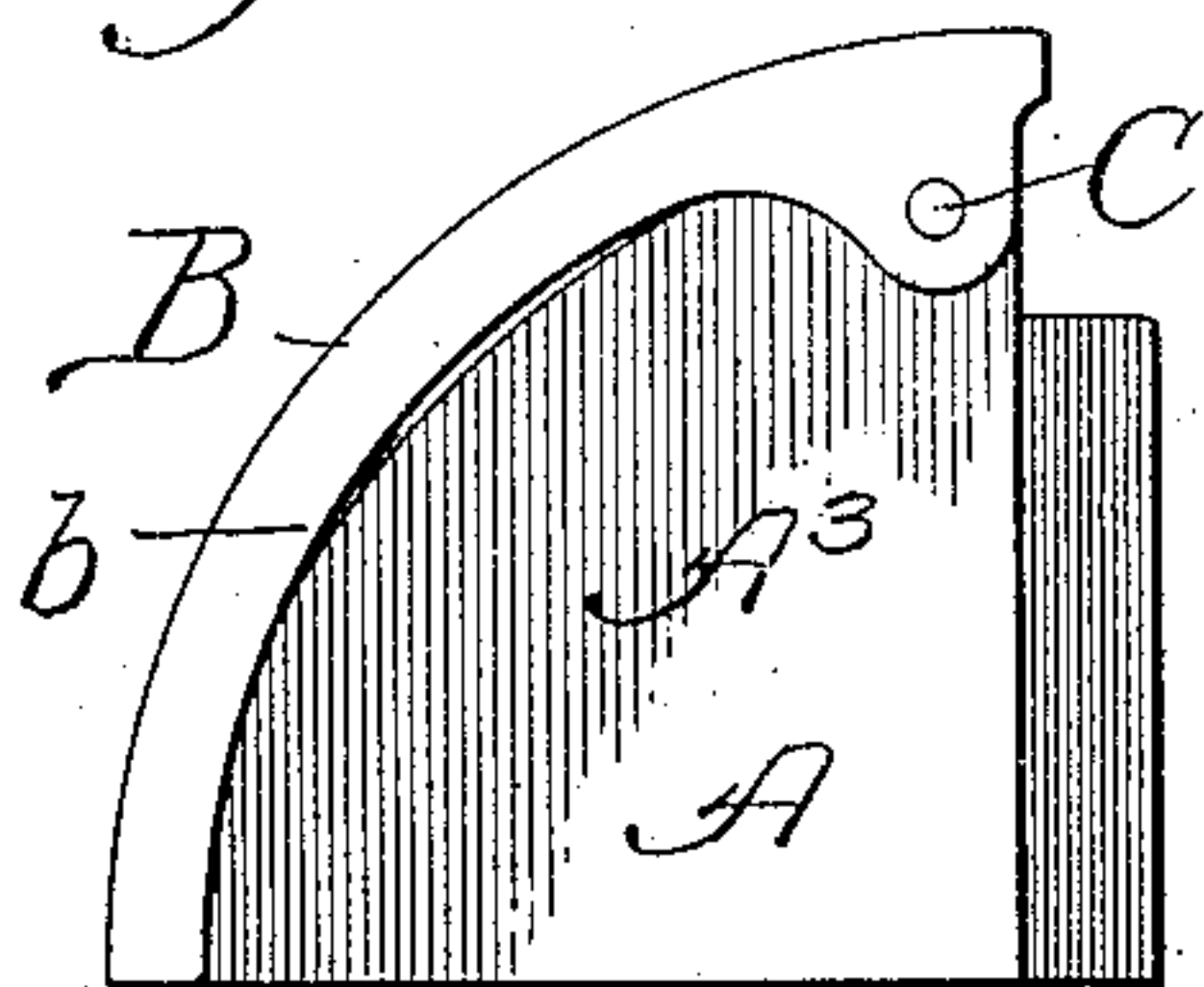


Fig. 5.

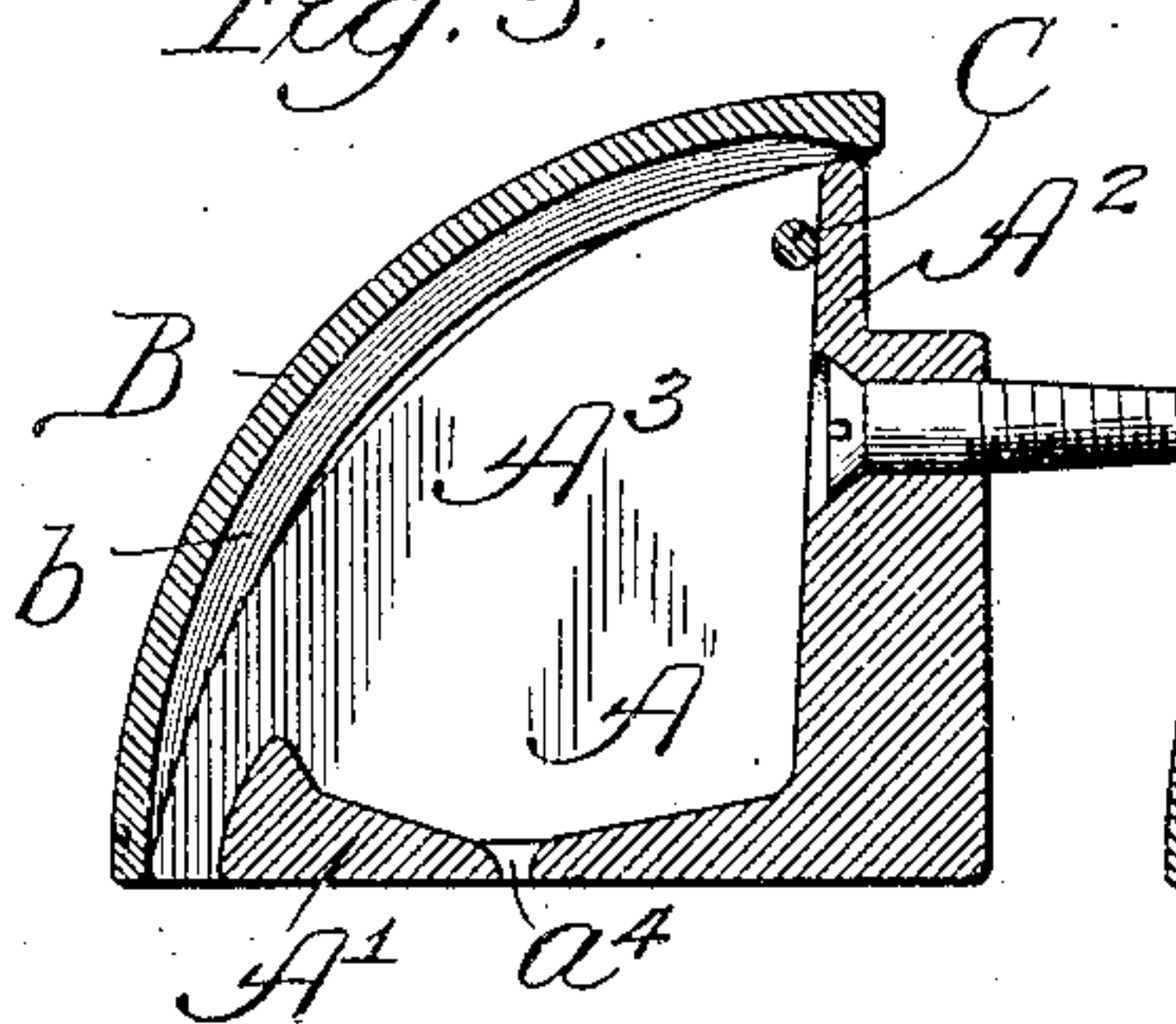
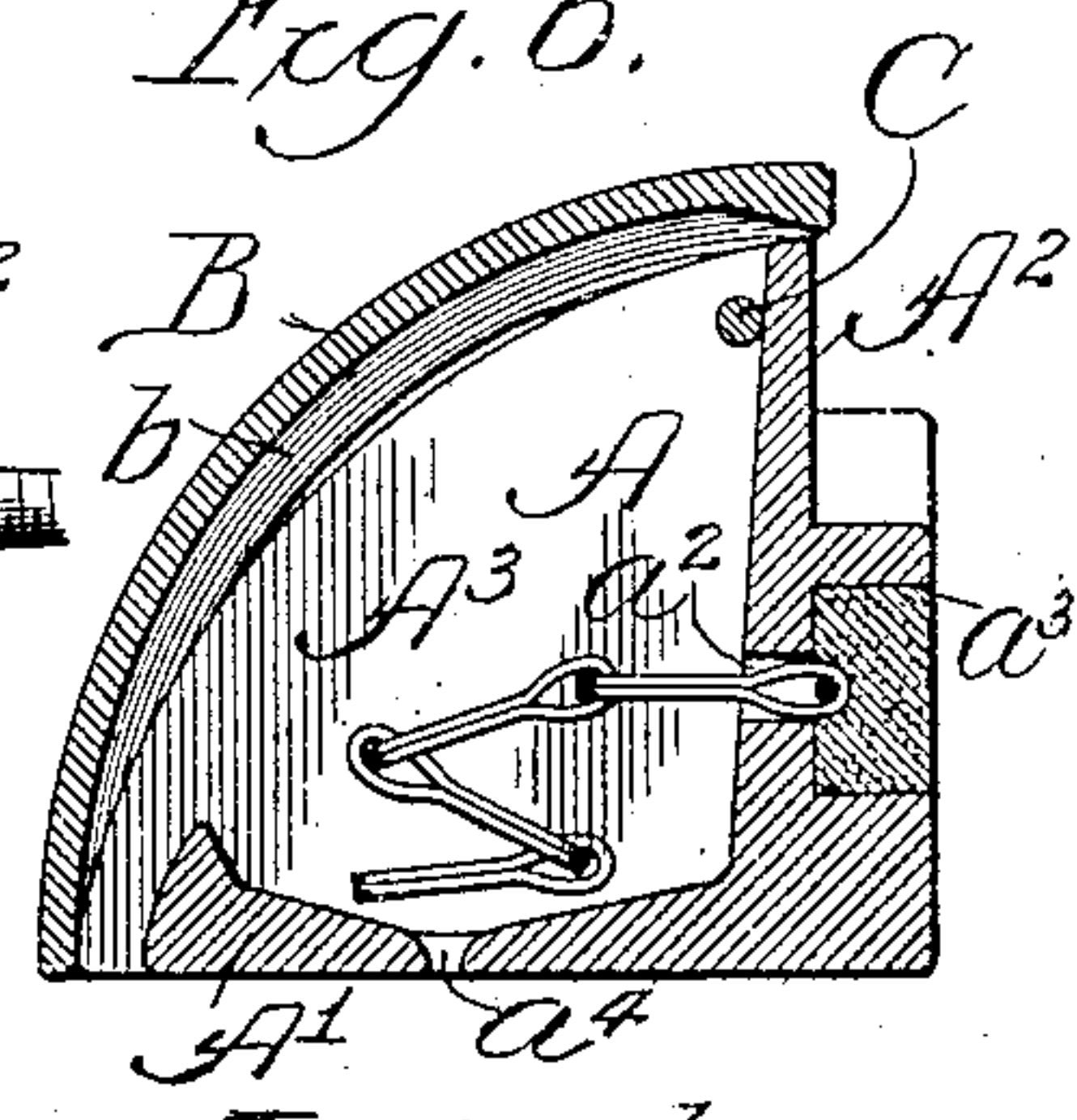


Fig. 6.



Witnesses:
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UNITED STATES PATENT OFFICE.

ABRAHAM A. NEWMAN, OF CHICAGO, ILLINOIS.

BOX FOR PATROL-STATIONS.

No. 843,293.

Specification of Letters Patent.

Patented Feb. 5, 1907.

Application filed September 19, 1906. Serial No. 335,249.

To all whom it may concern:

Be it known that I, ABRAHAM A. NEWMAN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Boxes for Patrol-Stations, of which the following is a specification.

My invention relates to certain new and useful improvements in boxes for patrol-stations, and is fully described and set forth in the annexed specification and shown in the accompanying drawings, in which—

Figure 1 is a top plan of my improved box. Fig. 2 is a bottom plan of the same. Fig. 3 is a rear elevation. Fig. 4 is an end elevation. Fig. 5 is a section in the line 5 5 of Fig. 3 looking in the direction of the arrow, and Fig. 6 is a section in the line 6 6 of Fig. 3 looking in the direction of the arrow.

Referring to the drawings, it will be seen that my improved device consists of two portions, a box portion A and a cover B, the cover being pivotally secured to the upper rear corner of the box portion by means of a pintle C. The box portion A is made in the form roughly approximating a quadrant of a cylinder and is provided with a base A', a back A², and quadrant-shaped end plates A³, all of said parts being preferably made in a single casting. The back of the box is provided with two longitudinally-projecting ribs a, perforated to receive screws by which the box is secured to a wall or other support. It is also provided with a projecting boss a', having a central perforation a², Fig. 6, extending entirely through the back wall of the box and a much larger chamber a³ at the back. In the use of patrol-stations it has heretofore been customary to pass a suitable wire loop or the like through the back of the box and to seal the rear of this loop to prevent the chain, with the key attached thereto, from being bodily removed from the box. It has, however, been possible to reach and break the seals, and to prevent this I provide my improved patrol-box with this boss a', the chamber a³ of which receives the seal, so that when the box is secured to the wall the seal is entirely inaccessible from above or below.

It will be seen that the bottom A' of the box portion terminates at its forward end behind the front corners of the end plates A³. The cover B overhangs the end plates, and its downward movement is limited by engage-

ment therewith, so that when the cover is closed there is a considerable space between its lower or forward edge and the forward edge of the bottom of the box portion. When, as occasionally happens, a watchman fails to replace a key in the patrol-box, but leaves it hanging on the chain, the fall of the cover will not mutilate the chain, as has often happened in the use of other boxes where a tight fit between the bottom and the cover of the box is secured. To secure the same results upon the sides of the box, I form the cover with a considerably greater curvature than the curves of the upward and forward edges of the end plates of the box portion, so that a considerable space exists between the major portion of these end plates and the box-cover; and I also make the cover of greater length than the box, so that the end flanges b, which are provided at the end of the cover, will not strike and mutilate the chain. I also provide the bottom of the box portion with a longitudinally-extending slot a⁴, which permits all dirt and moisture to pass out.

By the various features set forth I secure a box which protects the key perfectly from moisture and the effects of the weather and at the same time possesses the advantages above outlined, which make it superior to the boxes which have heretofore accomplished the same general purpose.

I realize that considerable variation is possible in the details of this construction without departing from the spirit of my invention. Therefore I do not limit myself to the specific form herein shown and described.

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

1. The combination with a box adapted to be attached to a wall, of a boss projecting rearwardly therefrom and adapted to receive a seal, the rear wall of the box being perforated within the hollow of said boss.

2. A patrol-box having on its rear face rearwardly-projecting ribs and a boss of substantially the thickness of said ribs, the rear wall of the box being perforated in line with the boss.

3. The combination with a box portion of a cover portion pivotally secured thereto, and means for preventing the complete closure of the cover whereby a space is provided in which a key-attaching device may lie without injury from said cover.

4. The combination with a box portion having a bottom and end plates extending forwardly beyond the bottom, of a cover adapted to inclose the box and lying, when engaged by the end portions, in advance of the edge of the bottom portion whereby a space is provided in which a key-attaching device may lie without injury.

5. The combination with a box having a bottom portion and end portions in the form of quadrants which extend beyond said bottom, of a cover pivotally secured to the box portion and adapted to swing down and be engaged by said end portions whereby a space is provided between the cover and the forward edge of the bottom.

6. The combination with a box portion having a bottom and end plates in the form of quadrants, of a cover overlying the end plates and having a greater curvature than the curvature of the edges of said plates.

7. The combination with a box portion having a bottom and end plates in the form of quadrants, of a cover adapted to overlie

said end plates and having a greater curvature than the edges thereof and being of greater length than the distance between said end plates, said cover being provided with flanges which lie well outside the end plates to provide a passage around the same.

8. The combination with a box having a rear plate, a bottom plate, and two quadrant-shaped end plates which extend beyond the forward edge of the bottom, of a cover having a greater curvature than the curves of the edges of the end plates and overlying the same, said cover being of greater length than the box and being provided with inwardly-extending flanges which lie well outside the edges of the end plates.

In witness whereof I have signed the above application for Letters Patent, at Chicago, in the county of Cook and State of Illinois, this 17th day of September, A. D. 1906.

ABRAHAM A. NEWMAN.

Witnesses:

L. HEISLAR,
J. H. LANDER.