

No. 637,882.

Patented Nov. 28, 1899.

J. C. MEADER.
ADJUSTABLE CUSPIDOR.

(Application filed Apr. 10, 1899.)

(No Model.)

2 Sheets—Sheet 1.

Fig. 1

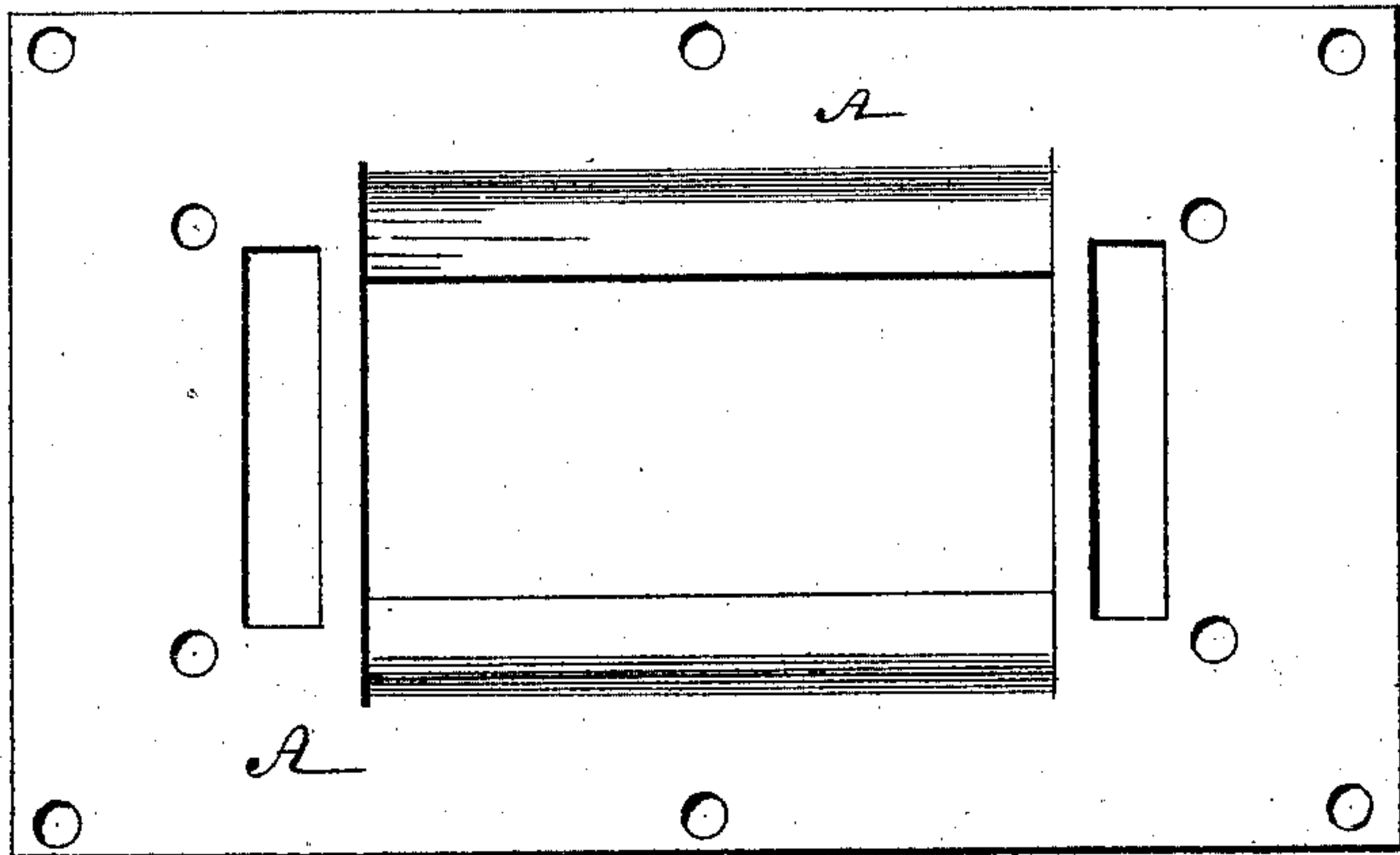


Fig. 2

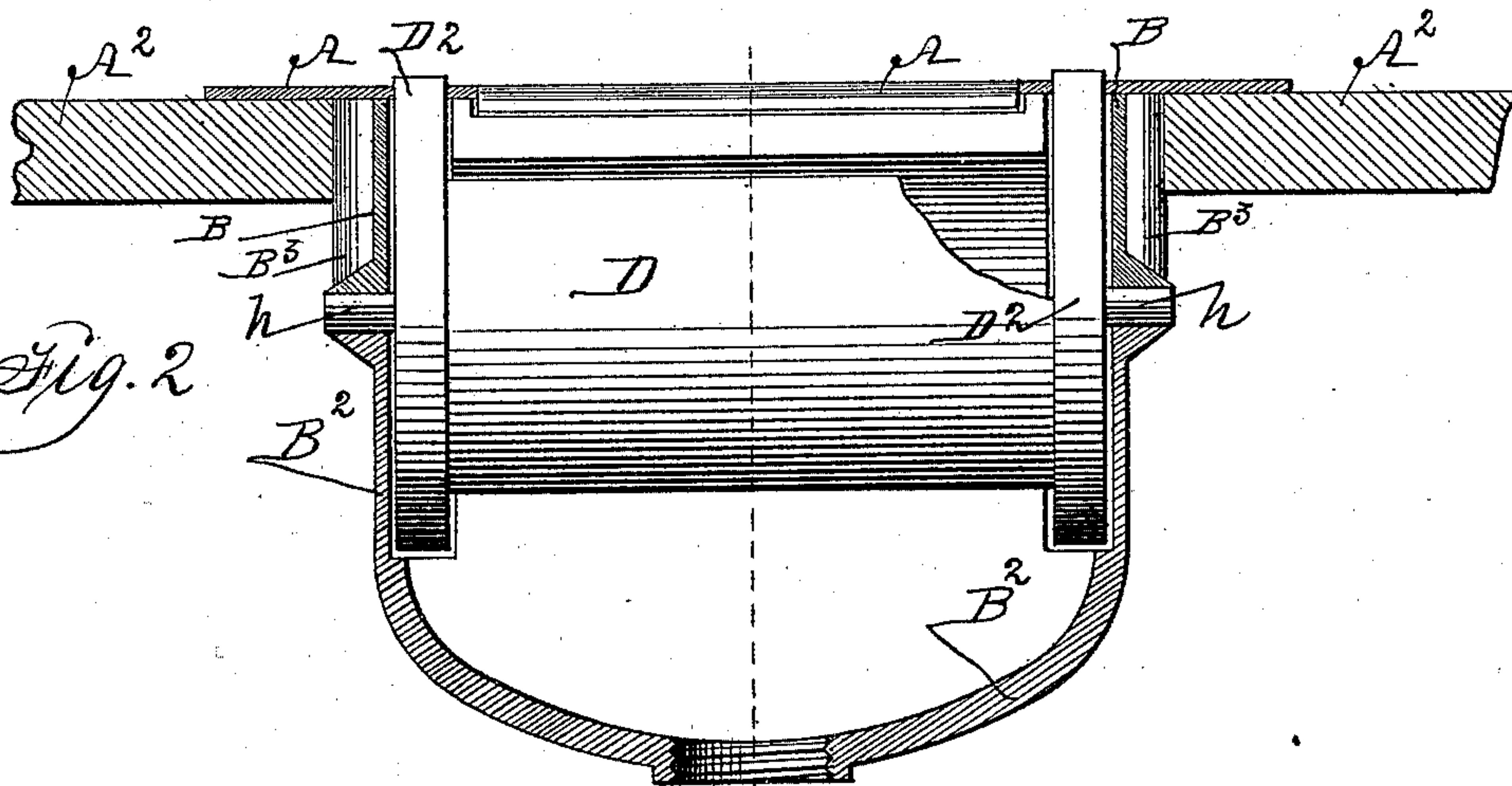
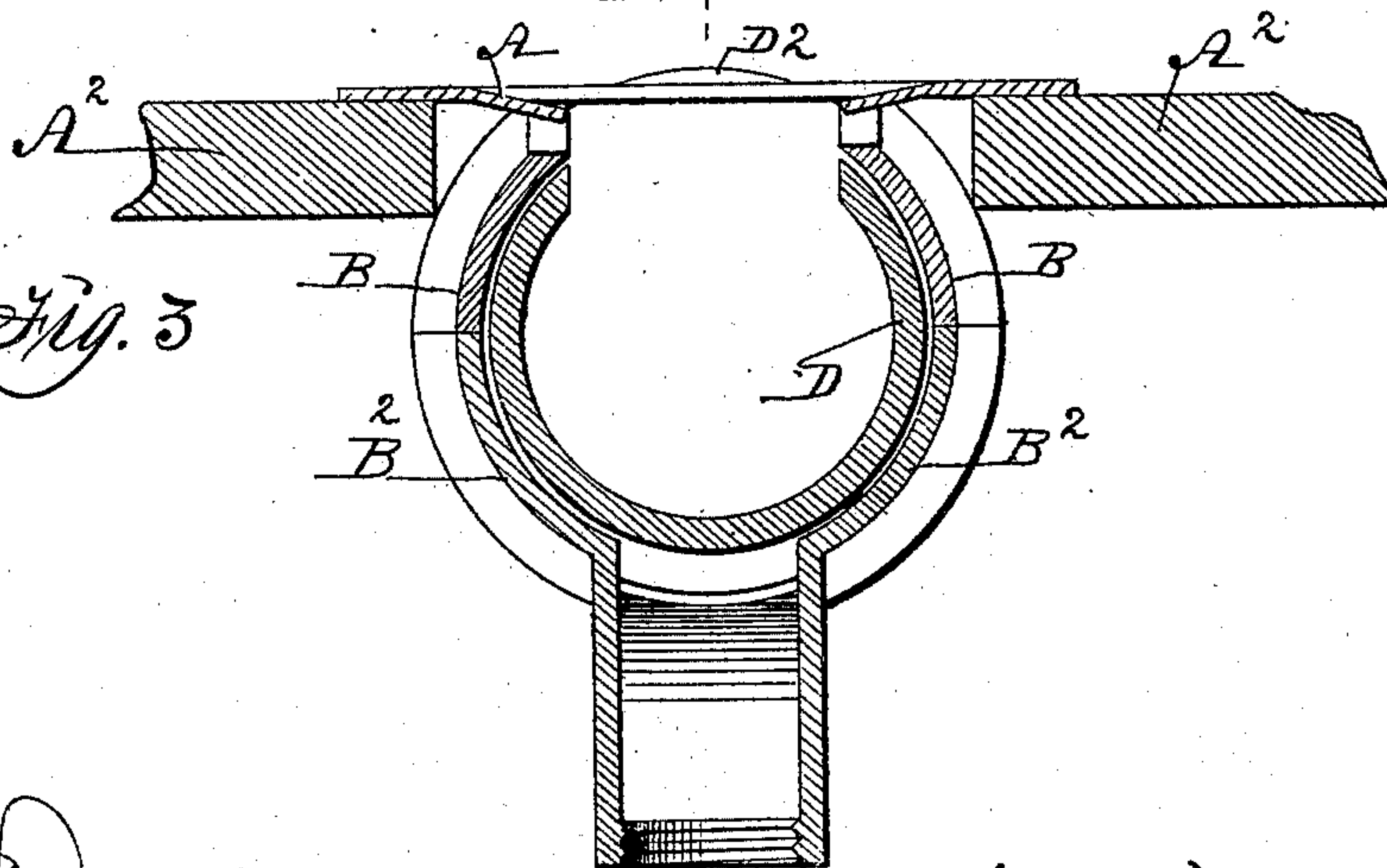


Fig. 3



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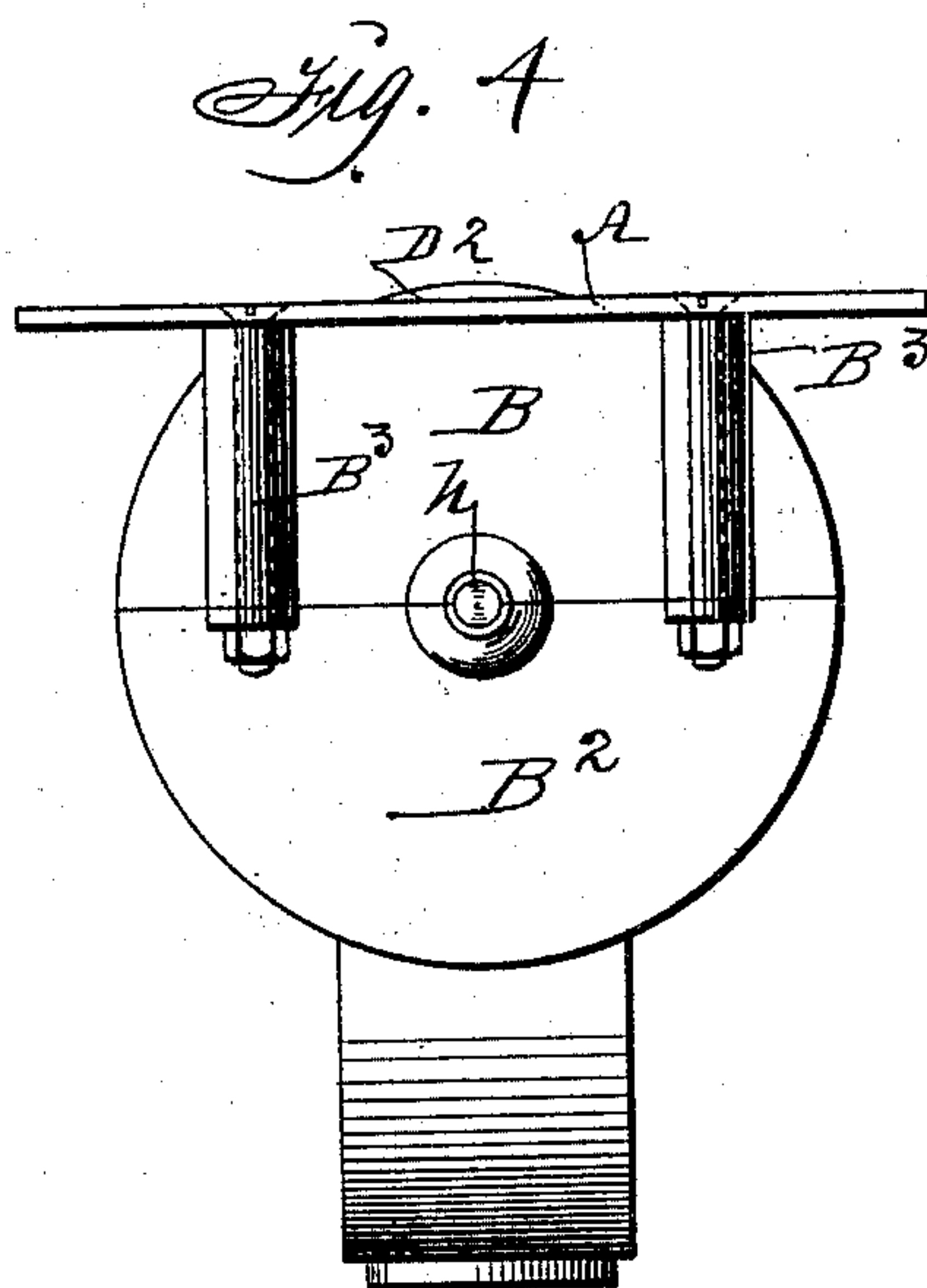
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2 Sheets—Sheet 2.



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UNITED STATES PATENT OFFICE.

JAMES C. MEADER, OF COLFAX, IOWA.

ADJUSTABLE CUSPIDOR.

SPECIFICATION forming part of Letters Patent No. 637,882, dated November 28, 1899.

Application filed April 10, 1899. Serial No. 712,426. (No model.)

To all whom it may concern:

Be it known that I, JAMES C. MEADER, a citizen of the United States of America, residing at Colfax, in the county of Jasper and State of Iowa, have invented a new and useful Adjustable Cuspidor, of which the following is a specification.

My object is to provide a cuspidor specially adapted to be fixed to the floor of a railway-car to prevent the annoyances incident to persons spitting on the floor and fouling the cars with tobacco and other offensive matter.

My invention consists in the cuspidor constructed and adapted to be advantageously applied as hereinafter set forth, pointed out in my claims, and illustrated in the accompanying drawings, in which—

Figure 1 is a top view of the cover adapted to be fixed on top of a car-floor. Fig. 2 shows the cylindrical vessel journaled to a case fixed to a car-floor and under the cover fixed on top of the floor as required for practical use. Fig. 3 is a transverse sectional view on a central line of Fig. 2 looking toward one of the ends of the cylindrical vessel. Fig. 4 is an end view of the case, showing how the two parts thereof and a plate fitted over the top are jointly connected by means of screw-bolts and nuts on the lower ends of the bolts.

The letter A designates a flat metal plate adapted to be fixed on top of a car-floor A² or a portable box adapted for suspending and inclosing the rotatable vessel. It may vary in size and shape and has a central opening designed to coincide with a corresponding opening in a floor or other support under which the vessel is to be suspended. The plate also has openings at its ends for purposes hereinafter stated.

B represents the open-topped portion of a metal case adapted to be jointly fixed to the under side of a car-floor, as shown in Figs. 2 and 3, and as required to support the rotatable vessel immediately under the central opening of the fixed plate or cover A, fixed on top of the floor. The contracted lower end of the lower part B² of the case is open for the discharge of matter that may be emptied from the rotatable vessel. The upper part B has integral enlargements B³ at its ends that extend vertically and have longitudinal bores that coincide with perforated ears at the top

of lower part B² and perforations in the plate A, that coincide with the bores in the enlargement B³, through which bolts are passed for fixing the parts B, B², and A jointly to the floor A² by means of bolts and nuts on the bottom ends of the bolts, but hid from view by the journals and journal-bearings. (Shown in Fig. 2.)

D is an elongated cylindrical vessel that has journals *h* at its ends that rest in coinciding bearings formed on the overlying ends of the two parts of the case, as shown in Fig. 2, or in any suitable way. On the ends of the vessel D are continuous flanges D², that project up through the opening in the floor A² and the openings in the ends of the fixed plate A, as shown in Fig. 2, in such a manner that a person can by foot-pressure thereon rotate the cylinder as required to bring the opening in the vessel into coinciding position with the opening in the plate A, as required, to spit into the cuspidor.

In the practical use of my invention when the vessel contains expectorations of tobacco-juice and other filthy matter it will be carried in the vessel until the car is in a place where it may be emptied upon the ground along the track by simply placing a foot on one of the flanges D², and thereby rotating the vessel a half-revolution to allow the matter to drop out of the vessel and through the opening in the bottom of the two-part case B and B².

Having thus described the construction, application, and operation of my invention, its utility is obvious, and what I therefore claim as new, and desire to secure by Letters Patent therefor, is—

1. In a cuspidor for cars the plate A having a central opening and minor openings near the ends of the central openings and a plurality of bolt-holes, a two-part metal case composed of the upper part B and lower part B² and the upper part having integral enlargements B³ provided with longitudinal bores and the lower part having integral ears provided with perforations coinciding with the said bores and the two parts of the case and the said plate jointly fixed to a car-floor by means of bolts and nuts to support a cylindrical vessel inclosed in a case as shown and described for the purposes stated.

2. A cuspidor comprising the plate A hav-

ing a central opening and also an opening in each end to admit a flange on a rotatable vessel, a two-part case, B and B², having integral enlargements B³ on the ends of its top part and longitudinal bores in said enlargements, perforated ears on its lower part and bearings for a rotatable vessel, a rotatable cylindrical vessel D having an opening to coincide with the central opening in the plate

A and continuous flanges D² to enter the openings in the ends of said plate and central journals *h* on its ends, arranged and combined with a car-floor as shown and described for the purposes stated.

JAMES C. MEADER.

Witnesses:

Mrs. J. H. PRALL,
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