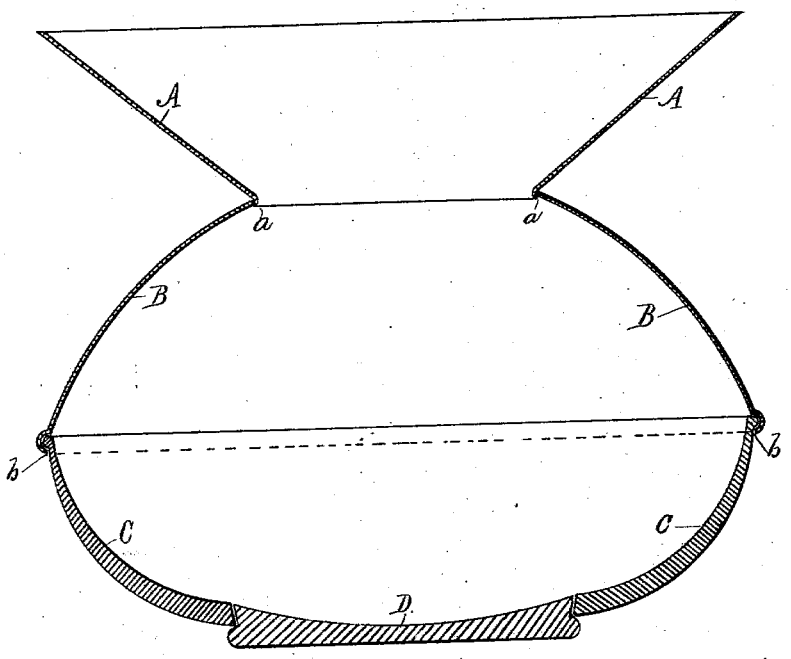
E. A. HEATH.

Spittoon.

No. 206,322. Patented July 23, 1878.



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UNITED STATES PATENT OFFICE.

EUGENE A. HEATH, OF NEW YORK, N. Y.

IMPROVEMENT IN SPITTOONS.

Specification forming part of Letters Patent No. **206,322**, dated July 23, 1878; application filed April 5, 1878.

To all whom it may concern:

Be it known that I, EUGENE A. HEATH, of the city, county, and State of New York, have invented certain new and useful Improvements in Cuspadores, of which the following is a specification:

This invention relates to that class of cuspadores which have usually been formed in three parts or sections, consisting of a bowl made from cast metal, the base of which is greatly increased in weight by thickening the shell, of a breast, and a flaring receiving-mouth formed from light sheet metal, the breast and bowl being united by soldering. A cuspadore of this construction is mainly designed to cause the vessel to right itself in case its equilibrium is disturbed. Many faults have been found with it, and, owing to the base being heavy and of cast-iron, the vessel is entirely unsuited for use in rooms where the floor is made from hard woods, marble, or tiling, as in every case, whenever the vessel is moved, it scratches and defaces the floor, besides causing a very harsh and disagreeable noise.

The present invention is designed to entirely obviate these objections; and it consists in constructing the vessel as follows: of a cast-iron bowl with the bottom removed, the breast and receiving-mouth being formed of light metal in the usual manner. These parts are first finished and united, a light bottom of wood, paper, paper-pulp, or rubber being afterward inserted, for the purposes as will hereinafter be fully pointed out and described.

The drawing, which forms an essential part of this specification, represents a vertical sectional elevation of a cuspadore in which my invention is fully embodied.

A represents the receiving-mouth, which is of the conventional form in general use, and spun or stamped out of light sheet metal. B is the breast, also of the usual configuration adopted in cuspadores. These two parts are united at *a* by seaming and soldering, or by any other approved mechanical means. C is the bowl, which is cast from metal, preferably iron, the bottom thereof being left open. Its shell is heaviest near the base, and is gradually reduced in thickness toward the top. This cast-iron bottomless bowl is united to the breast B at *b* by soldering in the method now in vogue. These united parts—bowl, breast, and mouth—are then japanned, painted, plated, or otherwise ornamented, which completed, the vessel is in condition to receive its bottom D. This bottom I propose to form from compressed paper, paper-pulp, wood, rubber, or any other similar and suitable material, and to insert the same in the opening in the base of the bowl, cementing the same or otherwise securing it in its place therein. In many cases it may be forced in under pressure, so that no other means need be employed.

The object aimed at is to produce a vessel that may be used on any ornamental floor without any danger of scratching or defacing the same, and at the same time to secure all of the advantages claimed for a self-righting cuspadore, as the vessel herein shown and described will, by reason of the shell of the bowl being heaviest near the base, quickly regain its normal and upright position as soon as the disturbing cause releases it.

It is obvious that my improvement in the bottoms is applicable to cuspadores the breast and bowl of which are now cast or formed in one piece from metal or from any plastic or vitreous material; also, to cuspadores the mouth, breast, and bowl of which are formed or cast in one piece of the same material, the vessel in each case being bottomless and completed in the manner as herein previously described, and it is my intention to so apply my invention.

I claim as new and as my invention—

1. In a cuspadore, the combination of a bottomless bowl of heavy material, the excess of weight in which is near its base, a detachable bottom, (for insertion in the opening in the base of such bowl,) formed from wood, paper, paper-pulp, rubber, or other light and soft material of an opposite nature to metal, and a breast and receiving-mouth of the usual shape, such breast and receiving-mouth being attached to the bowl by soldering, all applied as and for the purposes substantially as herein shown and set forth.

2. In a cuspadore, the combination of a bowl, breast, and receiving-mouth of the usual form, the bottom of the bowl of such vessel being removed, and a detachable bottom, (arranged for insertion in the open base of the vessel,) formed from wood, paper-pulp, rubber, or other material of a softer nature than metal,

all substantially as and for the purposes as herein shown and described.

3. In a cuspadore, the combination of a bowl or body formed in one piece from heavy material, the base or bottom of such vessel being removed, a detachable bottom, (for insertion in the open base of the vessel,) formed from light material in contradistinction to metal, and a flaring receiving-mouth of the usual form, all substantially as and for the purposes as herein shown and described.

4. The combination, in a cuspadore, of a bottomless bowl or body, having a receiving-mouth of the conventional form, and a detachable bottom, (arranged for insertion in the open base of such vessel,) formed from soft material, substantially as and for the purposes as herein shown and set forth.

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