

(No Model.)

W. F. MALLOY.

CUSPIDOR.

No. 256,492.

Patented Apr. 18, 1882.

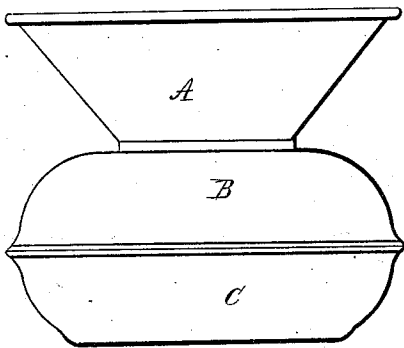


Fig. 1.

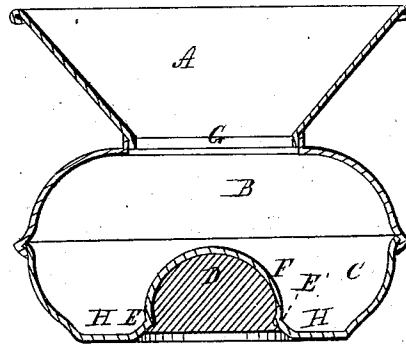


Fig. 2.



Fig. 3.

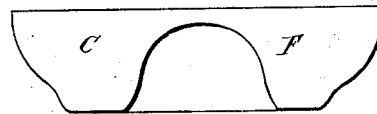


Fig. 4.

Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM F. MALLOY, OF CLEVELAND, OHIO.

CUSPIDOR.

SPECIFICATION forming part of Letters Patent No. 256,492, dated April 18, 1882.

Application filed February 25, 1882. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM F. MALLOY, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented a certain new and Improved Cuspidor; and I do hereby declare that the following is a full, clear, and complete description thereof.

My improvement relates to single-bottom cuspidors; and it consists in constructing the same with a counter-weight in the bottom thereof, so that in case the article is turned over it will readily assume its proper position.

It also relates to forming a cone-like projection for the counter-weight, which projection, being in the interior of the article, acts as a deflector for the expectorations, refuse matter, and things for which the article is a usual receptacle, so that the unsightly appearance of its contents is avoided by being conveyed from the opening to the obscured sides.

That the invention may be more fully understood, reference will be had to the following specification, and to the annexed drawings, making part of the same, in which—

Figure 1 is a view of the cuspidor; Fig. 2, a vertical transverse section; Fig. 3, a detached view of the counter-weight, and Fig. 4 a detached view of the base or bottom.

Like letters of reference refer to like parts in the several views.

The cuspidor herein shown is made up of thin single pieces of sheet metal, A B C, to which is secured the counter-weight D. The pieces may be either struck, spun, or drawn to form the article, and joined or connected together in any suitable manner.

The counter-weight D, Fig. 3, is preferably made of cast-iron, and provided with a groove, E, which surrounds or encircles the lower part of the weight.

The base or lower piece, C, is first struck or spun up with a cone-like projection, F, Fig. 4, of a shape to correspond to the weight in which it is fitted, and then the plate of the cuspidor is pressed or spun into the groove E of the weight, as seen at E', Fig. 2, which will secure

the weight in position, as seen in Fig. 2, leaving the base of the weight flush with the bottom of the cuspidor, or nearly so. The groove E need only be of sufficient size to be held in place by the compressing of the metal therein.

The conical or curved projection F extends up some distance from the bottom in direct line with the opening G of the cuspidor, as seen in Fig. 2. By means of this cone expectoration, cigar-stumps, and other refuse thrown into the article will first strike upon the cone and run down or be deflected down the side into the bottom H, which surrounds the cone; hence the material thus thrown in the cuspidor will be turned off by the cone out of sight from the opening, the only object seen through the said opening being the upper part of the cone, the face of which is made sufficiently steep as to cause all material to flow off or be deflected to the bottom.

By means of the cone the opening G may be enlarged to prevent any accumulation or lodgment of dirt, &c., about the entrance.

The cost and labor of making the article are much reduced by having a single bottom in place of a double one, as is ordinarily done in this class of articles with a counter-weight.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. In cuspidors, an improvement consisting of the interior curved or conical-shaped projection, F, in line with the area of the opening G, and a counter-weight secured within said projection, in the manner substantially as described.

2. In cuspidors, a curved or conical-shaped projection extending up from the bottom thereof toward and in line with the opening above into the interior, substantially as described, and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM F. MALLOY.

Witnesses:

W. H. BURRIDGE,
J. H. BURRIDGE.