

No. 676,746.

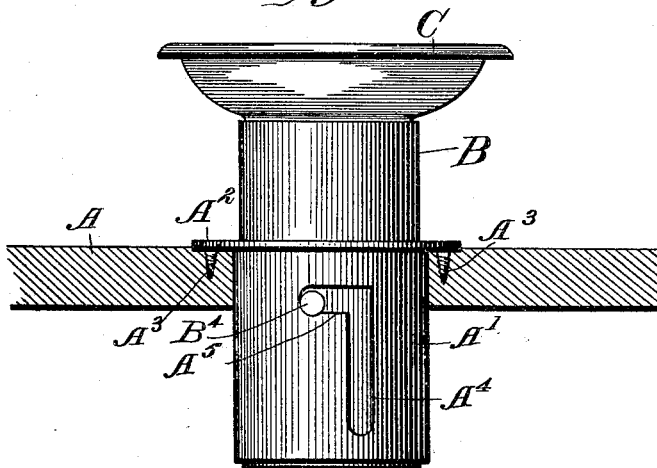
Patented June 18, 1901.

R. T. GRAY.  
SPITTOON.

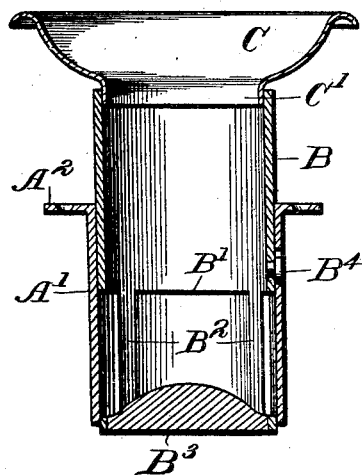
(Application filed Mar. 20, 1901.)

(No Model.)

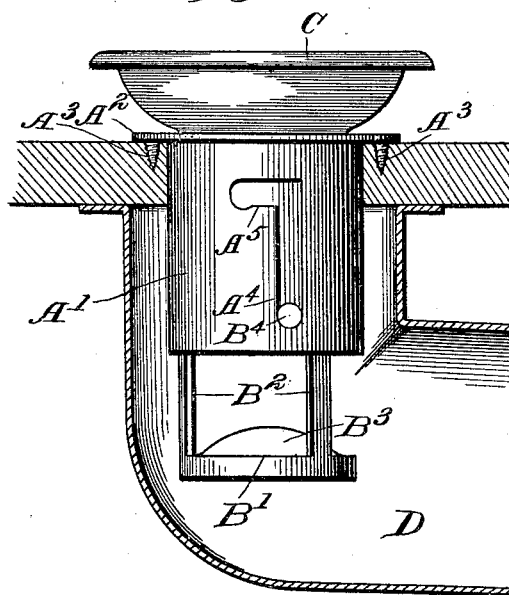
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*R. T. Gray, Inventor.*

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*Witnesses*  
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# UNITED STATES PATENT OFFICE.

RICHARD TARVIN GRAY, OF CINCINNATI, OHIO.

## SPITTOON.

SPECIFICATION forming part of Letters Patent No. 676,746, dated June 18, 1901.

Application filed March 20, 1901. Serial No. 52,007. (No model.)

*To all whom it may concern:*

Be it known that I, RICHARD TARVIN GRAY, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Spittoons; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to spittoons, and particularly to that class known as "flushing."

The object of the invention is to produce a spittoon for use in cars and other places having a floor in which it may be seated.

Furthermore, the object of the invention is to provide means whereby drafts through the opening in the floor in which the spittoon is seated may be prevented.

Furthermore, the object of the invention is to provide means whereby the bottom may be dropped vertically when the same is to be flushed and cleaned and restored to its normal position to close the opening.

Finally, the object of the invention is to produce a spittoon which will possess advantages in point of cleanliness, simplicity, durability, and inexpensive structure.

With the above and other objects in view the invention consists in the details of construction and in the arrangement and combination of parts to be hereinafter more fully set forth and claimed.

In describing the invention in detail reference will be had to the accompanying drawings, forming part of this specification, wherein like characters denote corresponding parts in the several views, in which—

Figure 1 is a view of a section of a floor with the invention seated therein and shown in elevation. Fig. 2 is a vertical sectional view of the spittoon; and Fig. 3 is a view in elevation with the bottom lowered and a discharge-pipe connected thereto, the said pipe being broken away.

In the drawings, A denotes the floor; A', a cylindrical casing having on its upper edge an outwardly-disposed annular flange A<sup>2</sup>, which rests on the floor and is secured thereto by screws A<sup>3</sup>, the said casing being seated in an opening in the floor and depending therebelow. The casing has formed in its wall a ver-

tically-extending slot A<sup>4</sup>, intersected at its upper end by a horizontal slot A<sup>5</sup>.

A barrel B is slidable in the casing and is cut away near the lower end, as is shown at B'. The cut-away portions may be multiplied as fancy may dictate, but three openings, forming the three ribs B<sup>2</sup>, has been found to be a satisfactory number.

A bottom B<sup>3</sup> is set in the lower end of the cylinder and is provided with an oval inner surface, so that accumulation therein can be more readily dislodged. A lug B<sup>4</sup> projects from the outer wall of the cylinder and rides in the slot of the casing, and the movement of the cylinder is limited by the length of the slot.

When it is desired to retain the bottom of the cylinder flush with the lower edge of the casing for excluding drafts, the lug on the cylinder is turned into the horizontal slot after the manner of a bayonet-joint and the parts are retained in place.

The upper end of the barrel is provided with a bowl C, having a depending flange C', which fits against the interior wall of the cylinder, where it is held by frictional contact. Thus the bowl may be removed for cleaning or when damaged is readily replaced. As the bowl is the only portion of the spittoon which is exposed to damage, this provision for its being replaced will be found a great advantage.

When the spittoon is applied to floors of buildings, a discharge-pipe D would be provided for conveying the deposits in the spittoon to a sewer or other like conduit.

The construction, operation, and advantages will, it is thought, be understood from the foregoing description, it being noted that change in the proportions and details of construction may be resorted to for successfully carrying the invention into practice without departing from the scope of the claims.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a spittoon, a casing seated in a floor, said casing having vertical and horizontal intersecting slots, a barrel slidable in the casing and having a stud sliding in the slots, a bottom for the barrel having a rounded upper surface substantially as described.

2. In a spittoon, a casing seated in a floor,

said casing having vertical and horizontal slots, a barrel slidable in the casing and having a stud sliding in the slots, a bowl having a flange fitting the inner wall of the barrel  
5 and held therein by friction, a bottom for the barrel having a rounded upper surface substantially as described.

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

RICHARD TARVIN GRAY.

Witnesses:

CHARLES HAUSER,  
L. E. PARKER.