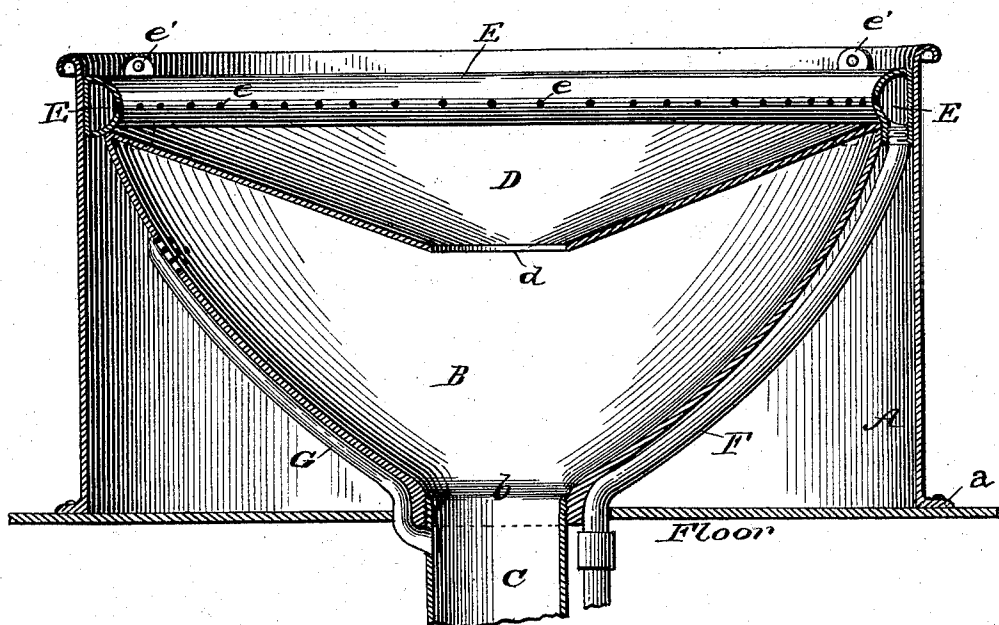


(No Model.)

W. J. SHILLING, Jr.
CUSPIDOR.

No. 535,925.

Patented Mar. 19, 1895.



WITNESSES:

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WILLIAM JOSEPH SHILLING, JR., OF BROOKLYN, NEW YORK.

CUSPIDOR.

SPECIFICATION forming part of Letters Patent No. 535,925, dated March 19, 1895.

Application filed March 27, 1894. Serial No. 505,283. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM JOSEPH SHILLING, Jr., a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Cuspidors; and I do 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, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which forms a part of this specification.

15 This invention relates to an improved cuspidor, the object being to provide means for flushing or cleaning the spittoon without removing it from its position on the floor.

20 More particularly, my invention relates to an improved stationary spittoon and means for cleaning the same.

25 My invention is intended for use in public places, such as railway cars, hotels, &c., though it can be used in offices and private houses, if so desired.

30 The invention consists in the peculiar construction of the various parts and their novel combination or arrangement, all of which will be fully described and pointed out in the claim.

In the drawing hereto annexed, I have shown a sectional view of my improved spittoon.

35 In carrying out my invention, I employ an outer cylindrical casing A, having a flange *a* at its lower end, by means of which it is secured to the floor. Within the casing A is arranged a bowl B, the lower end of which is formed with an opening *b* and projected through an opening in the floor, and connected with this end of the bowl is a discharge pipe C, which is shown as threaded at its upper end to screw into the opening in the bowl. Resting upon the top of the bowl, or formed integral there-
40 with is the usual funnel-shaped cover D having the central opening *d*. All of these parts may be constructed of metal, porcelain, rubber or other suitable material, and when assembled as described, constitute an ordinary
45 stationary spittoon with a discharge pipe attached.

It is a well known fact that spittoons as thus

constructed and used in public places soon become clogged and the accumulations upon the funnel-shaped cover render them very
55 offensive. It is with the object of avoiding this clogging and accumulation that my spittoon has been devised; and in order to do it, I provide an annular chamber, channel or passage, E, which is connected to or formed
60 integral with the inner side of the casing just above the upper edges of the funnel-shaped cover. The inner side of said chamber, channel or passage has a series of perforations *e* made therein, and connected with this cham-
65 ber, or channel, is a water supply pipe F, which I have shown as arranged between the bowl and casing. When the spittoon is used upon cars this pipe F is connected with the
70 usual water-tank carried by said car, and when used in depots or other buildings, it is connected directly with the water pipes of said buildings. The discharge pipe will then be connected with the sewer or waste pipe.

75 In the drawing I have shown the chamber E separate from the case in the form of a tubular ring and attached to the case by suitable clips *e'*; but it is evident it may be made integral with said case, if so desired.

80 The pipe F being connected with a water supply, water is forced therethrough into the chamber E at stated intervals, and passing through the perforations in fine jets, it courses down the incline of the cover and washes off
85 all accumulated tobacco, &c., which passes down through the central opening into the discharge pipe. The flushing is intended to take place at regular intervals, so that very little tobacco can accumulate at any one time, and the cleaning is thereby rendered easier
90 and much more efficient.

G indicates an over-flow pipe connected with the bowl and leading to the discharge pipe, said pipe being brought into play only when the discharge opening in the bowl be-
95 comes clogged.

If desired, a cap may be placed upon the upper end of casing, but as it is so little used, I have not shown it in the drawing.

Having thus described my invention, what I claim is—

100 In a cuspidor, the combination of the outer cylindrical case, A, having a flange, *a*, at the bottom, a bowl, B, having a contracted open

end, *b*, a discharge pipe, *C*, connected with
said open end, a funnel-shaped cover, *D*, ar-
ranged upon the bowl and provided with a
central opening, *d*, an annular chamber or
5 channel, *E*, arranged upon the inner edges of
the outer case just above the upper edges of
the funnel-shaped cover, a water supply pipe
located between the bowl and case and con-
nected with the chamber or channel, *E*, and
10 a discharge pipe, *G*, located also between the

bowl and case and leading from the bowl to
the discharge pipe, *C*, substantially as shown
and described.

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

WILLIAM JOSEPH SHILLING, JR.

Witnesses:

EDWARD C. TUCKER,

EDWD. J. MCCARTY.