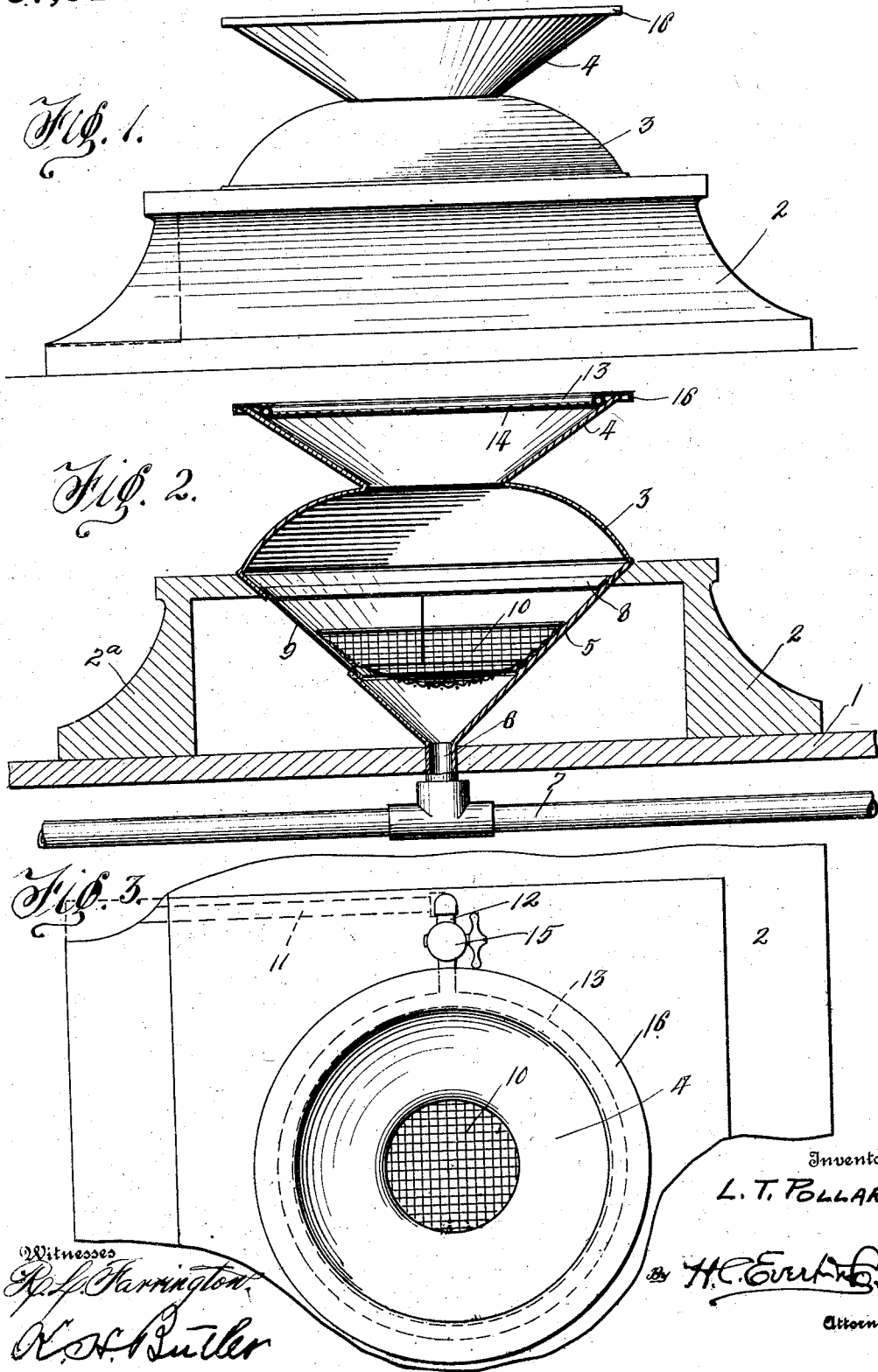


L. T. POLLARD.
CUSPIDOR.
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Patented Oct. 19, 1909.

937,645.



UNITED STATES PATENT OFFICE.

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CUSPIDOR.

937,645.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, LUKE T. POLLARD, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Cuspidors, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to cuspidors, and the object of the invention is to provide a sanitary and easily cleaned cuspidor, thereby eliminating disagreeable and unhealthy odors that are liable to be liberated by matter contained within a cuspidor.

My invention aims to provide a novel cuspidor support that will prevent a cuspidor from being accidentally tilted or upset. In connection with the cuspidor, I utilize a spraying device for cleansing the mouth or funnel of the cuspidor, also for washing matter deposited in the cuspidor. To this end, I provide a support for a cuspidor having the body thereof provided with an opening adapted to be closed by a shutter or slide door. Within the cuspidor is located a screen for preventing solid matter from entering a drain pipe provided for removing liquid matter from the bottom of the cuspidor. The mouth of the cuspidor is provided with a circular spraying device adapted to maintain the exposed portion of the cuspidor in a sanitary condition and at the same time wash certain matter through the screen into the drain pipe.

The invention will be hereinafter considered in detail, and reference will now be had to the drawing forming a part of this application wherein there is illustrated a preferred embodiment of my invention, but it is to be understood that the structural elements thereof can be varied or changed without departing from the spirit of the invention.

In the drawings:—Figure 1 is an elevation of a cuspidor constructed in accordance with my invention, Fig. 2 is a vertical sectional view of the same, and Fig. 3 is a plan of the cuspidor.

In the drawings, 1 designates a floor having an ornamental support 2 for a cuspidor 3, said cuspidor resting in the support with the funnel-shaped mouth 4 thereof above the support. One side of the support as at 2^a is detachable whereby easy access can be had

to the inverted cone-shaped bottom 5 of the cuspidor, which is provided with a central down pipe 6 adapted to connect with a drain pipe 7 beneath the floor 1. The inverted cone-shaped bottom 5 of the cuspidor is provided with guide flanges 8 for a slide door 9, this door being open whereby a horizontal screen or sieve 10 can be removed from the bottom of the cuspidor and cleaned.

11 designates a water supply pipe beneath the floor 1, and this pipe is connected by a branch pipe 12 to a circular tubular spraying head 13 mounted in the funnel-shaped mouth 4 of the cuspidor adjacent to the upper edges thereof, said head being provided with a plurality of circumferentially arranged openings 14 for spraying water downwardly upon the sides of the funnel-shaped mouth 4. The branch pipe 12 is provided with a valve 15 for controlling the admission of water to the cuspidor, and in order to shield the head 13 an annulus or ring 16 is mounted upon the upper edges of the funnel-shaped mouth 4.

It is apparent that the matter deposited in the cuspidor will immediately be washed upon the screen 10 and a portion of the matter washed through the screen into the drain pipe 7, the screen retaining such particles that would tend to clog and interrupt the flow of water through the drain pipe 7. In spraying the funnel-shaped mouth 4, spittle and other matter are prevented from adhering to the sides of the cuspidor.

The cuspidor is designed for hotels, saloons, depots and such places where cuspidors are continuously used and can be readily made a fixture in the building.

Having now described my invention what I claim as new, is:—

1. The combination with a floor, a drain pipe arranged beneath said floor, and a water supply pipe arranged beneath said floor, of a support mounted upon said floor, a cuspidor mounted in said support, and having an inverted cone-shaped bottom connecting with said drain pipe, a slide door arranged in the bottom of said cuspidor, said cuspidor having a funnel-shaped mouth, and a spraying head mounted in the funnel-shaped mouth of said cuspidor and adapted to connect with said water supply pipe.

2. The combination with a floor, a drain pipe arranged beneath said floor, and a water supply pipe arranged beneath said

floor, of a support mounted upon said floor,
a cuspidor mounted in said support, and
having an inverted cone-shaped bottom con-
necting with said drain pipe, a slide door
5 arranged in the bottom of said cuspidor, a
horizontal screen mounted in the bottom of
said cuspidor, said cuspidor having a funnel-
shaped mouth, a spraying head mounted in
the funnel-shaped mouth of said cuspidor
10 and adapted to connect with said water sup-

ply pipe, and an annulus or ring mounted
upon the upper edges of the funnel-shaped
mouth of said cuspidor for protecting said
spraying head.

In testimony whereof I affix my signature 15
in the presence of two witnesses.

LUKE T. POLLARD.

Witnesses:

A. H. RABSAG,

A. J. TRIGG.