(No Model.)

N. J. GUTTENDORF.

CUSPIDOR.

No. 574,148. Patented Dec. 29, 1896.

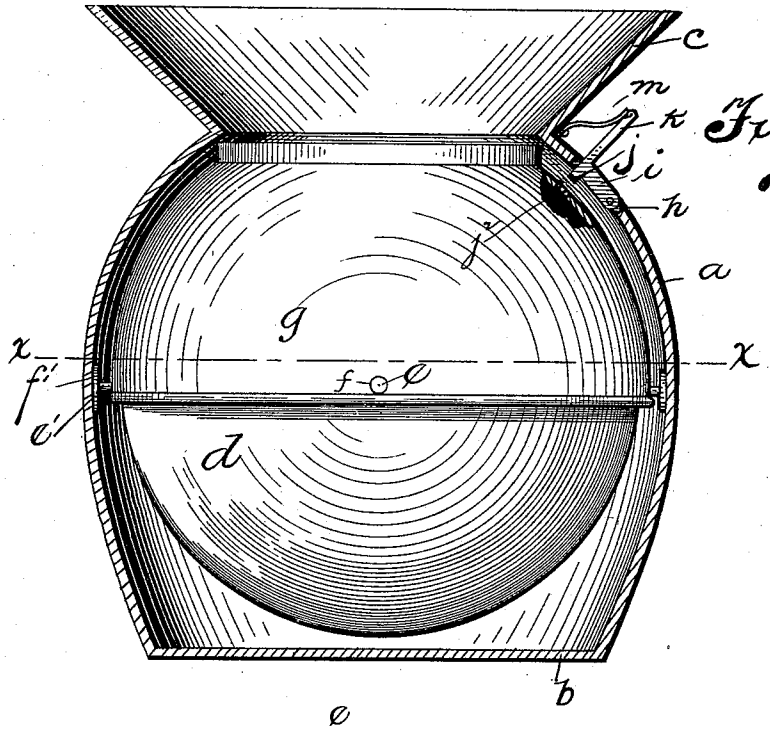

Fig. 1.

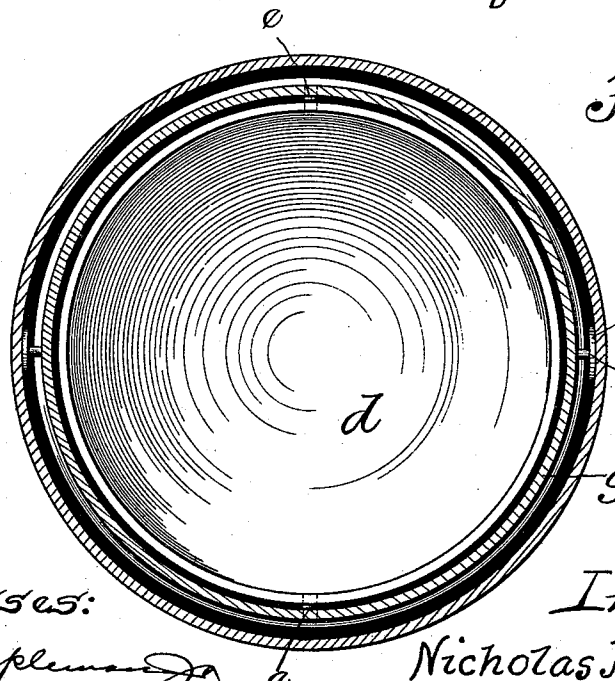

Fig. 2.

Witnesses:
A. R. Appleman
A. M. Wilson

Inventor:
Nicholas J. Guttendorf.
By Henry C. Evert Atty.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

NICHOLAS J. GUTTENDORF, OF PITTSBURG, PENNSYLVANIA.

CUSPIDOR.

SPECIFICATION forming part of Letters Patent No. 574,148, dated December 29, 1896.

Application filed March 9, 1896. Serial No. 582,462. (No model.)

To all whom it may concern:

Be it known that I, NICHOLAS J. GUTTENDORF, 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 drawings.

This invention relates to certain new and useful improvements in cuspidors, and has for its object the construction of a cuspidor that will not be easily upset, and even when upset will not spill the contents.

The invention has for its further object to construct a cuspidor of the above-described class that will be extremely simple in its construction, strong, durable, effectual in its operation, and comparatively inexpensive to manufacture; furthermore, to construct a cuspidor of this class that will be handsome in its appearance, and that can be easily cleaned when desired.

With the above and other objects in view the invention finally consists in the novel construction, combination, and arrangement of parts to be hereinafter more specifically described, and particularly pointed out in the claims.

In describing the invention in detail reference is had to the accompanying drawings, forming a part of this specification, and wherein like letters of reference indicate similar parts throughout the several views, in which—

Figure 1 is a vertical sectional view of my improved cuspidor. Fig. 2 is a sectional view taken on the line X X of Fig. 1.

In the drawings, *a* represents the outer casing or bowl, which is composed of any suitable material and constructed with a flat bottom *b* to allow the same to rest firmly on the floor and at the top with a bell-shaped mouth *c*. A semispherical receptacle *d* is suspended near the center of the bowl *a* by shafts or pins *e e*, journaled in bearings *f*, formed in an inverted semispherical receptacle *g*, which is suspended in the upper portion of the bowl by similar shafts or pins *e' e'*, journaled in bearings *f' f'*, which are located at the opposite sides of the bowl from the shafts *e e*. An opening is provided in the top of this receptacle *g*, which is slightly larger than the small end of the bell-shaped top *c*. These two receptacles engage one within the other and form one receptacle. On one side of the bowl *a* is provided a slot *h*, in which is pivotally secured a bell-crank *i*, the inner arm *j* of which is adapted to engage in the hole j^2, provided in the receptacle *g*, when the bell-crank is forced into the bowl *a* and holds the receptacle *g* in a rigid position. A spring *m*, secured at the base of the bell-shaped top, engages the outer arm *k* of the bell-crank and holds the same in its normal position.

The operation of my improved cuspidor will be readily apparent from the views of the same which I have shown in the drawings.

When the cuspidor is in its upright position, the arm *j* will be out of engagement with the hole in the receptacle *g*, and will be retained in this position by the spring *m*. We will now assume that the cuspidor is upset, and as the bowl *a* is inclined the shafts *e* and *e'*, supporting the receptacles *d* and *g* in an upright position, will revolve in their bearings and retain these receptacles in their upright position, thus preventing the contents from being spilled, as the weight of the contents on the bottom of the receptacle *d* will keep the same in this position. As the cuspidor is returned to its upright position the shafts will again turn in the same manner, bringing the opening of the receptacle *g* to the opening of the bell-shaped mouth *c*. In righting the bowl care should be taken that it is not righted on the axial line of *e* or *e' e'*.

When it is desired to clean the cuspidor, the arm *k* is forced upward toward the bell-shaped mouth, which will compress the spring *m* and force the arm *j* into the hole j^2 in the receptacle *g* and prevent the same from turning. The bowl can then be turned on the axial line of the shaft *e*, or the bowl *d* may be held by a stick inserted through the mouth while the contents are being emptied, and the contents may be readily emptied from the bell-shaped mouth.

When the cuspidor has been emptied and cleaned, the pressure on the arm *k* is released and the spring *m* will force the same outward and release the arm *j* from engagement with the receptacle *g*, and it is again ready for use.

It will be readily apparent that it will be practically impossible for the contents of the

cuspidor to be spilled, which is a great advantage in offices, stores, and the like, where the upsetting of the cuspidor by accident, spilling the contents over the floor or carpet, frequently causes considerable trouble and annoyance. The outer casing or bowl *a* may be designed so as to give the same an ornamental appearance, or the bowl may be constructed of a cheap material, as may be desired.

It will be noted that various changes may be made in the details of construction of my improved cuspidor without departing from the general spirit of my invention.

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

1. In a cuspidor, the combination of a suitably-shaped bowl, shafts or pins journaled in bearings near the center of the bowl supporting a receptacle having an opening in its top, to conform with the opening of the bowl, and semispherical receptacle having pins journaled in bearings on the upper section, as and for the purpose described.

2. In a cuspidor, an outer bowl having an opening in the top, a receptacle consisting of semispherical sections, the upper section being pivoted to the bowl and the lower section pivotally connected to the upper section, as and for the purpose described.

3. A cuspidor, consisting of an outer bowl, an inner receptacle consisting of pivotally-connected sections, one of said sections being pivoted to the bowl and a lever for controlling the action of the top section, as and for the purpose described.

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

NICHOLAS J. GUTTENDORF.

Witnesses:

ALFRED M. WILSON,

FRANK P. BUCKLEY.