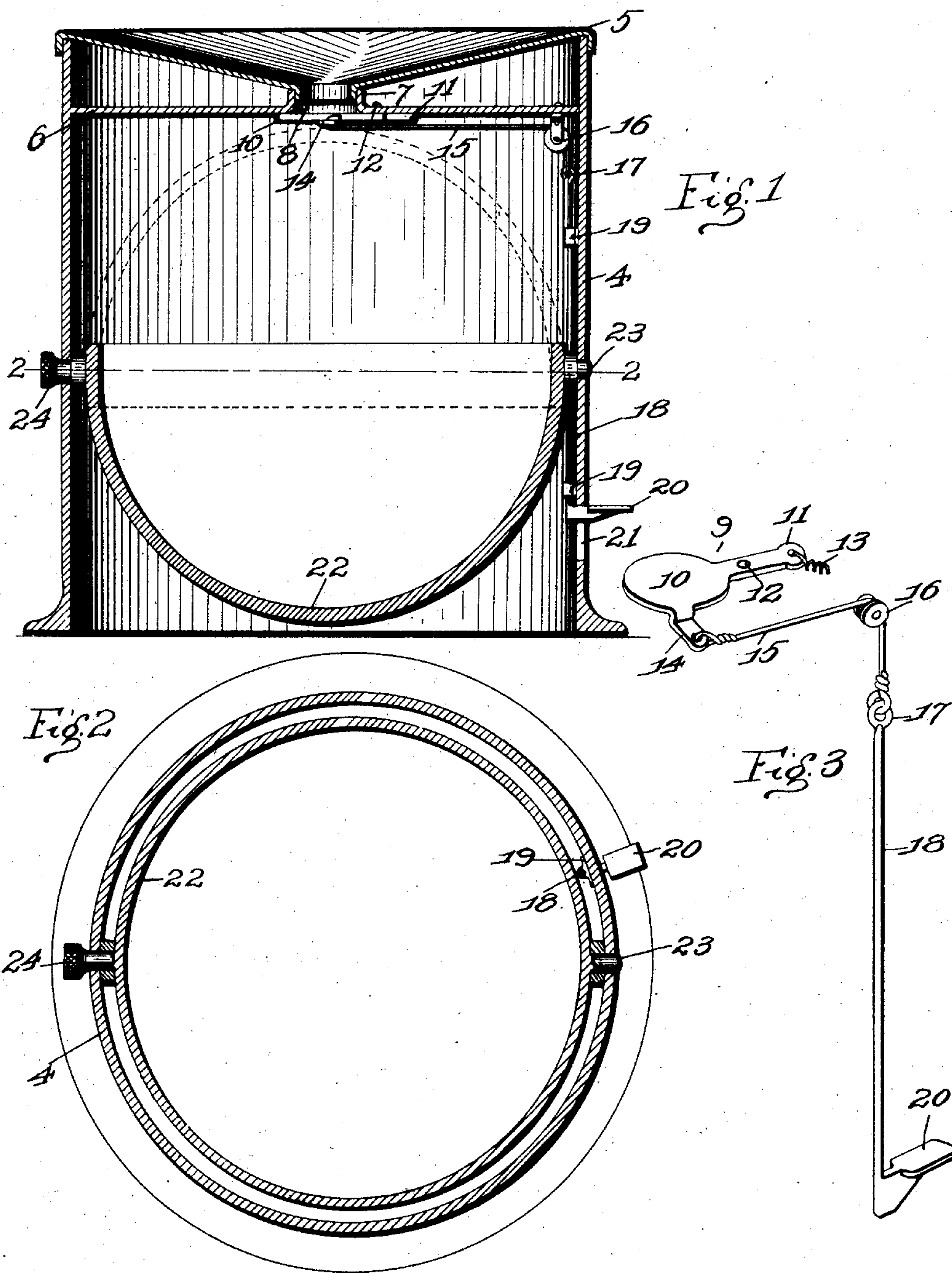


No. 879,314.

PATENTED FEB. 18, 1908.

C. PETER.  
CUSPIDOR.

APPLICATION FILED APR. 23, 1907.



WITNESSES

*W. B. Stein*

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# UNITED STATES PATENT OFFICE.

CHARLES PETER, OF ST. LOUIS, MISSOURI.

## CUSPIDOR.

No. 879,314.

Specification of Letters Patent.

Patented Feb. 18, 1908.

Application filed April 23, 1907. Serial No. 369,866.

*To all whom it may concern:*

Be it known that I, CHARLES PETER, a citizen of the United States, and resident of St. Louis, Missouri, have invented certain new and useful Improvements in Cuspidors, of which the following is a specification.

This invention relates to improvements in cuspidors and consists in the novel arrangement, construction and combination of parts as will be fully hereinafter described and claimed.

The object of my invention is to construct a cuspidor having a reversible bowl or basin, also a valve connection whereby the opening in the cover is automatically closed after being opened by the foot of the user to permit an absolutely sanitary apparatus.

A further object of my invention is in constructing a cuspidor with a reversible bowl or basin the same may be readily and easily cleaned.

In the drawings: Figure 1 is a vertical central sectional view of my complete invention. Fig. 2 is a horizontal sectional view taken on the line 2—2 of Fig. 1. Fig. 3 is a detail perspective view of the valve and its operating mechanism used in connection with my invention.

In the construction of my invention I provide an outer shell 4 having an open bottom and the top of the shell is provided with an inclined cover 5. In the shell directly beneath the inclined cover I provide a horizontal reinforcing top piece 6 which is provided with an up-turned flange 7 forming an opening into which the projecting flange 8 of the inclined cover fits.

Pivotally secured to the horizontal partition wall and located directly beneath the opening formed by the flange 7 is a valve 9 consisting of a disk 10 having a projecting arm 11, the disk 10 coming directly beneath the opening and pivotally connected to the partition wall at the point indicated by the numeral 12. In the arm 11 is provided an opening into which is inserted one end of a spring 13, the other end of said spring being attached to the partition wall and so arranged as to automatically keep the disk 10 beneath the opening closing the same. The disk 10 is also provided with a second projecting arm 14 to which is attached one end of a cord 15, the said cord passing over a roller or pulley 16 suitably attached to the under side of the horizontal reinforcing top piece 6 and the opposite end of said cord is secured to the

upper end 17 of an operating rod 18. The said rod is slidably mounted in brackets 19 secured to the inner surface of the shell, and the opposite end of the operating rod is provided with a treadle member 20 which projects through a slot 21 formed in the shell and the said slot is of sufficient length as to permit a downward motion of sufficient movement to allow the disk 10 to be drawn away from beneath the opening formed in the horizontal partition wall. After the foot has been removed from the treadle member 20 the spring 13 will automatically replace the disk in its closed position.

In the shell 4 is pivotally mounted a bowl or basin 22 which is preferably hemispherical in form and is held in said shell by the trunnion 23 and the knob 24. By the use of said knob the bowl can be inverted into a reversed position as shown by dotted lines in Fig. 1 so that the contents may be removed and the same readily and easily cleaned. The object of constructing a cuspidor in this manner is to provide an absolutely sanitary device, and it is necessary for the user to place his foot upon the lever to operate the valve as that the contents may be passed into the bowl.

Having fully described my invention, what I claim is:

1. A cuspidor of the class described, comprising a cylindrical shell, a bowl pivotally mounted in said shell, an inclined cover provided with a central opening located upon the top of said shell, a reinforcing top piece provided with a central opening located in the shell beneath the cover; a horizontal valve located beneath the opening of the inclined cover and top piece, and a cord and operating rod for opening the valve when desiring to use the cuspidor, substantially as specified.

2. A device of the class described, comprising a shell, a bowl pivotally mounted in said shell, a horizontal reinforcing top piece provided with a central opening located in said shell, an inclined cover provided with a corresponding central opening located upon the shell, a horizontal valve pivotally secured to the reinforcing top piece and located beneath the opening, and a treadle mechanism for operating the valve, substantially as specified.

3. A device of the class described comprising a cylindrical shell open at its bottom; a reinforcing top piece located in the shell

near the top and provided with a central opening; an inclined cover loosely mounted on the top of the shell and provided with a central opening to communicate with the  
5 central opening in the reinforcing top piece; a horizontal valve pivotally mounted on the reinforcing top piece and arranged to slide horizontally on its pivot to open and close the opening; an operating rod; a treadle at-  
10 tached to the operating rod; a cord connected to the valve and to the operating rod

for controlling the valve when the treadle is operated, and a bowl pivotally located in the shell and arranged to be inverted to remove the contents, substantially as specified. 15

In testimony whereof, I have signed my name to this specification, in presence of two subscribing witnesses.

CHARLES PETER.

Witnesses:

ALFRED A. EICKS,  
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