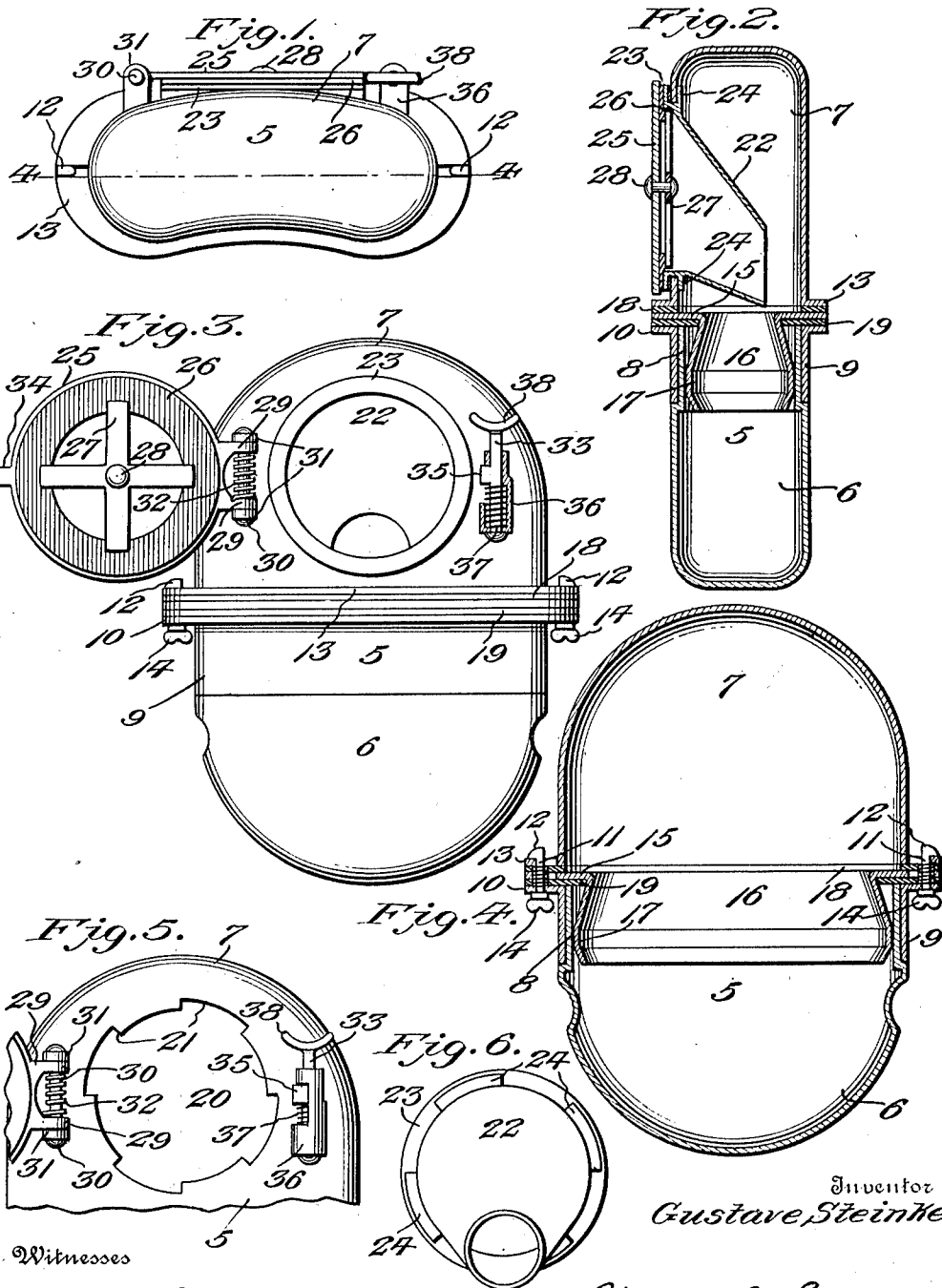


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 SANITARY POCKET SPITTOON.  
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1,012,471.

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## SANITARY POCKET-SPITTOON.

1,012,471.

Specification of Letters Patent.

Patented Dec. 19, 1911.

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*To all whom it may concern:*

Be it known that I, GUSTAVE STEINKE, a citizen of the United States, residing at Denver, in the county of Denver and State of Colorado, have invented new and useful Improvements in Sanitary Pocket-Spittoons, of which the following is a specification.

The invention relates to cuspidors, and more particularly to the class of pocket spittoons.

The primary object of the invention is the provision of a device of this character in which saliva expectorated by a person afflicted with tuberculosis or other contagious or infectious diseases may be caught and confined, thereby preventing the exposure of such saliva to other persons, thus overcoming the possibility of the spreading of such diseases.

Another object of the invention is the provision of a spittoon in which the user thereof may carry the same in the pocket of wearing apparel for the convenience of a person suffering with consumption or other infectious diseases, whereby when it is desired to expectorate, the saliva may be caught in the spittoon and confined thereby, thus obviating objectionable exposure or escape of the saliva which would necessarily result in the spreading of such diseases.

A further object of the invention is the provision of a spittoon in which an invalid may conveniently carry the same, whereby it may be readily handled for receiving sputum or saliva as expectorated by the invalid, the spittoon being readily and easily cleaned, thus assuring sanitary conditions thereto, and when saliva is confined within the same, it will obviate the objectionable exposure thereof, thus preventing the spreading of infectious or contagious diseases.

A still further object of the invention is the provision of a device of this character which is simple in construction, readily and easily carried in the pocket of wearing apparel worn by the user, thereby making the same convenient and accessible to such user, and also one that is thoroughly reliable and efficient in its purpose, and inexpensive in manufacture.

With these and other objects in view, the invention consists in the construction, combination, and arrangement of parts, as will be hereinafter more fully described, illus-

trated in the accompanying drawings, and pointed out in the claims hereunto appended.

In the drawings: Figure 1 is an end elevation of the cuspidor constructed in accordance with the invention. Fig. 2 is a vertical longitudinal sectional view thereof. Fig. 3 is a top plan view, showing the hinged lid or cover opened. Fig. 4 is a sectional view on the line 4-4 of Fig. 1. Fig. 5 is a fragmentary top plan view with the funnel removed. Fig. 6 is a bottom plan view of the funnel when removed from the casing.

Similar reference characters indicate corresponding parts throughout the several views of the drawings.

Referring to the drawings by numerals, the spittoon comprises a slightly arched substantially flat oval-shaped hollow body 5, including separable sections 6 and 7, respectively, the section 6 being formed with a contracted flange 8, providing an external seat in which is engaged a detachable flange 9 which is adapted to telescope over the flange 8 when the two sections have been connected and rests in the seat formed in the section 6. This flange 9 is provided with an outturned rim 10 at diametrical points of which and engaged therein are keys 11, the same being provided with hook ends 12, and these keys are adapted to be passed through suitable openings formed in an outturned rim 13 on the section 7, the hook ends 12 of the keys 11 engaging the said rim 13 for the locking of the flange 9 to the section 7. The keys 11 are also provided with winged knobs 14 which enable the turning thereof, when it is desired to unlock the flange 9 from the section 7 of the body.

Interposed between the rim 10 of the flange 9 and the rim 13 of the section 7 is an outturned head or flange 15 of an inner yieldable gripping ring 16, the same being provided with an outward bulge 17 to frictionally engage the inner face of the contracted rim 8 of the section 6, thus holding the section 7 connected.

Arranged between the outturned head or flange 15 of the ring 16, and the rims 10 and 13 of the flange 9 and section 7, respectively, are rubber gaskets 18 and 19 which serve to form a fluid tight juncture between the head and rims, the gasket 19 being adapted to contact with the free edge of the rim 8 of the section 6, thereby forming a fluid tight joint

between the separable sections of the body. The section 7 in its top wall is formed with a circular opening 20 having in its edge at intervals notches 21, and into this opening is removably fitted an inwardly and rearwardly extending funnel 22, the same being formed with an outturned annular flange 23 adapted to rest upon the top of the section 7 while beneath this flange are provided locking tongues 24, the latter being correspondingly shaped to the notches 21, so as to permit the tongues to pass therethrough and frictionally bind upon the inner face of the top of the section 7 on the turning of the funnel 22, whereby it may be locked in position in the section 7, the inner end of the funnel 22 being terminated, spaced from the bottom wall of the section 7, and this funnel is adapted to direct the saliva into the section 6 of the body of the spittoon when sputum or saliva is introduced through the funnel in the section 7 into the said body.

Normally resting upon the annular flange 23 of the funnel is a closure cap or lid 25, the same carrying at its inner face a rubber gasket or washer 26, which is held in position thereon by means of a spider 27 secured to the cap or lid 25 through the medium of a nail 28 passed centrally through the said spider and the said lid or cap. Thus it will be seen that when the lid or cap 26 is in position for closing the funnel, the washer or gasket 26 will effect a fluid tight joint between the said lid or cap and the annular flange 23 on the funnel 22, when the latter is fixed in the section 7 of the body. This lid or cap 25 is provided with spaced parallel ears 29, through which is passed a pintle or pivot pin 30, the latter being also passed through bearings 31 suitably formed on the top wall of the section 7. In this manner, the lid or cap 25 is hinged to the spider 27, whereby it may be swung to open or closed position. Surrounding the pintle or pivot pin 30 is a coiled expansion spring 32, one end of which is engaged with one bearing 29, while its other end engages one ear 31, so that the lid or cap 25 will automatically swing to open position by the action of said spring, when it has been released in a manner, as will be hereinafter more fully described.

The lid or cap 25 is sustained in closed position by means of the sliding catch bolt 33 when engaged therewith, the said cap or lid 25 being formed with a lip 34 adapted to engage with an offset tongue 35 formed on the bolt 33, the tongue 35 being projected through a suitable slot formed in a housing 36, in which the bolt 33 is slidably fitted, the housing 36 being formed on the top wall of the section 7. Surrounding the bolt 33 is a coiled expansion spring 37, the same being confined within the housing 36, and one end thereof works against one end of

the housing, while its opposite end works against the offset lug or tongue 35 on the bolt, so that the latter will be sustained in a position for locking the cap or lid 25 in closed position. One end of this bolt 33 is formed with a finger knob 38 which is adapted to be manipulated by an operator for moving the bolt in a position whereby its tongue or lug 35 will disengage from the lip 34 on the lid or cap 25, so that the latter when unlocked will automatically swing to open position by the action of the said spring 32, without requiring the user of the spittoon to manually lift the lid or cap for this purpose. When it is desired to close the spittoon, it will be necessary to manually shut the lid.

From the foregoing, it is thought that the construction and operation of the invention will be readily understood, without requiring a more extended explanation, and therefore the same has been omitted.

What is claimed is:

1. A spittoon of the class described, comprising a body having separable sections, one of said sections being formed with a contracted portion forming a seat, a separable flange removably engaged in said seat and detachably connected with the other section, an inner yielding gripping rim having an outturned flange interposed between the sections and frictionally engaged with the contracted portion of one of said sections, a funnel detachably connected to one of the sections, and a lid adapted to close said funnel.

2. A spittoon of the class described, comprising a body having separable sections, one of said sections being formed with an outturned flange, the other section being provided with a contracted portion forming a seat, a rim telescoping upon the contracted portion and engaging the seat formed thereby, an outturned flange formed on the said rim, catch devices passed through the flanges of the rim and said section, respectively, for locking the same together, an inner yieldable ring having an outturned portion detachably engaged by said devices and interposed between the flanges of the section and rim, the said ring being adapted to frictionally engage the contracted portion of one section, one of said sections being provided with a circular opening having notches in the wall thereof, a funnel having locking tongues engageable in the notches for locking the funnel in the section, a lid adapted to close said funnel and pivotally connected to the section supporting the same, and a spring latch for engagement with the lid to hold the same in closed position.

3. A spittoon of the class described, comprising a body having separable sections, one of said sections being formed with an

5 outturned flange, the other section being provided with a contracted portion forming a seat, a rim telescoping upon the contracted portion and engaging the seat formed there-  
10 by, an outturned flange formed on the said rim, catch devices passed through the flanges of the rim and said section, respectively, for locking the same together, an inner yieldable ring having an outturned  
15 portion detachably engaged by said devices and interposed between the flanges of the section and rim, the said ring being adapted to frictionally engage the contracted portion of one section, one of said sections  
being provided with a circular opening hav-  
ing notches in the wall thereof, a funnel

having locking tongues engageable in the notches for locking the funnel in the section, a lid adapted to close said funnel and pivotally connected to the section support- 20  
ing the same, a spring latch for engagement with the lid to hold the same in closed position, and gaskets interposed between the flanges of the rim, section and ring for forming a fluid tight juncture therebetween. 25

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

GUSTAVE STEINKE.

Witnesses:

CHARLES E. CONNOLLY,  
JOSEPH A. BLEB.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."

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