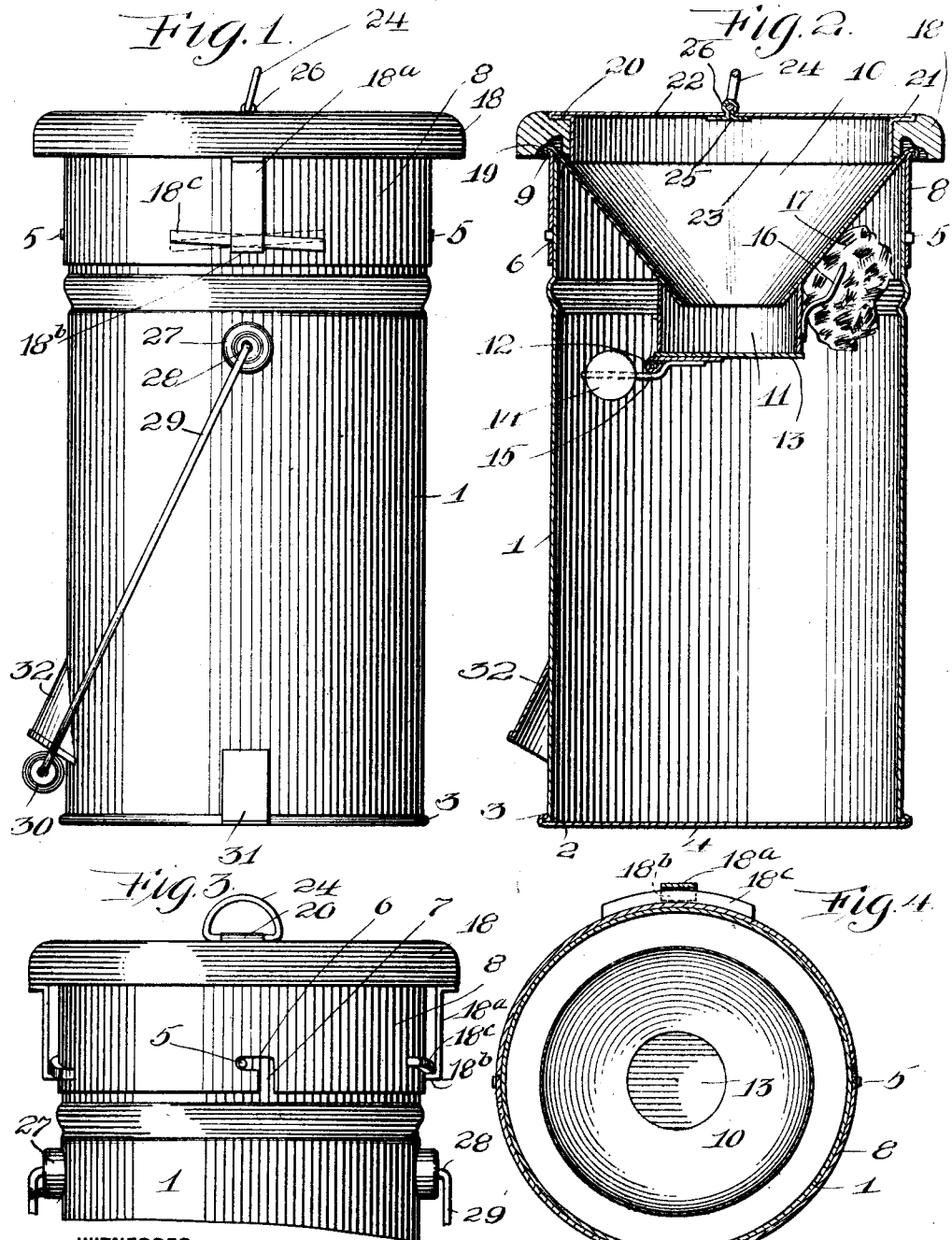


L. HOFER.
 SANITARY RECEPTACLE.
 APPLICATION FILED SEPT. 30, 1910.

1,037,625.

Patented Sept. 3, 1913.



WITNESSES

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LOUIS HOFER, OF PITTSBURGH, PENNSYLVANIA.

SANITARY RECEPTACLE.

1,037,625.

Specification of Letters Patent.

Patented Sept. 3, 1912.

Application filed September 30, 1910. Serial No. 534,666.

To all whom it may concern:

Be it known that I, LOUIS HOFER, a subject of the Emperor of Austria-Hungary, residing at Pittsburgh, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Sanitary Receptacles, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to a sanitary receptacle that can be used as a garbage can, portable commode, or as a receptacle for carrying or storing odorous matter.

The primary object of the invention is to furnish a receptacle with means in a manner as will be hereinafter set forth for rendering the receptacle airtight and sanitary, thus preventing the escape of gases or fumes from the receptacle and the infection and annoyance of persons in the vicinity of the same by fumes or gases that would otherwise escape from the receptacle if it were not airtight and provided with a disinfectant.

A further object of the invention is to provide a portable commode that can be advantageously used by juveniles, the commode being constructed of a size that can be conveniently used and yet easily carried when the commode is to be cleansed.

I attain the above objects by a mechanical construction that is extremely simple, durable and efficient for the purposes for which it is intended.

With this understanding of the principle of my invention, reference will now be had to the accompanying drawing forming a part of this specification, wherein like numerals of reference designate corresponding parts throughout the several views, and in which:—

Figure 1 is a side elevation of the receptacle, Fig. 2 is a vertical sectional view of the same, Fig. 3 is a front elevation of a portion of the receptacle, and Fig. 4 is a horizontal sectional view of the same.

The reference numeral 1 denotes a cylindrical metallic shell having the lower edge thereof reamed or flanged, as at 2 to receive the reamed or flanged end 3 of a flat metallic bottom plate 4. The outer wall of the shell 1 adjacent to the upper end thereof is provided with two diametrically disposed pins 5 and these pins are adapted to engage in the horizontal portions

6 of bayonet-shaped slots 7 formed in the lower edges of a collar 8, the said slots being diametrically opposed with the horizontal portion 6 of one slot the reverse of the horizontal portion of the other slot, whereby after the collar has been pushed downwardly with the pins 5 in the slots 7, a slight rotation of the collar 8 locks the same upon the upper end of the shell 1. The upper edges of the collar 8 are suitably connected, as at 9 to a funnel 10 adapted to extend downwardly in the shell 1. The lower end of the funnel 10 terminates in a sleeve 11 having the upper edges thereof soldered or otherwise secured to the funnel 10 at a point removed from the lower end of said funnel.

Hinged or pivotally connected to the lower edge of the sleeve 11, as at 12 is a flap valve or door 13 normally retained in a closed position upon the lower end of the sleeve 11 by a weight 14 suitably secured to an outwardly extending arm 15, carried by the valve or door 13 adjacent to the hinge or pivotal connection thereof.

The outer wall of the sleeve 11 is provided with a hook or other support 16 for a sponge or piece of absorbent material 17 adapted to hold in suspension a disinfectant, deodorant or other solution or matter that will tend to purify the contents of the gases or fumes that may arise from the contents of the shell 1.

Detachably mounted upon the upper edges of the funnel 10 is an annular seat or rim 18 having the under side thereof cut away or provided with an annular recess 19 providing clearance for the extreme upper edges of the funnel 10. The rim or seat 18 is provided with depending diametrically opposed clamping members 18^a having the lower ends thereof bent, as at 18^b to engage under cam-shaped ribs 18^c carried by the walls of the collar 8, the rib upon one side of the collar having an inclination the reverse of the rib upon the opposite side, as best shown in Fig. 1 of the drawing, whereby the clamping members 18^a can be easily swung into engagement with said ribs. The ribs 18^c are positioned intermediate the bayonet-shaped slots 7. The upper edges of the seat or rim 18 are rounded and provided with an annular seat 20 for the peripheral edges 21 of a lid or cover 22, said lid or cover having a depending flange or collar 23 snugly fitting

in the seat or rim 18. The lid or cover 22 is provided with a central pivoted link or handle 24 held in place by a rivet 25 having an eye 26.

5 The walls of the shell 1 are provided with diametrically disposed apertured bosses 27 for the ends 28 of a bail 29 having a handle 30. The shell 1 at the lower end thereof and directly beneath the bosses 27 is provided with angle foot pieces 31 and at a point between these foot pieces with a hand grip 32, said hand grip cooperating with the bail 29 in facilitating the emptying of the contents of the receptacle.

15 By placing the feet upon the foot pieces 31, the lid or cover 22 can be easily removed when it is desired to use the receptacle, and when the same is to be cleansed, the lower end of the shell 1 can be held while the rim or seat 18 is removed and then the collar 8. The size and shape of the receptacle permits of the same being used in the frame of a chair or without a chair, as the receptacle, with the exception of the rim or seat 18 25 which is made of wood, is made of metal capable of withstanding considerable weight.

What I claim is:—

A sanitary receptacle comprising a shell having a closed bottom and an open top, a collar surrounding the upper portion of the shell and further projecting above the top edge of the shell, a funnel extending over the top edge of and depending into the shell, means for connecting the top edge of the funnel to the top edge of the collar, an annular member having a groove in its lower face for the reception of the top of the collar and funnel, means carried by said member and detachably engaging with the collar for maintaining the rim in position, a flanged cover mounted upon the top and engaging the inner face of said member, a vertically disposed cylindrical sleeve inclosing and connected to the lower portion of the funnel, and valvular means for normally closing the inner end of the sleeve.

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

LOUIS HOFER.

Witnesses:

MAX H. SROLOVITZ,
C. T. HOOD.