

G. A. SLEIGHT.
 DISINFECTANT CONTAINER FOR TRAP GUARDS.
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1,260,082.

Patented Mar. 19, 1918.

Fig. 1.

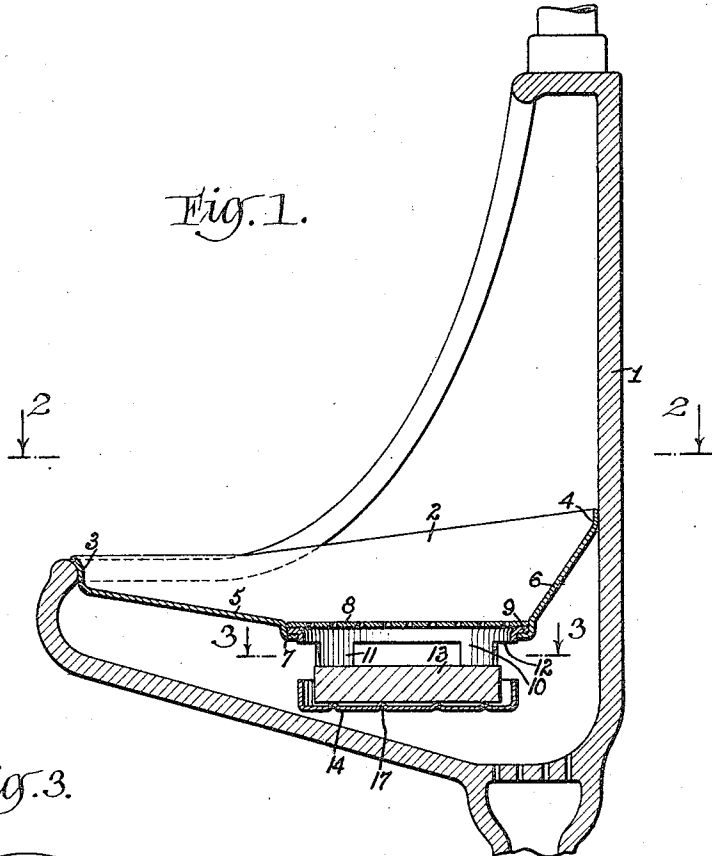


Fig. 3.

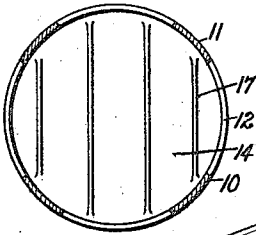
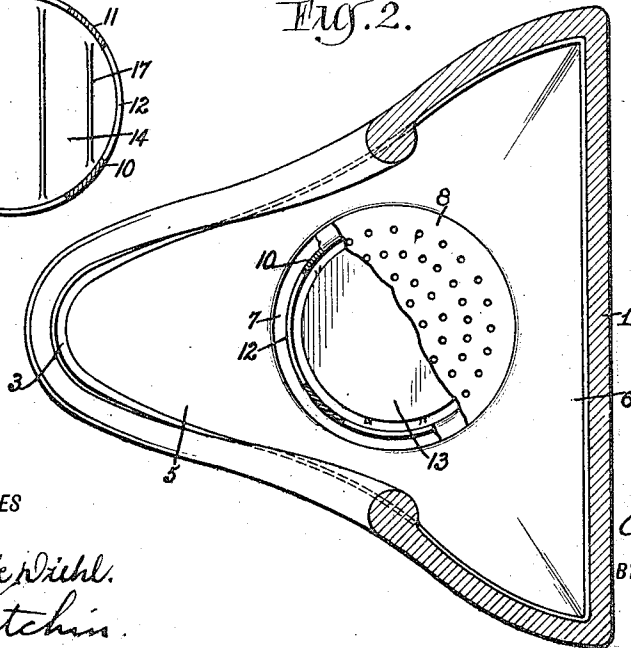


Fig. 2.



WITNESSES

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DISINFECTANT-CONTAINER FOR TRAP-GUARDS.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE A. SLEIGHT, a citizen of the United States, and a resident of Hyde Park, in the county of Dutchess and State of New York, have invented a new and Improved Disinfectant-Container for Trap-Guards, of which the following is a full, clear, and exact description.

This invention relates to containers for a disinfectant, and has for an object the provision of an improved construction and arrangement whereby the disinfectant may be caused to act not only as a disinfectant but as a deodorizing agent.

Another object of the invention is to provide a container or carrier of a particular type in connection with a trap for urinals whereby the disinfecting material is located in such manner as to produce the best results while not allowing any waste.

In the accompanying drawing:—

Figure 1 is a longitudinal vertical section through a urinal and a device embodying the invention.

Fig. 2 is a section through Fig. 1 on line 2—2.

Fig. 3 is a fragmentary sectional view through Fig. 1 on line 3—3.

Referring to the accompanying drawing by numerals, 1 indicates a urinal of any usual or preferred construction which accommodates the pan 2 having a slight flanged formation 3 fitting over the front while the rear is pressed at 4 against the rear end of the urinal, thus pinching the pan in place. The pan 2 is preferably made from a single piece of metal pressed so as to have side walls, as shown, merging into the diagonal bottom members 5 and 6, said bottom members terminating in a depressed portion or recess 7 which is in effect a shoulder. The depressed portion or shoulder 7 is sufficiently deep to accommodate the perforated guard plate 8 so that the same will form substantially a continuation of the bottom members 5 and 6 and also the flange 9 of the container 10.

The container 10 is provided with an upstanding annular wall 11 in which a plu-

rality of comparatively large openings 12 are arranged, said openings falling short of the top and bottom but providing ample space for the circulation of air and vapor, whereby the disinfectant 13 may freely act upon the vapor and not only produce the usual disinfectant results but de-odorize said vapor. The side wall 11 merges into a bottom 14 formed flat, as shown in Fig. 1, said bottom being provided with a plurality of beads 17 pressed up therefrom but falling short of the side wall 11, as shown in Fig. 3, said edges acting as a support for the disinfecting block 13. This construction will produce a pocket or cup-shaped structure in which some of the flushing water will remain and will dissolve some of the disinfectant so that upon the next flushing this will be removed and a new supply of water provided. In this way a small supply of liquid disinfectant is provided while the principal supply is arranged into a solid block, as shown at 13. From Fig. 1 it will be seen that the parts fit snugly together when in position for use but that the perforated plate 8 may be easily removed and also the entire container 10 for cleaning and for renewal of the disinfectant 13. If desired, the entire pan 2 may be removed, although this ordinarily is not necessary.

What I claim is:

As an article of manufacture for use in a urinal, a pan having a central opening, rear, side and front converging imperforate portions engaging said urinal, a depending container fitted into said central opening and engaging the pan so as to be supported thereby, said container being tubular in construction and formed with a plurality of comparatively large openings in the side walls thereof falling short of the bottom whereby there is provided a liquid containing recess in the lower part of the container, and spaced recessed portions in the bottom extending substantially across the bottom for allowing fluid to pass beneath an article arranged on the raised portions.

GEORGE A. SLEIGHT.