April 29, 1952 J. J. NUGENT 2,594,339

PORTABLE URINAL

Filed Aug. 14, 1948

Fig. 1

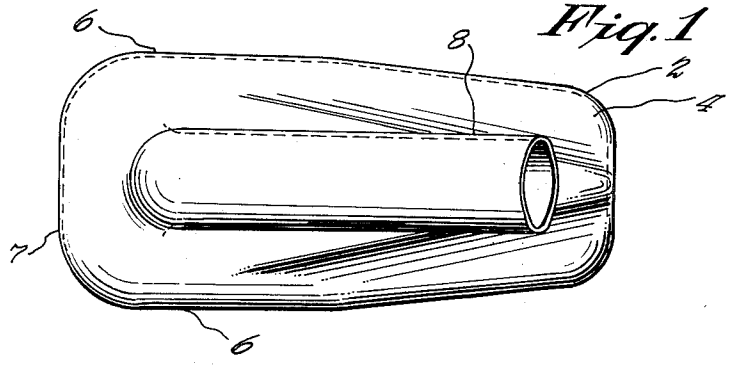


Fig. 3

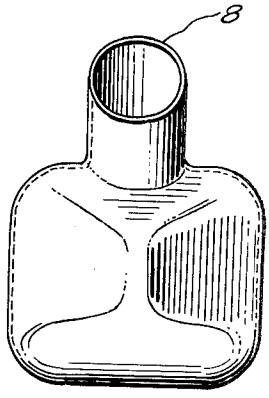


Fig. 2

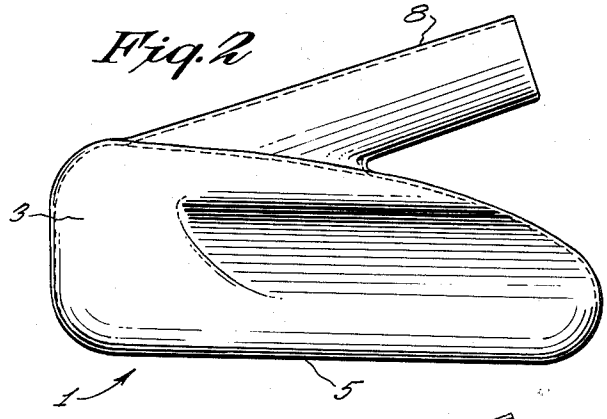
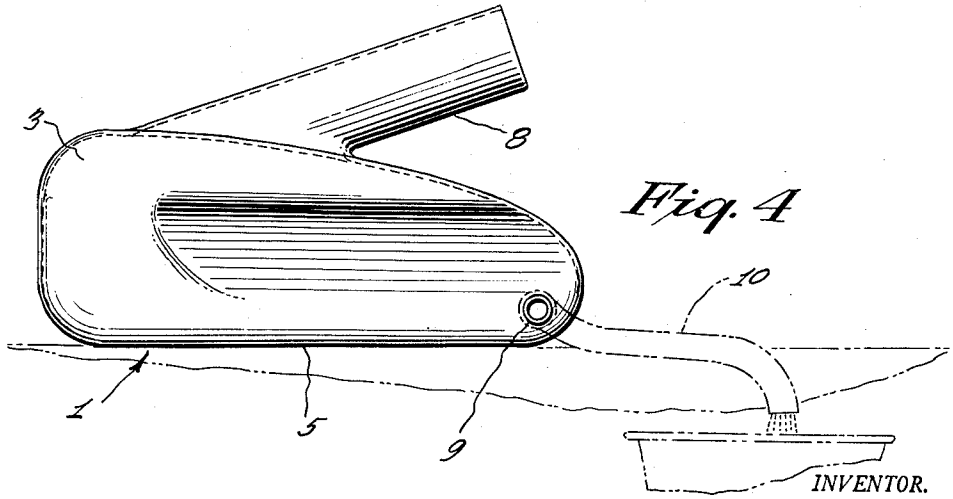


Fig. 4



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PORTABLE URINAL

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1 Claim. (Cl. 4—110)

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This invention relates to urinals for bed-ridden male patients.

It is a primary object of my invention to contrive a urinal which can be conveniently used, which has little tendency to be overturned, and which if turned on either side or on either end will not spill its contents.

It is an important feature of the present invention that the urinal comprises a closed, hollow body having a tapering rear end formed to fit partly beneath and partly between the thighs of a user in sitting, reclining, or semi-reclining posture, and having a comparatively wide and deep forward end and a generally flat stable bottom, together with a spout that extends upward and rearward for a convenient distance from the middle portion of the forward end of the top of the body. The spout is desirably of rigid construction, unitary with the body, so that it can conveniently be used as a carrying handle.

It is a further important feature of the invention that the urinal is free from crevices and angular corners, so that it can be readily flushed out and sterilized.

Other objects and advantages will hereinafter appear.

In the drawing forming part of this specification.

Fig. 1 is a plan view of an illustrative urinal embodying features of the present invention;

Fig. 2 is a view in side elevation showing the urinal of Fig. 1;

Fig. 3 is an elevational view of the urinal as seen from the rear end; and

Fig. 4 is a view similar to Fig. 2 of a modified form of urinal in which the drain is provided.

The urinal of Figs. 1 to 3 comprises a closed hollow body 1, having a tapered rear end 2, and a comparatively wide and deep forward end 3. The rear end tapers in height as well as thickness and has its upper side portions 4 formed with external concavities in which the legs of the user may rest. The bottom 5 is made wide and flat so that the urinal in its normal or upright position will be stable and will not be easily overturned. The sides 6 of the body are flat and parallel at the forward ends, the flat parallel faces desirably extending back to about the middle of the body. The forward end 7 of the body is of a generally flat construction.

There are no angles or seams within the body in which matter can accumulate and become rancid or putrefied. A spout 8 extends upward and rearward from the middle portion of the forward end of the top of the body. The spout

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is desirably integral with the body and of rigid construction. The spout terminates substantially in line with the rear end of the body or preferably a little in front of the rear end as illustrated.

The fact that the spout is entirely or substantially entirely located over the closed body is a very important feature in connection with the avoidance of spilling of the contents of the urinal.

With the construction described the urinal, when one-half filled, can be set on its base 5, its forward end 7 or either side 6 without spilling the contents.

The spout 8 enters the body at such an angle that when cleansing or sterilizing liquids are injected they are given a whirling motion which tends to promote the thoroughness of the cleansing treatment. The fact that the device is free from external protuberances makes it comfortable to use, and tends to avoid accidents such as spilling, breakage, or injury to the user.

The device can be made of any suitable materials such as glass, stainless steel, aluminum, enamelware, ceramics or plastics. Plastics having low coefficients of thermal conductivity, are considered preferable, because devices of these materials even though substantially colder than body temperature are not uncomfortable to the user.

While the urinal, when made of any of the materials referred to above, will be intended for repeated use, it would obviously be desirable for some purposes to provide a disposable, single use urinal. For such a purpose the device substantially as illustrated, may be molded of paper stock and surface treated internally to render it moisture impervious.

The urinal illustrated in Fig. 4 is exactly like the urinal of Figs. 1 to 3, with the exception that a small drain connection 9 is provided through the lower portion of one of the lateral walls of the body. This drain connection 9 is provided through the lower portions of one of the lateral walls of the body. This drain connection may have a flexible tube 10 attached to it so that the urinal continuously discharges into a vessel set beside or beneath the bed. Since, with the exception of the drain, the construction is the same as that of Figs. 1 to 3, no detailed description will be given of the structure of Fig. 4, but corresponding reference characters have been applied to corresponding parts, with the subscript *a* added in each instance.

I have described what I believe to be the best

embodiments of my invention. I do not wish, however, to be confined to the embodiments shown, but what I desire to cover by Letters Patent is set forth in the appended claim.

I claim:

An urinal comprising a closed, hollow body having a portion tapering to substantially a point formed to fit partly beneath and partly between the thighs of a user in sitting, reclining, or semi-reclining posture, and a comparatively wide and deep end, and a generally flat, stable bottom; a spout extending upward and toward said tapering portion for a convenient distance from the middle portion of the deep end of the body in spaced relation to the tapering portion of the body, said spout terminating at a point substantially directly above said tapering portion of the body.

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