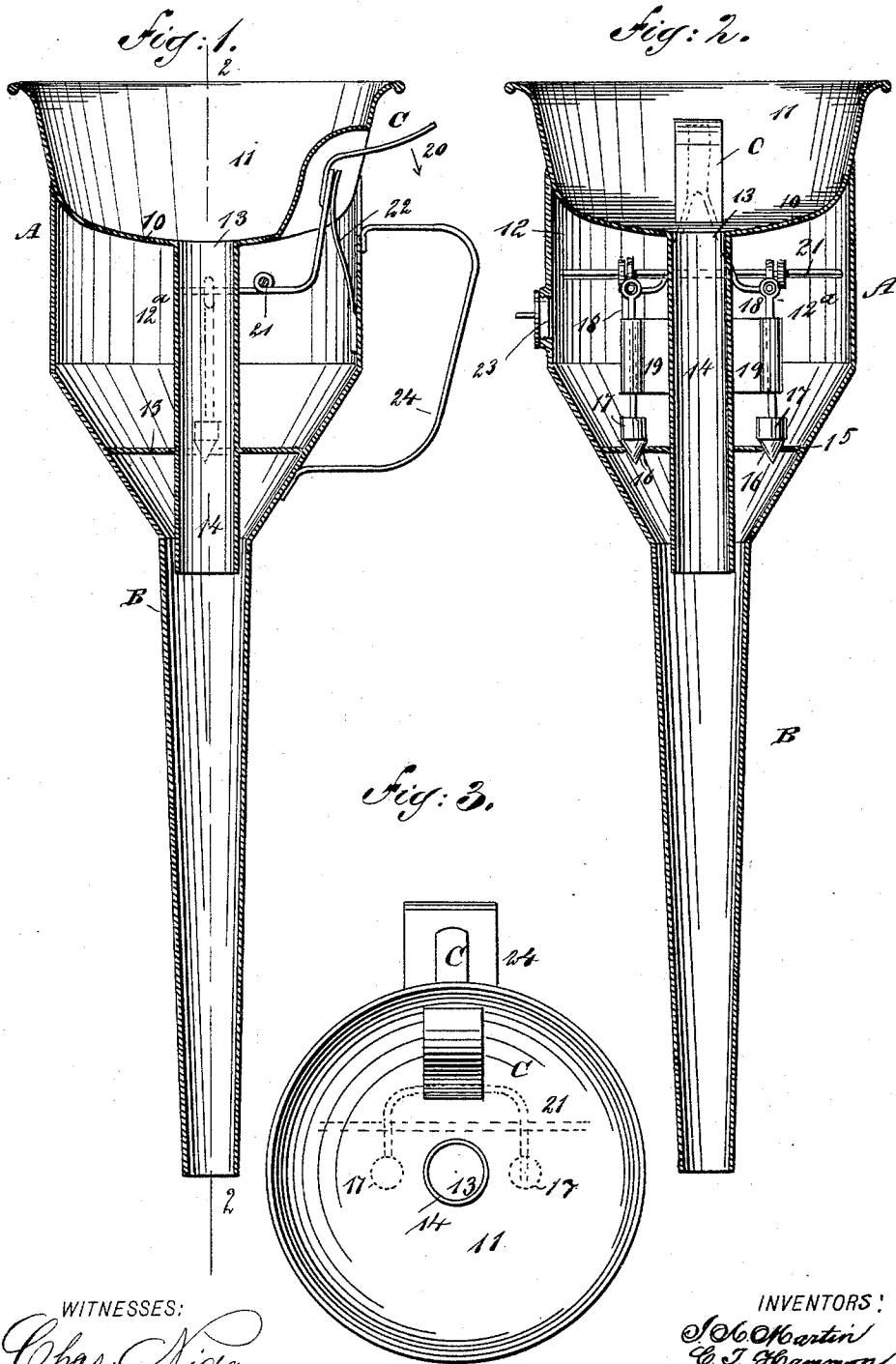


(No Model.)

I. A. MARTIN & C. T. HAMMON.
WATER CLOSET ATTACHMENT.

No. 485,960.

Patented Nov. 8, 1892.



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ISAAC A. MARTIN AND CHARLES T. HAMMON, OF OURAY, COLORADO.

WATER-CLOSET ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 485,960, dated November 8, 1892.

Application filed July 25, 1892. Serial No. 441,113. (No model.)

To all whom it may concern:

Be it known that we, ISAAC A. MARTIN and CHARLES T. HAMMON, of Ouray, in the county of Ouray and State of Colorado, have invented a new and Improved Water-Closet Attachment, of which the following is a full, clear, and exact description.

Our invention relates to an improved water-closet attachment, and has for its object to provide a device especially adapted for men's use; and the object of the invention is to construct a portable device adapted when used to be placed over the opening in the closet, which device will conduct the urine into the closet, and thus prevent the possibility of the seat becoming wet.

A further object of the invention is to construct the device in such manner that it may be charged with a disinfectant and the disinfectant be distributed along the contact-tube of the device whenever it becomes necessary and in a convenient and expeditious manner.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures and letters of reference indicate corresponding parts in all the views.

Figure 1 is a central longitudinal section taken through the device. Fig. 2 is a similar section taken on the line 2 2 of Fig. 1, and Fig. 3 is a plan view of the device.

The device consists of a body A and a spout B. The body A is hollow and is divided into two compartments by means of a partition 10—namely, an upper compartment 11 and a lower compartment 12. The partition 10 is transversely located, preferably, between the center and the top of the device, and the partition is provided with a concaved upper face and with a central opening 13, whereby any liquid placed in this compartment will speedily find its way to the central opening.

The lower end of the compartment 12 is preferably inclined downward and inward, representing somewhat the frustum of a cone, and to this portion of the body the spout B

is secured, the spout having direct communication with the lower portion of the body and extending downward therefrom.

A tube 14 is secured at its upper end to the wall of the opening 13 in the upper partition 10, and this tube extends downward through the lower compartment 12 into the upper portion of the spout B. The lower compartment 12, near its lower or contracted end, is provided with a transverse bottom board or plate 15, and this bottom board or plate is provided with openings 16, preferably two in number, and located one at each side of the tube 14. The bottom board or plate fits snugly up to the tube, and valves 17 of any approved construction are adapted to normally close the openings 16 in the bottom of the lower compartment 12, as shown best in Fig. 2. These valves may be raised in many different ways; but ordinarily they are lifted upward through the medium of stems 18, attached to the upper ends of the valves, the said stems having guided movement in sleeves 19, attached to the exterior of the tube 14, as likewise shown in Fig. 2.

The valve-stems are lifted through the medium of a lever C, the handle 20 whereof extends outward through an opening in the upper portion of the chamber 12, as shown in Fig. 1. The lower portion of the lever is bifurcated and the members are brought practically to an L shape. Their extremities are attached to the valve-stems, as shown in Fig. 2, and the members of the lever are fulcrumed upon a rod 21, extending across the compartment.

The valves are normally held in their closed position by means of a spring 22, of any desired shape, secured to the wall of the lower compartment at one end and having a bearing against the lever at its opposite end. The upper compartment 11 is adapted to receive the urine and the lower compartment 12 is intended to be filled with a disinfectant of any description, preferably in powder form, and the disinfectant is placed in the compartment 12 through a capped opening 23, which is ordinarily produced in one side.

The body of the device is provided with a handle 24, by means of which it may be readily held with one hand, and this handle

may have a chain attached to it, so that the device may be conveniently hung up in the closet.

In the use of this device it is employed to conduct into the closet the urine it receives, and thus prevent wetting the seat. It is intended solely for the use of men, and the urine will quickly and freely pass from the upper receiving-compartment 11 through the tube 14 into the spout, and the disinfectant may be permitted to flow with the urine by simply pressing down the lever C, which will raise the valves 17 and permit the disinfectant to escape through the openings 16 in the spout, it passing around the tube 14 at the lower end thereof, and whenever it is found necessary the device may be disinfected, even when not in use, by the manipulation of the lever.

We desire it to be distinctly understood that we do not confine ourselves to the form of valve shown nor to the manner in which the valves are manipulated, as a sliding valve or a pull-valve may be employed instead of the lift-valve illustrated.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

1. A closet attachment, the same consisting of a hollow body, a spout emanating from the body, the body being divided into two compartments, the upper compartment being in direct communication with the spout, and valved openings contained in the lower compartment and leading into the spout, as and for the purpose specified.

2. In a device for the purpose described,

the combination, with a hollow body and a spout located at one end of the body, of a partition dividing the body into two compartments, the upper compartment adapted to contain a liquid and the lower compartment a disinfectant, the bottom of the lower compartment being provided with openings, a tube connecting the upper compartment with the spout, the tube being of less diameter than the spout, valves closing the openings in the bottom of the lower compartment, and a lever controlling the movements of the valves, substantially as shown and described, whereby a liquid placed in the upper compartment while passing through the device and through the spout may have a disinfectant commingled therewith by the manipulation of the valves, as and for the purpose specified.

3. In a closet attachment, the combination, with a tubular body divided into two compartments, a fluid-receiving compartment and a compartment to hold a disinfectant, and a spout connected with one end of the body, of a tubular connection between the liquid-receiving compartment and the spout, valves normally closing openings in the disinfectant-compartment, said openings leading to the spout, and a means, substantially as shown and described, for manipulating the said valves from the exterior of the said device, as and for the purpose specified.

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