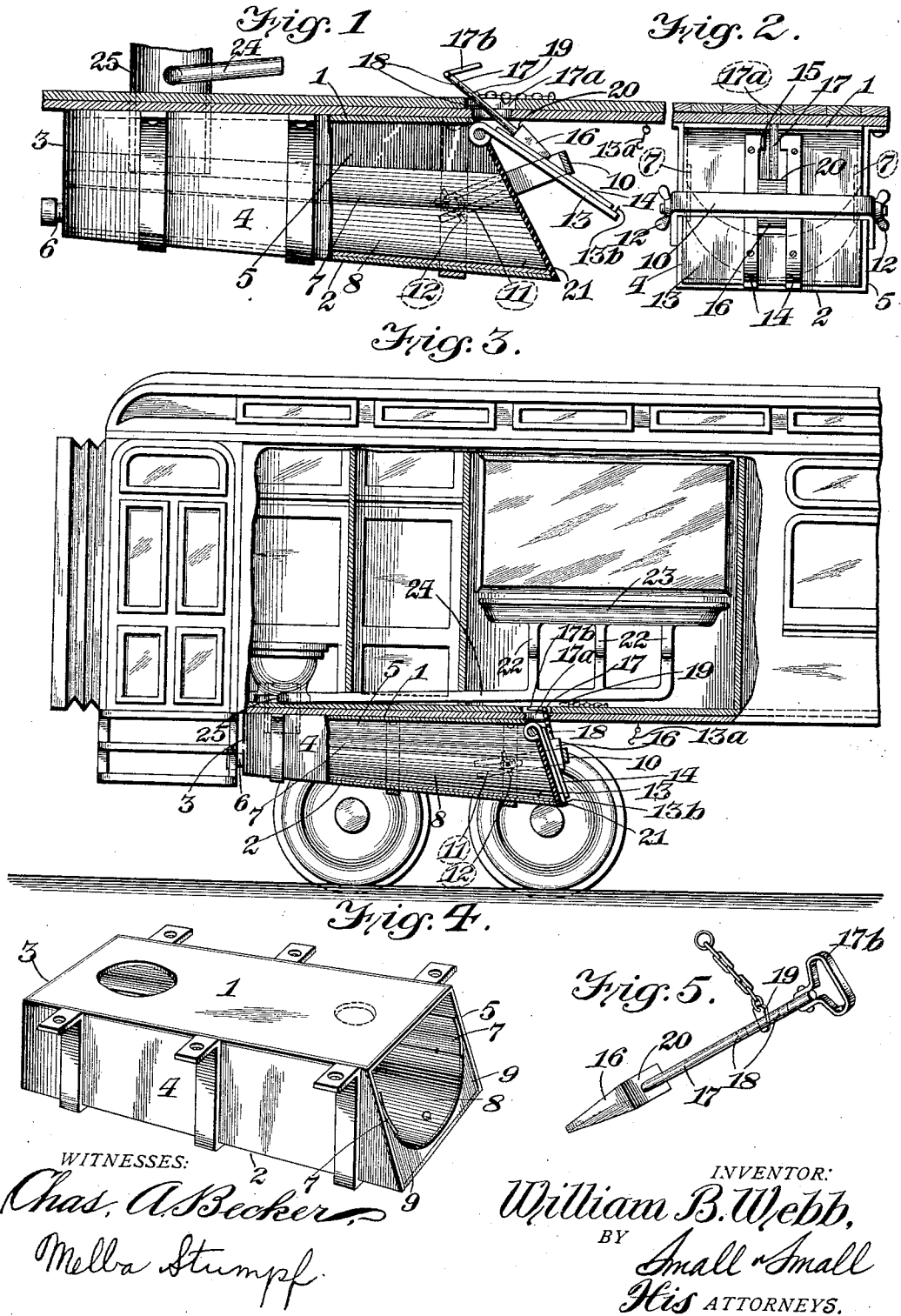


W. B. WEBB.
ATTACHMENT FOR DRY AND WATER CLOSETS.
APPLICATION FILED APR. 20, 1912.

1,042,061.

Patented Oct. 22, 1912.



WITNESSES:
Chas. A. Becker
Melba Stumpf

INVENTOR:
William B. Webb
BY *Small & Small*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

WILLIAM B. WEBB, OF PADUCAH, KENTUCKY.

ATTACHMENT FOR DRY AND WATER CLOSETS.

1,042,061.

Specification of Letters Patent.

Patented Oct. 22, 1912.

Application filed April 20, 1912. Serial No. 692,164.

To all whom it may concern:

Be it known that I, WILLIAM B. WEBB, a citizen of the United States of America, residing at Paducah, in the county of McCracken, State of Kentucky, have invented a new and useful Attachment for Dry and Water Closets, of which the following is a specification.

This invention relates to mechanical devices which may be employed with either dry or water closets, particularly on steam and electric railway cars, whereby the use of the same by a number of people and for a considerable period of time does not become apparent or offensive.

A further important feature lies in the provision of means whereby the wash-bowls, commonly found in an apartment situated adjacent to the room in which the closet is located, can be used while the train is in a depot or within the corporate limits of a city without such use becoming apparent to those outside the car.

Simplicity, cheapness in point of manufacture, ease of attachment, practical utility and cleanliness are features of the device. Means are provided whereby the surface upon which the debris is directed may be quickly and with ease removed for thorough cleansing and sanitation and the construction is such that no one save the porter of the car, or other employee, can in any manner operate the device to release the tank-contents.

The foregoing desiderata I attain through the construction and arrangement of parts illustrated in the accompanying drawing, in which—

Figure 1 is a side elevation of the device as attached beneath a closet, one wall being broken away to disclose the interior, the gate being open, and the wedge-shaped locking member being retained by an anchored pin against the inner floor of a railway coach; Fig. 2 an end elevation illustrating the means for locking and releasing the gate of the tank, means to guide said wedge-shaped member, and a means for supporting said tank in position; Fig. 3 depicts the device attached to the under flooring of a coach, one wall of the tank being broken away, the gate closed, and the head of the rod operating said gate lying unnoticed within a complementary slot provided in the

flooring; Fig. 4 a perspective serving to disclose a removable trough disposed within the tank, the gate being removed for purposes of illustration; and Fig. 5 a view of the gate-controlling rod, its swiveled handle, and the detachably secured wedge-shaped locking member.

Throughout the several views like numerals refer to like parts.

1, 2, 3, 4, and 5 designate the top, bottom, end and side walls, respectively, of the capacious rhomboidal reservoir-tank. In end wall 3, or other convenient location, is provided a screw-capped opening 6, through which a hose or steam jet may be projected to thoroughly flush and cleanse every portion of the interior of said tank, while flanges 7 disposed upon the inner face of side walls 4 and 5 serve as guides for and frictionally retain a removable trough 8, provided with lugs 9, which covers the entire bottom of the tank. Adjustably and detachably secured upon a portion of the outer face of said side walls and extending across what may be termed the front of the tank is a belt of metal 10, having slotted extremities 11 in which work the shanks of thumb-screws 12. Upon the outer face of gate 13 and extending substantially from top to bottom thereof are guides 14, each provided with a foot or lug 15 and adapted to confine the reciprocal movement of wedge-shaped locking member 16 which is adjustably and detachably secured to one extremity of a rod 17. Said rod extends upward through a small opening 17^a provided in the flooring of the coach and is surmounted by a swiveled ring or handle 17^b which, when said gate is closed, lies unnoticed within a complementary groove in said flooring. A small slot 18, or a plurality of such slots, may be provided through said rod wherein an anchored pin 19 may be inserted to lock wedge 16 out of contact with its bearing surface belt 10, and it will be noted that when heel 20 of said wedge is brought against feet 15 of guides 14 the effect is to swing outward and upward gate 13, so retain it, and permit the free escape of the tank-contents.

The bottom 2 is sufficiently pitched to induce the contents of the tank to flow against gate 13 and thus the receptacle may be effectually emptied when said gate is held or locked open, but when wedge 16 is forced

down between guides 14 and bears against belt 10, the gate is most securely closed against its rubber or leather facing or washer 21, disposed either upon the thickness of walls 2, 4 and 5 (as illustrated) or upon the margin of the inner face of said gate, no leakage ensues and the stool of the toilet-room may be used by a number of persons and for long intervals without such use being apparent or offensive and without the necessity of emptying the tank.

While the parts of the device are in normal operative position it is obvious that wedge 16 will be retained within the guides 14, rod 17 having no great freedom of movement within the slots 17^a; but when it is desired to remove trough 8 from the tank interior, belt 10 is released from engagement with thumb-screws 12 and immediately removed, and wedge 16 may then be slightly lifted and quickly unscrewed (or otherwise detached) from its rod, so permitting gate 13 to be retained wide open through the agency of hook and eye 13^a, 13^b, (or other suitable members) and the subsequent withdrawal of the trough.

Referring to Fig. 3, it will be seen that drain pipes 22 of wash-bowls 23 are connected with an inclined pipe 24 which, preferably, empties into the bowl-discharge 25 of the closet, and through this contrivance it will be clear that passengers on railway coaches may be allowed use of said bowls without any annoyance to those passing the exterior of the train or soiling the road-bed.

While the drawing forming part of this specification illustrates one embodiment of my invention, it will be understood that I do not intend to be limited to the specific details shown therein, and the right is reserved of making such various changes, alterations and modifications in the devices herein described and illustrated as may fall within the scope of the appended claims.

What I claim as new and desire to secure by Letters Patent is:—

1. An attachment for use with dry or water closets comprising a tank, a gate at one end thereof, a member adapted to move against said gate, and an adjustable and detachable bearing surface, said member and bearing surface co-acting to close and lock said gate, means for opening said gate, and devices for retaining the same open.

2. An attachment for use with dry or water closets comprising a tank disposed beneath the floor of such closet, a gate at one end thereof, a member adapted to move against said gate, a rod connected with said member, and an adjustable and detachable bearing surface, said member and bearing surface co-acting to close and lock said gate, said rod projected through said floor, means for opening said gate, and devices for retaining the same open.

3. An attachment for use with dry or water closets comprising a tank, a gate at one end thereof, guides upon said gate, lugs arranged in the path of said guides, a member adapted to move within said guides, means for securing said member against said gate, and devices for retaining open said gate.

4. An attachment for use with dry or water closets comprising a tank disposed beneath the floor of such closet, a gate at one end thereof, guides upon said gate, lugs arranged in the path of said guides, a member adapted to move within said guides, a rod connected with said member, said rod projected through said floor, means for securing said member against said gate, and devices for retaining open said gate.

WILLIAM B. WEBB.

Witnesses:

INEZ PARKER,
D. MIKE OLIVER.