No. 725,050. PATENTED APR. 14, 1903.

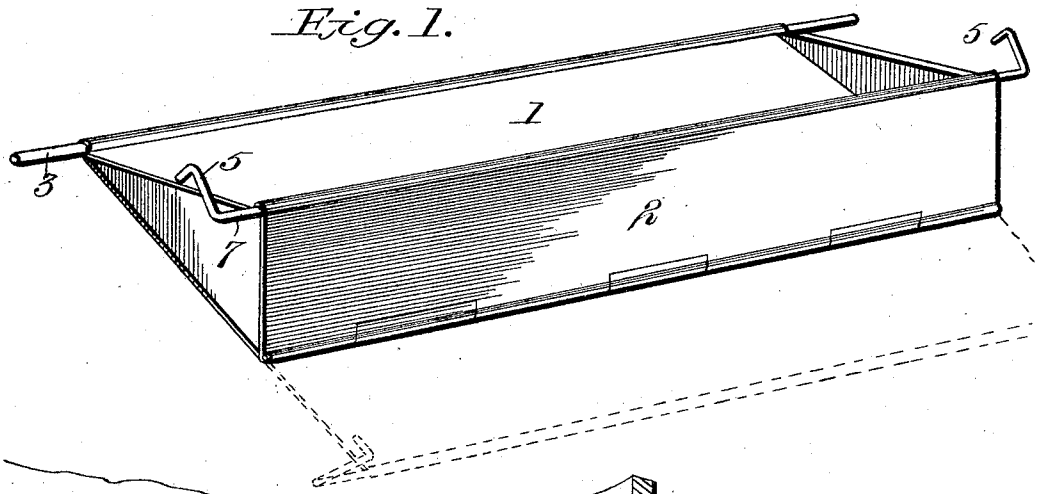
S. DAVIS.

DRY CLOSET.

APPLICATION FILED AUG. 2, 1902.

NO MODEL.

Fig. 1.



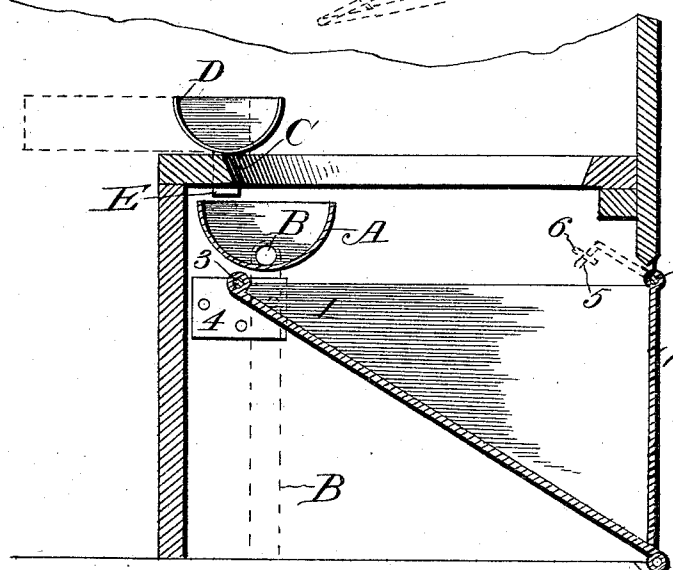
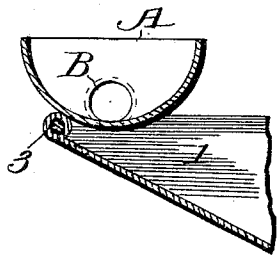
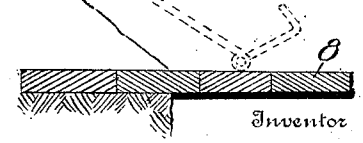


Fig. 2.

Fig. 3.





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Witnesses

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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

SAMUEL DAVIS, OF SHERMAN, TEXAS, ASSIGNOR OF ONE-HALF TO A. HANSON, OF SHERMAN, TEXAS.

DRY CLOSET.

SPECIFICATION forming part of Letters Patent No. 725,050, dated April 14, 1903.

Application filed August 2, 1902. Serial No. 118,187. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL DAVIS, a citizen of the United States of America, residing at Sherman, in the county of Grayson and State of Texas, have invented certain new and useful Improvements in Dry Closets, of which the following is a specification.

This invention relates to baths and closets, and particularly to that class known as "dry closets."

The object of the invention is to produce an attachment for ordinary privies in which the urine is carried off before it comes into contact with the other discharges, thereby permitting the discharges to dry.

Furthermore, the object of the invention is to provide means for the ready removal of the discharges without unduly agitating same or without employing receptacles.

Furthermore, the object of the invention is to provide a urinal which is applicable to ordinary seats, said urinals being pivoted to swing from side to side in order that they may be properly positioned for use.

Furthermore, the object of the invention is to produce an attachment of the character noted which will possess advantages in points of simplicity and efficiency, proving at the same time comparatively inexpensive.

With the foregoing and other objects in view the invention consists in the details of construction and in the arrangement and combination of parts to be hereinafter more fully set forth and claimed.

In describing the invention in detail reference will be had to the accompanying drawings, forming part of the specification, and wherein like characters denote corresponding parts in the several views, and in which—

Figure 1 is a view in perspective of the attachment. Fig. 2 is a sectional view of a privy with the attachment applied. Fig. 3 is a detail view showing the urine-trough supported by the receptacle.

In the drawings, 1 indicates a receptacle, which with the hinged rear wall 2 forms a trough which is angular in cross-section. The inner upper edge of the receptacle is provided with a rod 3, over which the edge of the receptacle is bent. Said rod, projecting at each end to enter the holes formed in the sides of the privy or bracket 4, may be provided on the inner surface of the sides to support the ends of the rod. The inner wall of the receptacle is supported on an incline, while the hinged rear wall stands in a vertical plane. Hooks 5 are provided which are supported by the eyes or staples 6. The hooks 5 are formed by a continuation of the rod 7, over which the upper edge of the hinged wall is curved. As will be seen from the drawings, the receptacle is suspended by the rod of the front wall and the hooks of the hinged wall.

I prefer to have a trench dug over which the edge of the rear wall projects when it is in its last-described position in order that the contents may be directed to the trench, which being provided with a close-fitting cover 8 odors may not escape. I may also use lime or other sanitary agent for increasing the consumption or evaporation of the deposit. If desired, the inner wall may be supported by the rod, as stated, and the rear portion of the receptacle may rest on the ground; but this may be left to the requirements when the attachment is applied.

The urinal consists of a trough A, which is attached under the seat to project beyond the edge of the holes, and the urine is caught thereby and flows out through the pipe B to any suitable deposit. Holes C are formed in the seat to one side of the holes, and catch-troughs D have stems E passing through the holes over the trough A, so that the urinals may be swung around in front of the holes when desired and could thus be used by a person crouched on the seat, which provision is very important when persons who are adverse to occupying the seats of public places is taken into account. The trough D is shown in dotted lines swung out from the seat, in which position it may be placed when used as a urinal alone or when the occupant desires to sit on the seat. If desired, the trough A may be supported by attaching same to the inner edge of the receptacle, as shown in Fig. 3.

The construction, operation, and advantages will, it is thought, be understood from the foregoing description, it being noted that

various changes may be made in the proportions and details of construction for successfully carrying the invention into practice.

Having fully described the invention, what I claim as new, and desire to secure by Letters Patent, is—

In a dry closet, a housing, a receptacle, a rod projecting from the ends thereof, whereby said receptacle is secured to the housing, a trough in front of the receptacle and catch-troughs pivoted to a closet-seat and projecting therethrough and discharging into the first-named trough.

In testimony whereof I affix my signature, in the presence of two witnesses, this 16th day of June, 1902.

SAMUEL DAVIS.

Witnesses:
J. E. NOWLIN,
T. L. TENNISON.