(No Model.)

E. N. McKIMM.

WARDROBE SHOWER BATH.

No. 255,317. Patented Mar. 21, 1882.

Fig. 3.

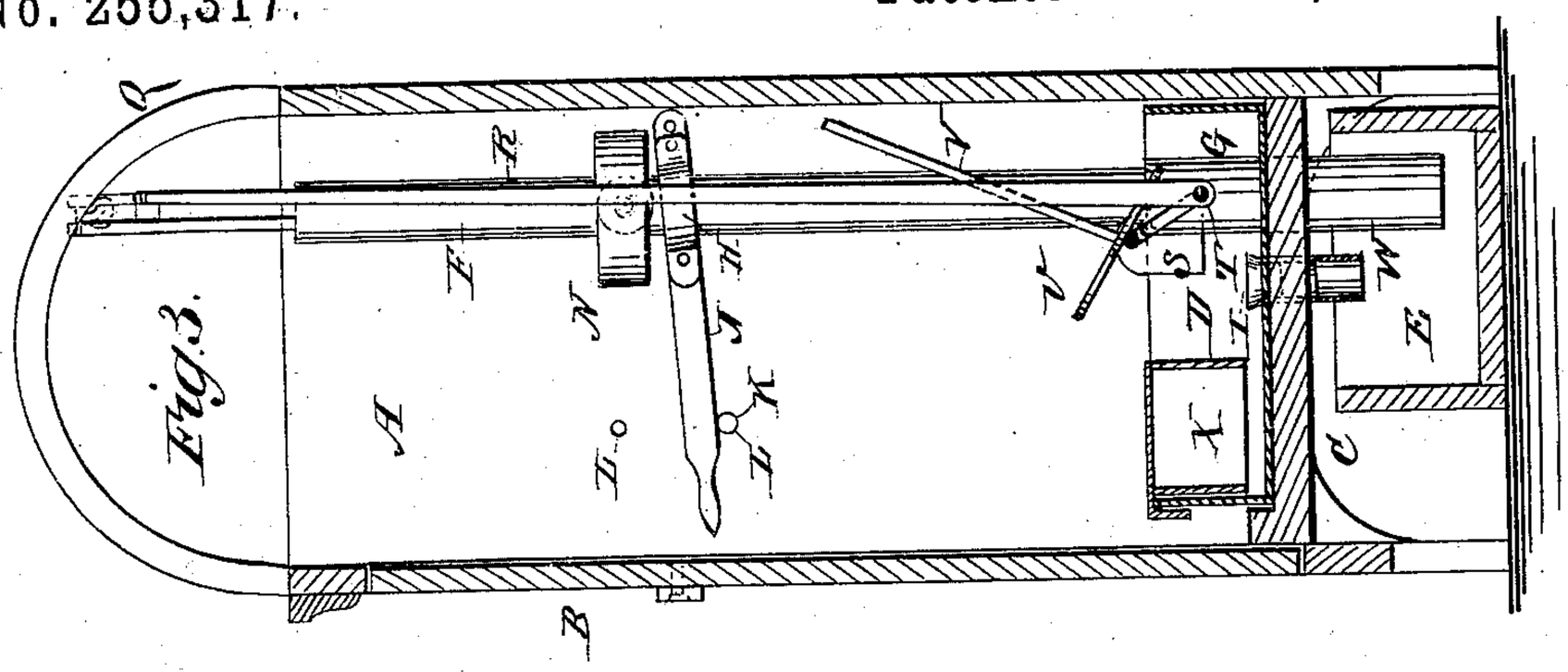


Fig. 2.

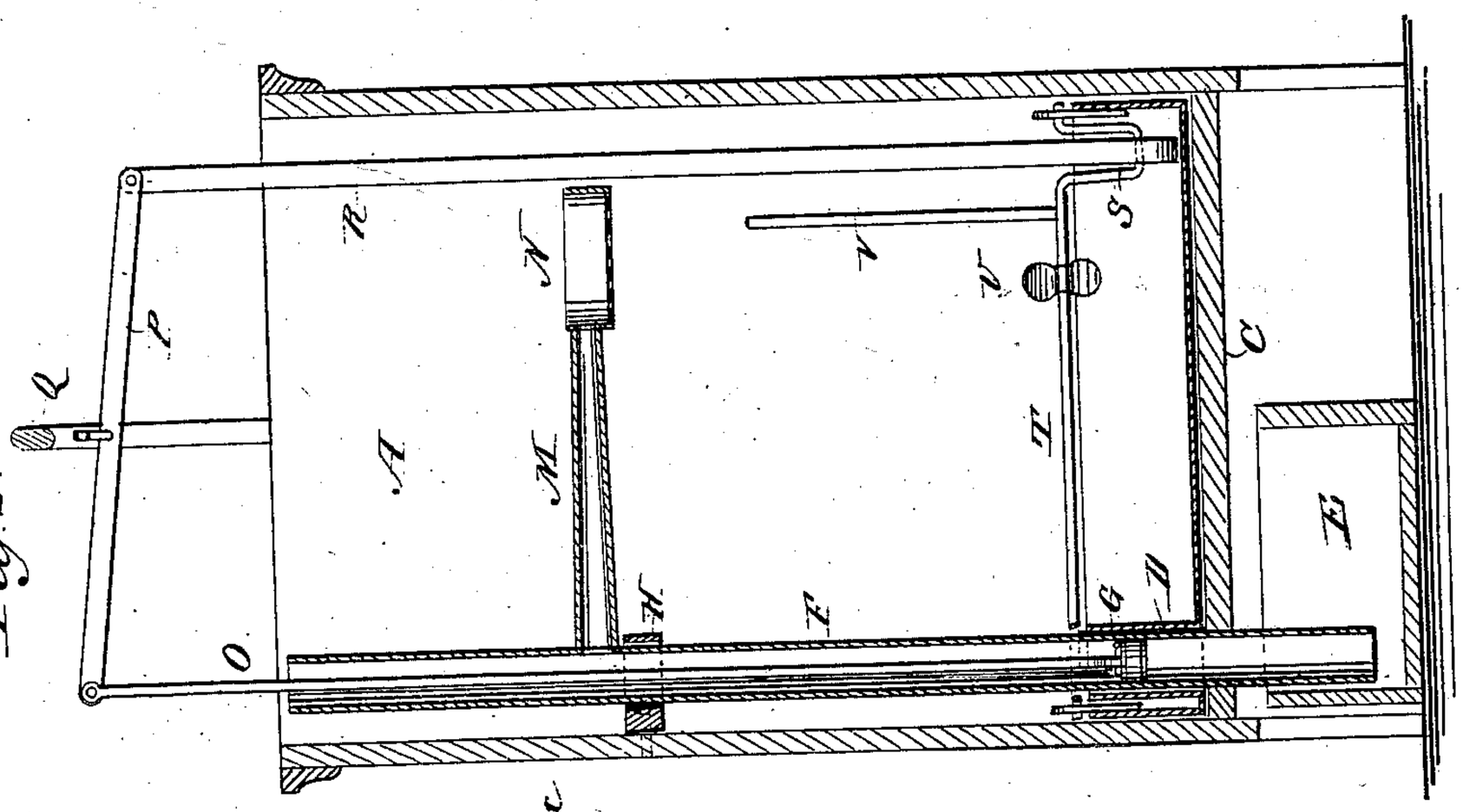
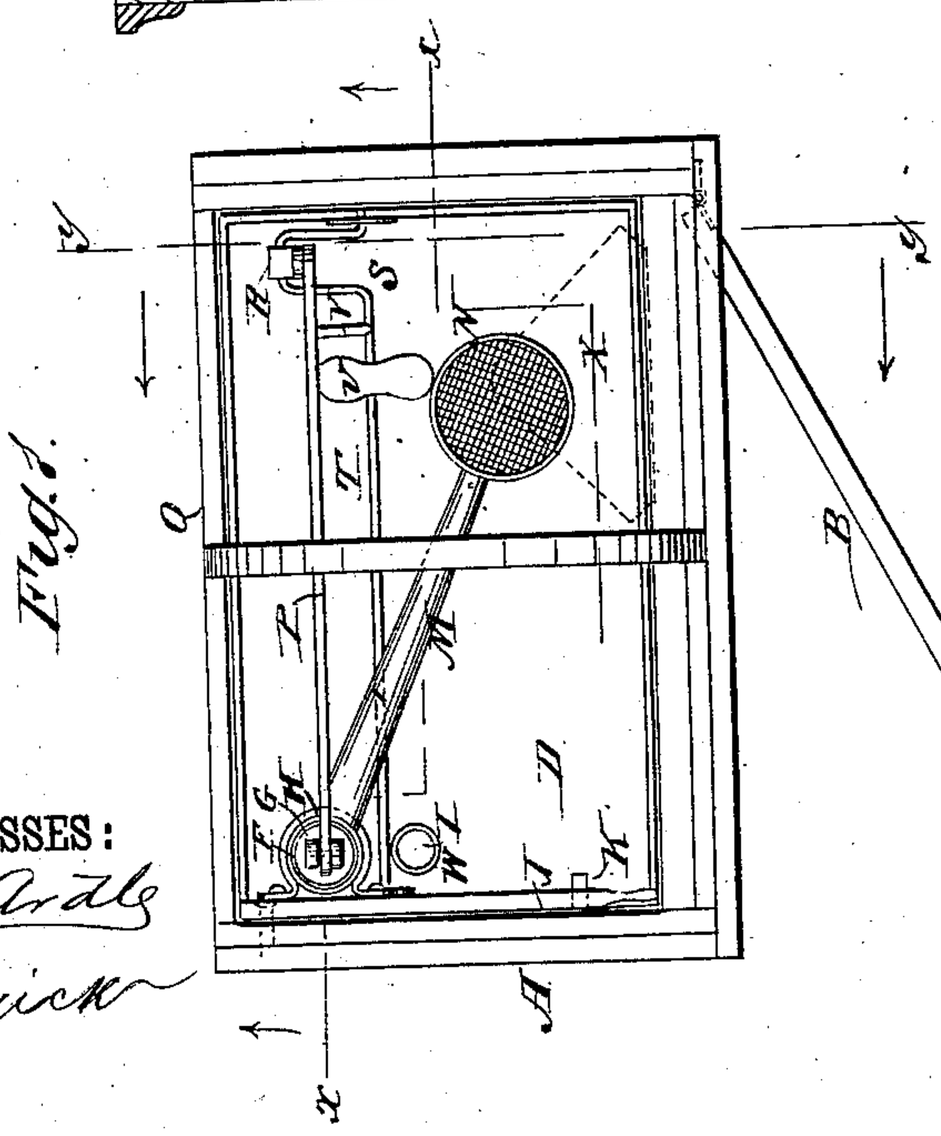


Fig. 1.



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EDGAR N. McKIMM, OF LATHROP, MISSOURI, ASSIGNOR TO HIMSELF, JAMES D. L. PARKS, CORNELIUS H. KELSEY, AND JAMES T. PARSHEL, ALL OF SAME PLACE.

WARDROBE SHOWER-BATH.

SPECIFICATION forming part of Letters Patent No. 255,317, dated March 21, 1882.

Application filed November 26, 1881. (No model.)

To all whom it may concern:

Be it known that I, EDGAR N. McKIMM, of Lathrop, in the county of Clinton and State of Missouri, have invented a new and Improved Wardrobe Shower-Bath, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved shower-bath which will occupy but very little space, and which requires but a small quantity of water, thereby avoiding the great waste of water accompanying ordinary shower-baths.

The invention consists in a wardrobe or casing provided with a pump held in a collar or ring attached to a pivoted lever resting on a pin in the side of the casing, whereby the pump-tube can be raised to place a vessel containing water below it, and then can be lowered into this vessel. The sucker-rod is pivoted to a pivoted beam provided with a rod pivoted to a crank-shaft provided with a treadle and a handle-rod.

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

Figure 1 is a plan view of my improved shower-bath. Fig. 2 is a longitudinal sectional elevation of the same on the line *x x*, Fig. 1. Fig. 3 is a cross-sectional elevation of the same on the line *y y*, Fig. 1.

The shower-bath is contained in a casing, A, resembling a wardrobe in appearance, and provided with a door, B. The bottom or floor C of this casing A, which supports a metal or other water-proof tank, D, must be such a distance above the floor of the casing that a vessel, E, from which the water is pumped and into which the drip-water flows, can be placed under the floor, as shown in Figs. 2 and 3. A pump tube or cylinder, F, extends from near the top of the casing down through a sleeve, G, in the tank D, and through the floor C into the vessel E. This pump-tube F is held by a collar or band, H, passing around it and attached to a lever, J, pivoted to the side of the casing, and having its free end resting on a pin or stud, K, which may be adjusted higher or lower by pressing it into a higher or lower aperture, L, in the sides of the casing A. The pump-tube F can thus be adjusted higher or lower. This pump-tube F is provided with a spout or arm, M, at the end of which there is a sprinkler, N, or perforated basin. The piston-rod O of the pump is pivoted to one end of a walking-beam or lever, P, pivoted to a curved cross-bar, Q, of the casing A. To the other end of this lever P a rod, R, is pivoted, extending downward and pivoted to a crank, S, of a shaft, T, journaled in the sides of the tank D. This shaft T is provided with a double treadle-plate, U, and with a handle-rod, V. The tank D is provided with a waste-water tube, W, which can be closed by a stopper, I, through which tube W the water in the tank D flows into the vessel E. A removable bracket-step, X, has its top turned over to form a hook for holding it on the side of the tank D.

The operation is as follows: The vessel E, containing water, is placed under the casing A, and the tube W is closed by means of the stopper I. The person taking the bath rests one foot on the bracket-step X and the other on the treadle-plate U, and then seizes the handle-rod V. By pulling this handle-rod to and fro, and at the same time pressing alternately on the opposite ends of the treadle-plate U, the shaft T will be rocked. This gives a reciprocating movement to the rods R and O, whereby the pump will be operated, the water flowing through the spout or tube M into the sprinkler or perforated pan or basin N, from which it showers down upon the person in the casing A—that is, upon the person operating the pump. If an invalid is to be bathed, the shaft T is removed, and the pump is operated by means of the rod R directly by another person. The pump-tube is raised by means of the lever J to permit placing the vessel E under the casing or wardrobe A, and when this vessel is in position the pump-tube is lowered again.

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

1. The combination, with the wardrobe A B C, of the metallic tank D, having the sleeve G, the reservoir-vessel E, arranged under the

casing, the pump-tube F, the band H, the lever J, and the adjustable stud K, as shown and described.

2. In a wardrobe shower-bath, the combination, with the pump-tube F, provided with the rods O and R and the beam P, of the tank D, provided with a sleeve, G, for the pump-tube, substantially as herein shown and described, and for the purpose set forth.

3. In a wardrobe shower-bath, the combination, with the pump-tube F, of the collar H, surrounding and supporting it, the pivoted lever J, to which the collar H is attached, and the pin K, fitting in apertures L in the sides of the casing A, for the purpose of supporting the end of the lever J, substantially as herein shown and described, and for the purpose set forth.

EDGAR N. McKIMM.

Witnesses:
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