B. E. BEURMANN.

BUNG ATTACHMENT FOR WASHTUBS.

APPLICATION FILED MAY 31, 1917.

1,311,745. Patented July 29, 1919.

Fig. 1.

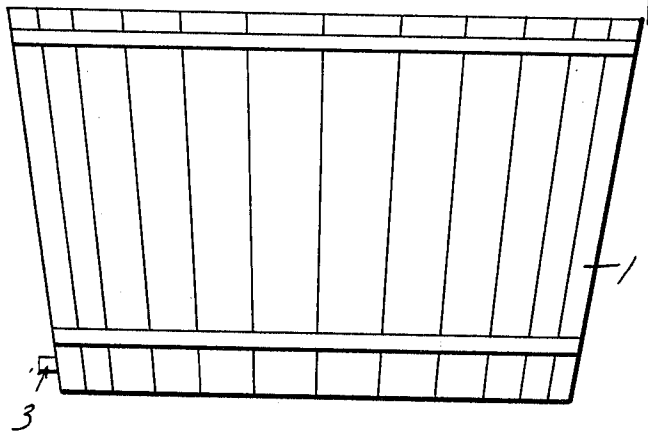


Fig. 2.

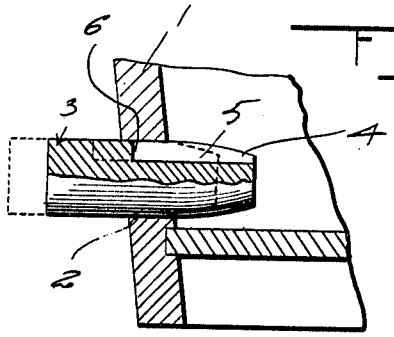


Fig. 4.

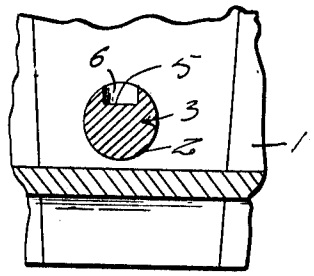
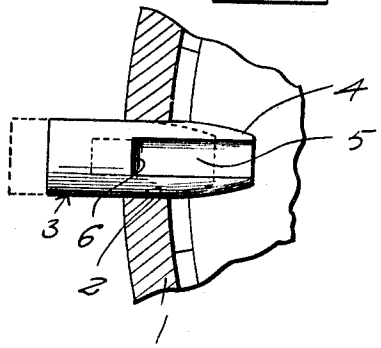


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

BLANCHE E. BEURMANN, OF BRIGHTON, MICHIGAN.

BUNG ATTACHMENT FOR WASHTUBS.

1,311,745. Specification of Letters Patent. Patented July 29, 1919.

Application filed May 31, 1917. Serial No. 171,995.

To all whom it may concern:

Be it known that I, BLANCHE ELIZA BEURMANN, a citizen of the United States, residing at Brighton, in the county of Livingston and State of Michigan, have invented certain new and useful Improvements in Bung Attachments for Washtubs; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in bung attachments for wash tubs.

The primary object of the invention is to provide a plug or bung adapted for use in connection with a wash tub or similar receptacle, this bung being adapted to be inserted through a circular opening through the wall of the tub and being provided with a longitudinally extending groove, this groove extending from the inner end of the bung and being provided at its outer end with a straight wall extending radially of the bung whereby, by moving the bung outward the proper distance to bring the outer end thereof beyond the outer surface of the tub the water may be drained from the tub so as to be discharged downwardly in a substantially vertical stream when the groove is turned downwardly so as to prevent spraying or splashing of the water being drained from the tub.

A further object of this invention is to provide a device of this character, which will be simple, practical and comparatively inexpensive in construction and one that can be manufactured and sold at a low cost.

With these and other objects in view the invention consists in the novel combination and arrangement of parts hereinafter more full described and set forth in the claim hereto appended.

In the drawing—

Figure 1 is a side elevation of a wash tub equipped with my improved bung made in accordance with this invention,

Fig. 2 is a detail fragmentary sectional view of the tub illustrating the bung partly in section and the manner in which it is applied thereto,

Fig. 3 is a top plan view of the bung with the tub in section to further illustrate the manner in which the bung is constructed, and

Fig. 4 is a fragmentary sectional view looking from the inside of the tub to illustrate the passage in the bung.

Like numerals of reference designate corresponding parts in all the figures of the drawing.

Referring to the drawing, the numeral 1 designates a wash tub of the usual construction and is provided adjacent its bottom in the wall thereof with an opening 2 which is circular to receive the improved bung designated by the numeral 3. The bung 3 is of cylindrical formation and is of a diameter greater than the opening 2 thus when it is inserted in the opening 2 it will be wedged therein and retained in the opening against displacement by the force of water against its inner end.

The bung 3 is substantially cylindrical in cross section and is of approximately uniform diameter throughout its entire length and has its inner end slightly tapered as at 4 to facilitate the easy insertion of the bung into the opening 2 of the tub as illustrated in the figures of the drawing.

The bung 3 is provided in its wall with a longitudinal extending passage 5 that extends out through the tapered end 4 and terminates adjacent the outer end to a substantially vertical wall 6, thus it can be seen that due to the uniform diameter of the bung 3 that the same may be forced outwardly until the wall 6 is beyond the outer surface of the tub 1 thus establishing communication between the passage 5 and the exterior of the tub so as to permit the water in the tub to slowly drain therefrom. It being understood that when it is desired to drain the water entirely from the tub that the bung is removed entirely therefrom. It is to be noted that this bung is cylindrical in cross section and of a uniform diameter throughout two-thirds of its length and has its inner end tapered as illustrated to permit the faucet to be wedged in the opening 2 at any predetermined distance so as to control draining of the water from the tub at various speeds, thus the draining of the water from the tub is fully under the control of the user.

It is to be noted that due to the construction of the opening that dirt or other matter cannot clog up this opening and that the same may be readily and easily cleaned and the water of the tub freely drained therefrom. It is also to be noted that due to the construction of the bung the draining

of the tub is fully under the control of the operator, thus when the water becomes dirty, it may be drawn off by the pail full and clean water substituted for rinsing the clothes or the water may be drained off slowly and by occasionally putting clean water in the tub, the water will be kept about the same height therein.

What is claimed is:—

The combination with a tub provided with a circular opening adjacent its bottom, of a bung comprising a cylindrical body fitting snugly into said opening so as to form a fluid tight closure therewith, said body being provided with a longitudinally extending radially disposed groove extending from the inner end thereof and of less length than the body, the outer end of said groove being closed by a straight wall extending radially of the body whereby, when the bung is secured in the opening with the wall at the outer end of said groove positioned inside of the outer surface of the tub it will serve as a closure member for said opening and, when the bung is pulled outwardly so as to bring said wall beyond the outer face of the tub and is turned so as to direct the groove downwardly, the contents of the tub will be discharged therefrom through said groove and downwardly in a vertical stream so as to prevent spraying or splashing of the liquid being discharged, said bung being held rigidly in either of its two positions by frictional contact with the interior of the opening.

In testimony whereof I affix my signature in presence of two witnesses.

BLANCHE E. BEURMANN.

Witnesses:
J. D. APPLETON,
ROSA A. APPLETON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."