

No. 884,946.

PATENTED APR. 14, 1908.

S. F. O'CONNOR.
 WASHING MACHINE.
 APPLICATION FILED NOV. 14, 1907.

Fig. 1

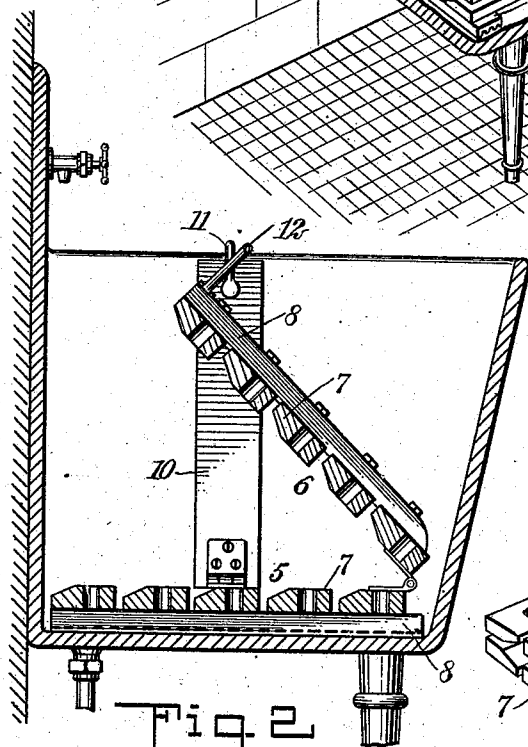
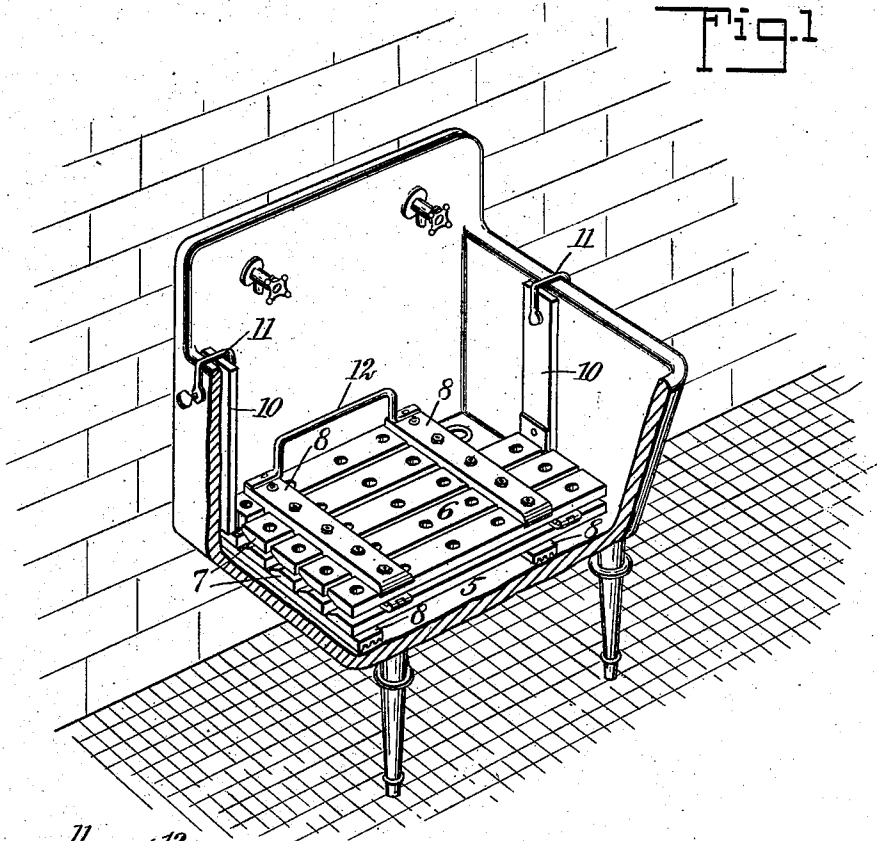
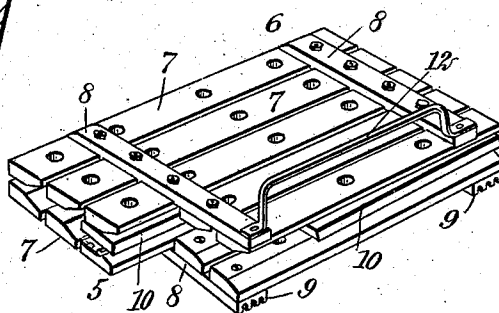


Fig. 3



WITNESSES
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SARAH F. O'CONNOR, OF NEW YORK, N. Y.

WASHING-MACHINE.

No. 884,946.

Specification of Letters Patent.

Patented April 14, 1908.

Application filed November 14, 1907. Serial No. 402,116.

To all whom it may concern:

Be it known that I, SARAH F. O'CONNOR, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Washing-Machine, of which the following is a full, clear, and exact description.

This invention is an improvement in washing machines, more especially designed as an attachment for stationary wash tubs, and to and from which it may be conveniently applied and detached.

The object of the invention primarily is the production of a simple structure comprising two leaves, each of which is composed of transversely-arranged slats. The leaves are hinged together at one end and freely movable to and from each other at the opposite end, one of the leaves having means stationarily holding it in the bottom of the tub, and the other leaf having means for swinging it to and from the stationary leaf, whereby the water is alternately drawn in and forced through the clothes placed between them.

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

Figure 1 is a perspective view of a stationary wash tub partly broken away, with a washing attachment embodying my invention applied thereto; Fig. 2 is a transverse section through the same; and Fig. 3 is a perspective view of the attachment removed from the tub and folded together.

The invention comprises two leaves 5 and 6 respectively, which are hinged together at one end or edge, and are freely movable to and from each other at the opposite end, each leaf being composed of a series of transverse slats 7 slightly spaced apart and connected together by longitudinally-arranged strips 8; these strips, which connect the slats of the bottom leaf, each having a series of grooves 9 on its under face, as shown in Figs. 1 and 3, for the passage of the water from one side of the tub to the other, as when the plug of the latter is withdrawn for emptying it.

The leaf 5 is seated on the bottom of the tub, in which position it is stationarily held by side-bars 10, which are hinged in a manner that they may fold on top of the bottom leaf, as illustrated in Fig. 3, and are secured to the sides of the tub when disposed in an

upright position, as shown in Figs. 1 and 2, by any convenient devices, such as the U-shaped clamps 11.

The slats 7 of each leaf are each perforated and beveled on the inner face at the edge 60 adjacent or nearest to the detached end of the leaves. This beveling of the slats forms a wedge-shaped opening between the opposed slats of the leaves and prevents the clothes from slipping outwardly when the free or upper leaf is actuated. For swinging the upper leaf to and from the stationary leaf, the former is provided with a U-shaped handle 12 attached to the strips 8 at or near their free ends.

As will be observed from Figs. 1 and 3, I preferably cut out or remove one corner of both leaves adjacent to the discharge pipe of the wash tub in order that access to the plug thereof may be had, and the discharge of the wash water may not be impeded.

In the operation of the attachment, after it is applied to the tub, as shown in Fig. 1, and a sufficient quantity of water introduced into the latter, the clothes are placed between the leaves, and by working the swinging or movable leaf to and from the stationary leaf, the water is alternately forced out of the clothes between the slats and perforations thereof and again sucked thereinto as the swinging leaf is lifted. This repeated operation of the leaf obviously soon rids the clothes of dirt, etc.

When the attachment is to be packed up for shipment and other purposes, it is only necessary to detach the U-clamps 11, and fold the bars 10 on the bottom leaf, after which the top leaf is closed, forming a convenient package, as shown in Fig. 3.

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

1. A washing attachment for wash tubs, comprising two leaves hinged together at one end, each leaf comprising a series of spaced and transversely-arranged slats having perforations, and beveled on their inner faces on the edges adjacent or nearest to the free end of the leaves.

2. A washing attachment for wash tubs, comprising two leaves hinged together at one side, and freely movable to and from each other at the opposite side, each leaf being composed of a series of transversely-arranged slats, and side bars hinged to and foldable

upon one of said leaves for stationarily securing it in the bottom of the tub.

3. A washing attachment for wash tubs, comprising two leaves hinged together at one
5 end and freely movable to and from each other at the opposite end, each leaf being composed of a series of transversely-arranged slats beveled on their edges adjacent or nearest to the free end of the leaves,
10 means for stationarily holding one of said

leaves in the bottom of the tub, and means carried by the other leaf for swinging it to and from the stationary leaf.

In testimony whereof I have signed my name to this specification in the presence of 15 two subscribing witnesses.

SARAH F. O'CONNOR.

Witnesses:

W. W. HOLT,
JOHN P. DAVIS.