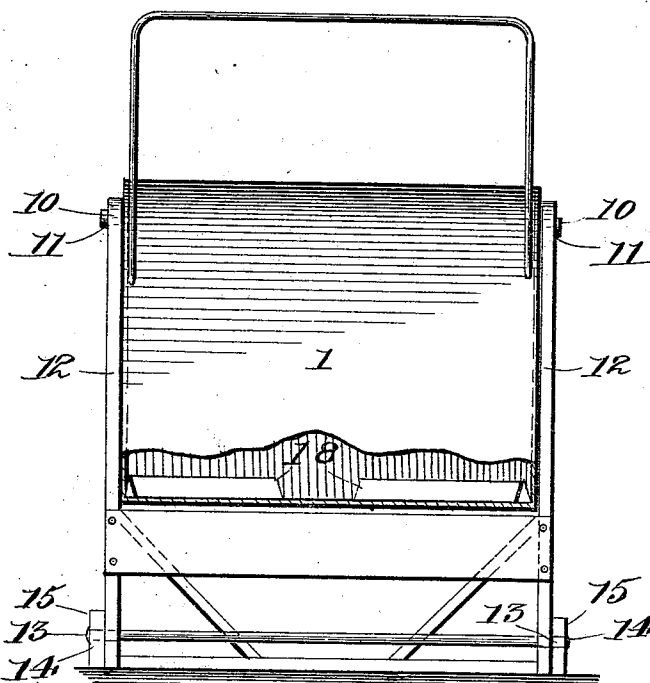
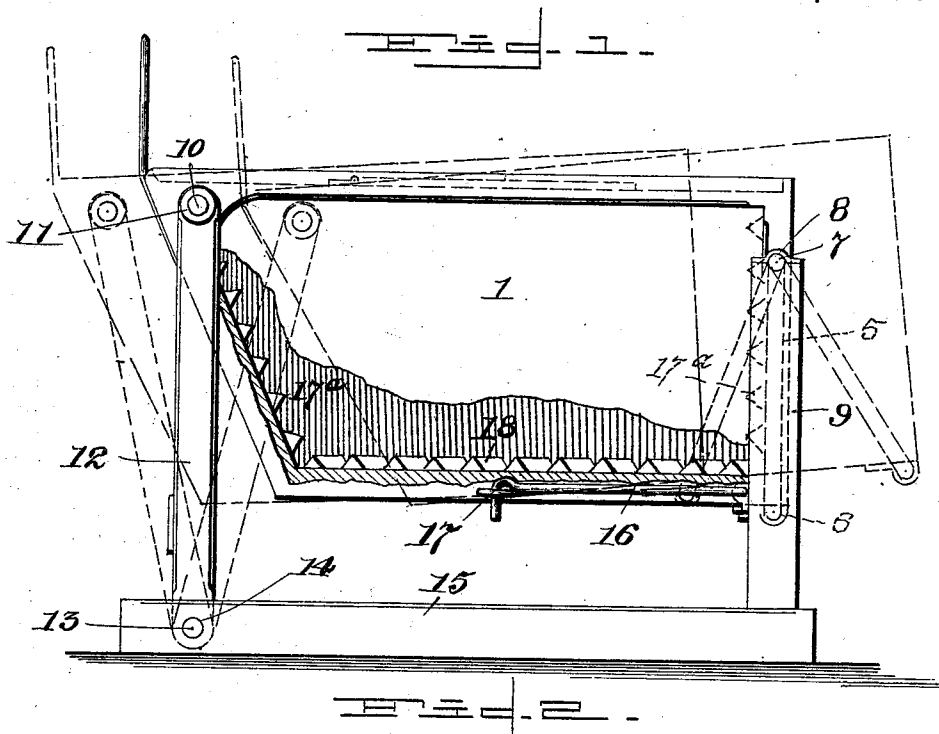


(No Model.)

G. LAUBE.
WASHING MACHINE.

No. 514,860.

Patented Feb. 13, 1894.



Witnesses
W. H. Humphrey.
Rog. Whitcomb.

Inventor
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UNITED STATES PATENT OFFICE.

GODFRIED LAUBE, OF HURON, SOUTH DAKOTA, ASSIGNOR OF ONE-HALF TO
JOSEPH HYMANS, OF CHICAGO, ILLINOIS.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 514,860, dated February 13, 1894.

Application filed August 10, 1893. Serial No. 482,843. (No model.)

To all whom it may concern:

Be it known that I, GODFRIED LAUBE, a citizen of the United States of America, residing at Huron, in the county of Beadle and State of South Dakota, have invented certain new and useful Improvements in Washing-Machines, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to certain new and useful improvements in washing machines and particularly to that class known as swinging or oscillating body washers.

The object of the invention is to so arrange the parts that the movement of the body will produce a maximum agitation of the contents, thereby quickly and efficiently cleansing the clothes; furthermore, the invention consists in the simple and inexpensive construction, which is strong and durable as well as satisfactory in use.

With these and other objects in view, the invention consists in the novel arrangement of parts to be hereinafter more fully described and specifically pointed out in the claim.

In illustrating and describing my invention in detail, reference is had to the accompanying drawings forming part of this specification, and wherein like figures of reference indicate corresponding parts in the several views, in which—

Figure 1. is a view in side elevation showing in dotted lines the swing of the body, and the corrugations interiorly. Fig. 2. is an end view of the machine.

In the drawings:—1, indicates the body of the washer proper which may be constructed in any of the well known shapes.

The suspension of the body is accomplished by providing at one of the ends a hanger 5, to which the body is pivoted as at 6. The free ends of the hanger 7 rest in the bearings 8, 8, of the corner posts 9, 9, which are suitably braced to withstand the strain resulting from the swing of the body. The opposite end is provided with pins 10, 10, which likewise engage bearings 11, 11, of the vibrating standards 12, 12; the lower part of said stand-

ard being pivoted at 13, 13, to the rod 14, which passes through the base portions 15, 15. The motion produced by this adjustment, it will be apparent, is quite steady at the end where the body is pivoted to the movable corner posts, while at the end the hanger is employed, an abrupt pitching motion results, which tends to reverse the position of the clothes on the backward swing. When it is desired to remove the contents, the hooks 16, are made to engage the screw eye 17, preventing any movement of the washer body while the engagement lasts.

Referring to the interior of the body, a series of transverse ribs 17, is provided extending at intervals on the ends of the body, while the bottom is corrugated in two rows 18, being one of a series of such corrugations or ribs, which run at an angle to the opposite row, having a space between them, as shown in dotted lines Fig. 2.

It is apparent that numerous changes may be made in the detail construction of this machine, furthermore, the movement as described may be applied to churns and to various other uses with equal advantage and without departing from the spirit of my invention.

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

In a washing machine, the combination of the body portion provided with an operating handle and suspended at one end upon approximately V-shaped yokes or hangers with their free ends pivotally secured to the top of the rigidly mounted standards, the opposite end being suspended between vibrating standards to which it is pivotally secured by means of pins arranged in suitable bearings in said vibrating standards, as and for the purpose described.

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

GODFRIED LAUBE.

Witnesses:

HATTIE R. LAUBE,
ANNIE T. LAUBE.