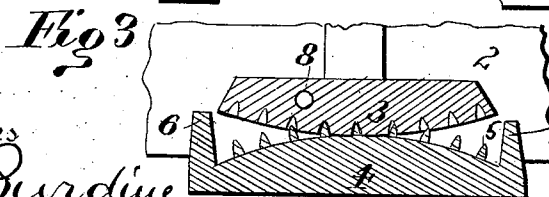
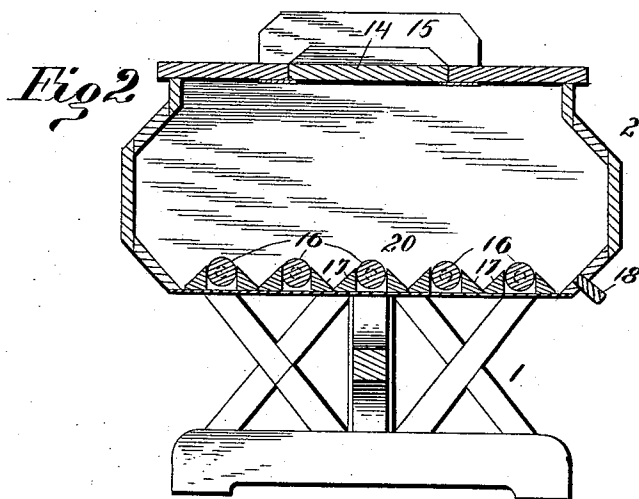
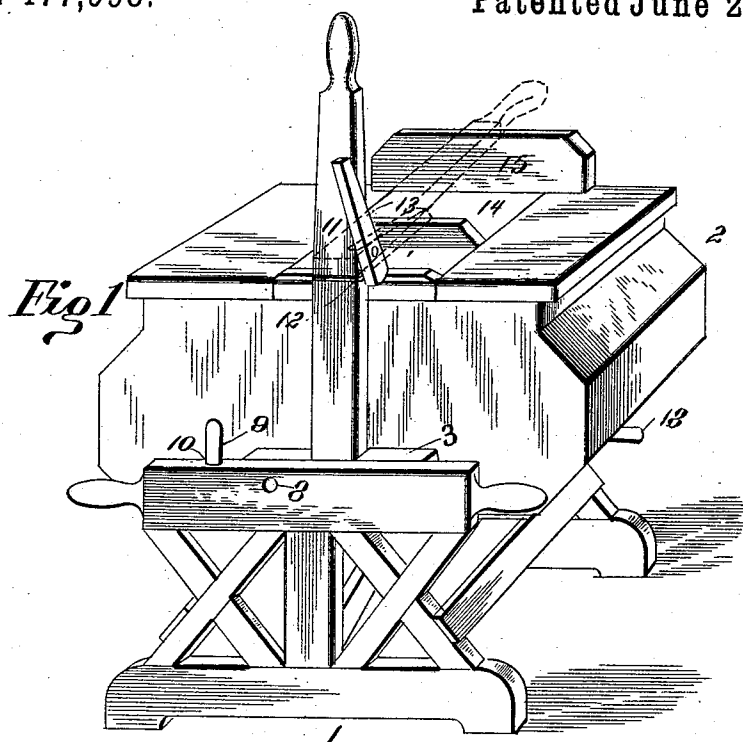


(No Model.)

G. L. FISHER.
WASHING MACHINE.

No. 477,998.

Patented June 28, 1892.



Witnesses
C. Burdine
W. Hume Clendenin

Inventor
George L. Fisher
per [Signature]
his Attorneys.

UNITED STATES PATENT OFFICE.

GEORGE L. FISHER, OF AMBOY, ILLINOIS.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 477,998, dated June 28, 1892.

Application filed November 21, 1891. Serial No. 412,608. (No model.)

To all whom it may concern:

Be it known that I, GEORGE L. FISHER, a citizen of the United States, residing at Amboy, in the county of Lee and State of Illinois, have invented certain new and useful Improvements in Washing-Machines; and I do 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, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates more particularly to that class of washing-machines in which no plunger or agitator is used, the body being rocked on its bearings, whereby the clothes are cleaned by oscillation, and my object is to produce a more effective and desirable device than has heretofore been known.

To this end my invention consists in the peculiar features and combinations of parts more fully described hereinafter, and pointed out in the claim.

Referring to the accompanying drawings, Figure 1 represents a perspective view of my invention; Fig. 2, a longitudinal section thereof; Fig. 3, a detail showing my improved bearings.

The reference-figure 1 represents a suitable base portion, upon which the body 2 is mounted and adapted to oscillate. To avoid any undue friction of the body and frame, I provide a peculiar bearing for the same, consisting of two pairs of correspondingly-convex cleats 3 and 4, located on the body and frame, respectively, the convex sides thereof being adapted to engage each other, as shown in the drawings, the cleats 4 being provided with dowel-pins 5, which engage corresponding recesses in the cleat 3. In order to prevent the body from rocking too far to either side and off its bearings, the cleats 4 are each provided with raised portions 6 and 7, located at each end thereof, which act as a stop to prevent further oscillation of the body. This is clearly shown in Fig. 3 of the drawings. It will be seen that by this arrangement the body can be easily rocked and the clothes contained therein cleaned by the action of the water and suds. This, however, will be more fully explained later. In order to facilitate easy

shipment and prevent this body from rocking about when the machine is not in use, I locate a recess 8 in the frame of the base, which recess extends through the same and into the cleat 3. In this recess a pin 9 is inserted, whereby the body is locked in a rigid position on the base. The pin 9 may, when not in use, be placed for safe keeping in the dead-hole 10, provided therefor in the aforesaid base. A handle 11 is located on one side of the washer, by which the body may be rocked, as hereinbefore described. This handle is jointed at 12, whereby it may be bent over to condense or reduce the size. To the handle 11 a dog or catch 13 is pivoted, which is adapted to engage and hold the lid 14 in place. On the opposite side of the body a projection 15 is located, to which any suitable wringer may be attached. A lid 14 is situated in the usual opening in the top of the body, and is made slightly smaller than the recess to compensate for the expansion caused by the hot water.

I provide a supplemental bottom 20, consisting of the alternate rollers 16 and V-shaped strips or cleats 17, the latter serving to prevent lace and finer parts of the articles being washed from getting under the rollers and tearing them. As the water dashes over the rollers it causes them to revolve, which movement helps to clean the clothes.

When it is desired to draw off the water after using the machine, the cork 18, located in the lowest part of the body portion, may be withdrawn and the water removed. The clothes, however, are passed through the aforesaid lid.

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

The combination, with a rocking body mounted on a base, of corresponding convex cleats secured to the body and base, respectively, and raised portions formed on each end of the cleats that are secured to the base, whereby the body is prevented from rocking off, substantially as described.

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

GEORGE L. FISHER.

Witnesses:

C. W. PETERSON,
P. M. JAMES.