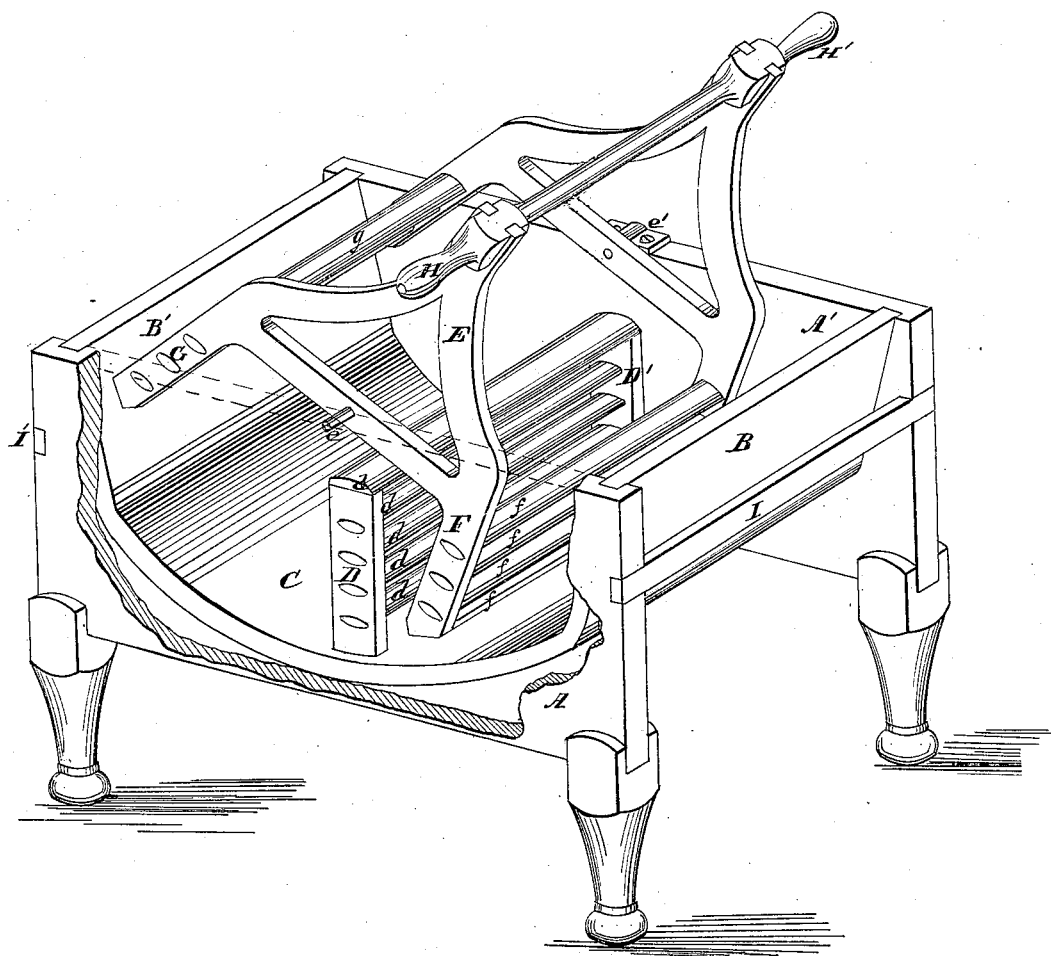


M. Huiet,
Washing Machine,
No 51,590, Patented Dec. 19, 1865.



Witnesses:
James H. Layman
Guillouard

Inventors:
M. Huiet
By Knight & Co
Attys

UNITED STATES PATENT OFFICE.

MICHAEL HUIET, OF MIAMISBURG, OHIO.

WASHING-MACHINE.

Specification forming part of Letters Patent No. 51,590, dated December 19, 1865.

To all whom it may concern:

Be it known that I, MICHAEL HUIET, of Miamisburg, Montgomery county, Ohio, have invented a new and useful Improvement in Washing-Machines; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing, making part of this specification.

My invention consists in so constructing a washing-machine that the operation of cleaning the articles placed in the machine is effected by beating and compressing the clothes between a fixed and two movable beaters, which serve to force the water through the interstices of the articles, thus producing the same result by infiltration heretofore accomplished by rubbing the clothes, which mode of washing rapidly wears them out, tears off buttons, &c., and is objectionable for several other reasons.

The accompanying drawing is a perspective view of a washing-machine embodying my improvements, a portion of one side of the tub being removed, so as to show the internal arrangement.

The tub of my washing-machine is composed of two vertical ends, A A', two sloping sides, B B', and a concave bottom, C.

Secured to the ends A A', at their mid-lengths, are two uprights, D D', provided with a number of slats, *d*, thus forming a partition which divides the tub into two equal chambers for receiving the clothes, and yet allows of a free circulation of water and suds throughout the entire vessel. The slats *d* are elliptical in their transverse section, and any suitable number of them may be employed to form the partition.

E is a beater, having two wings, F and G, provided with a number of slats, *f* and *g*, corresponding in shape to the slats *d*. The beater is journaled at *e e'* to the ends A A' of the tub, and is provided with two handles, H H', by one or both of which it is worked.

Rails I I' serve as handles, by which the machine can be carried from place to place.

Operation: The tub being filled about to the top of the partition with water, the clothes are then placed in the machine, one half of the quantity on one side of the partition and the other half on the other side. My two-winged or bifurcated beater is then brought into action, and as one wing is depressed the clothes in that side of the tub are driven against the partition and the water is forced through them, while the current of water carries those in the opposite side away from the partition; but the moment that the action of the beater is changed the condition of the clothes is reversed, and those which were distant from the partition are forced against it, and the others, which had been pressed against the partition, are carried away from it by the reversed current of water. Thus the continued oscillation of the beater alternately forces a current of water through the clothes and afterward presses out the dirt which the water had loosened and allows the sediment to fall to the bottom of the tub.

A machine constructed in this manner can be employed for washing the most delicate fabrics without any possibility of injuring them, as the articles are not brought into contact with any rubbing-surface, and the peculiar form of the slats, both in the partition and in the wings of the beater, prevents their tearing the articles.

I claim herein as new and of my invention—

The tub A A' B B' C, having at its mid-length the vertical slatted partition D D' *d*, in the described combination with the oscillating two-winged slatted beater E F *f* G *g* H H', constructed and operating substantially as set forth.

In testimony of which invention I hereunto set my hand.

MICHAEL HUIET.

Witnesses:

GEO. H. KNIGHT,
JAMES H. LAYMAN.