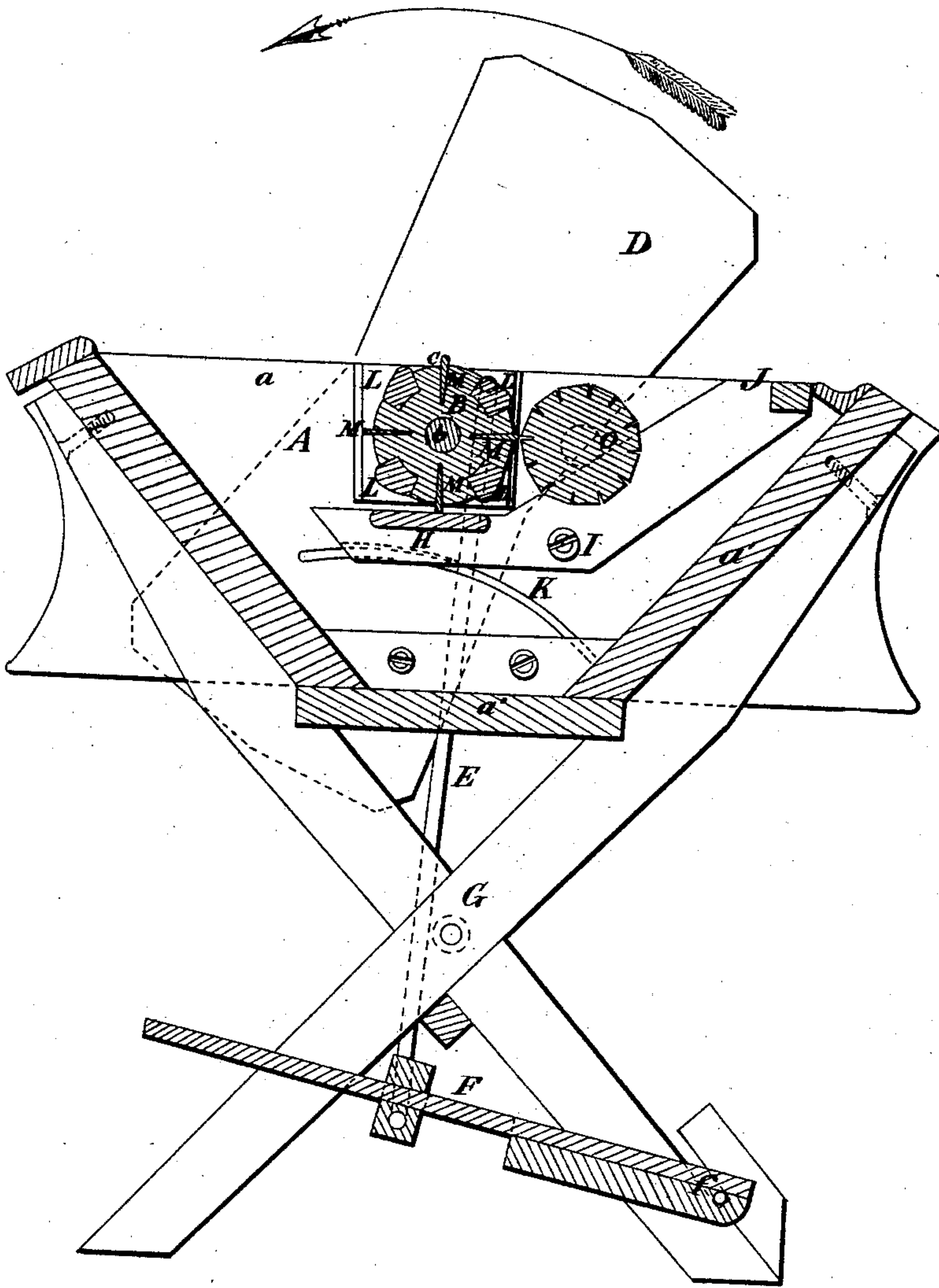


Washing Machine,

N^o 62,573

Patented Mar. 5, 1867.



Witnesses

E. S. Hubber!
J. H. Layman

Inventor

James Thompson
By Dwight M. Allen
Oldes

United States Patent Office.

JAMES THOMPSON, OF VEVAY, INDIANA.

Letters Patent No. 62,573, dated March 5, 1867.

IMPROVED WASHING MACHINE.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JAMES THOMPSON, of Vevay, Switzerland county, Indiana, have invented a new and useful Washing Machine; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing, the same being a transverse section.

This invention relates to an arrangement of parts whereby a treadle worked by the foot of the operator is made available as the principal motor, while a yielding pressure-board, under control of either hand, enables the optional increase or decrease of the rubbing stress upon the clothes.

A is a trough-like box or tub, formed by two vertical ends, *a*, two sloping sides, *a'*, and a flat bottom, *a''*. The shaft *b* of the roller B is journalled in notches, C, in the ends of the tub, and is provided outside of the tub with two fly-arms, D, having pitmen, E, which connect said arms with a treadle, F, hinged at *f* to the frame G, which supports the tub. H is the pressure-board, pivoted at I within the tub, and caused to press upward against the roller B, either by loading its handle, J, or by the provision of an upward bearing spring, K, or both. The periphery of the roller B may be armed with alternate wooden and metallic ridges, L M, or may have any desired ribbed or corrugated form. The sides of the pressure-board frame slope downward at N to support the journals of a loose roller, O.

Operation: The box being half filled with suds, the clothes are placed in the space between the roller B and the side of the tub most distant from the operator. The treadle being then set in motion, the roller B is thereby rotated in direction of the arrow, so as to catch and draw forward the clothes between the rollers B and O above and the pressure-board below them, to which board the left hand of the operator may impart more or less stress at discretion. The fly-arms may be so weighted as to counterbalance the gravity of the treadle and pitmen. Both rollers B and O are free to rise and fall with greater or less bulk of clothes, and both are capable of unshipment when required. The fly-arms and their appendages serve the twofold purpose of a yielding pressure and a sustained momentum.

I claim herein as new, and of my invention—

The combination of the yielding rollers B O, fly-arms D, treadle F, and controllable pressure-board H, all constructed and arranged to operate as and for the purposes set forth.

In testimony of which invention I hereunto set my hand.

JAMES THOMPSON.

Witnesses:

GEO. H. KNIGHT,
JAMES H. LAYMAN.