(No Model.)

H. TAYLOR.

MOP WRINGER.

No. 265,889. Patented Oct. 10, 1882.

Fig. 1.

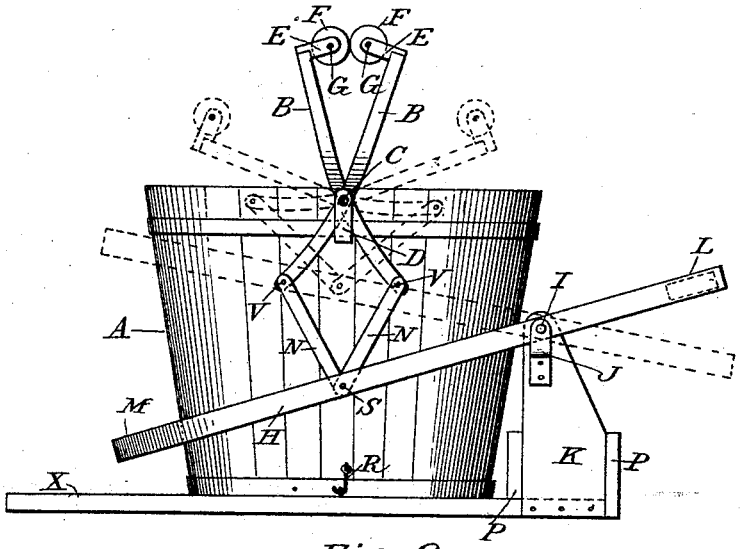


Fig. 2.

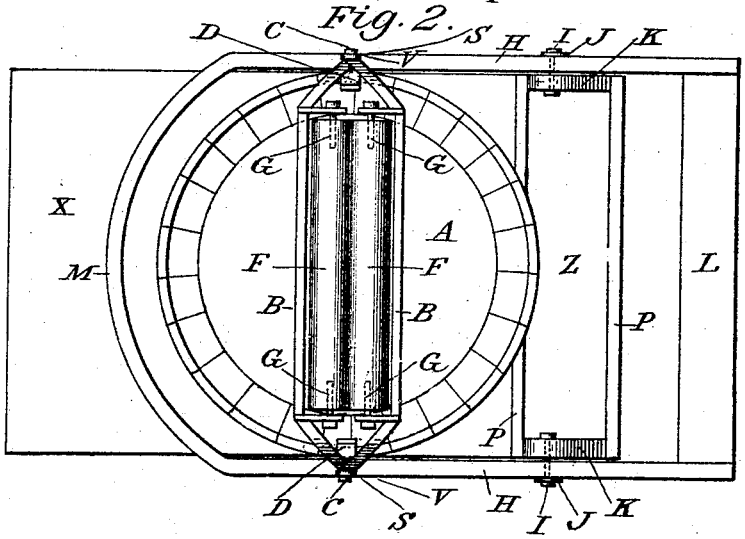
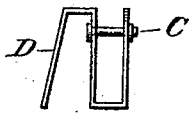


Fig. 3.



Witnesses:

James Murphy

E. William James Owen

Edward William James Owens

Inventor.

Henry Taylor

UNITED STATES PATENT OFFICE.

HENRY TAYLOR, OF LONDON, ONTARIO, CANADA, ASSIGNOR OF ONE-HALF TO PATRICK WALSH, OF SAME PLACE.

MOP-WRINGER.

SPECIFICATION forming part of Letters Patent No. 265,889, dated October 10, 1882.

Application filed July 10, 1882. (No model.) Patented in Canada April 27, 1882, No. 14,673.

To all whom it may concern:

Be it known that I, HENRY TAYLOR, a subject of the Queen of Great Britain, residing at the city of London, in the Province of Ontario, in the Dominion of Canada, merchant, have invented certain new and useful Improvements on Mop-Wringers, (for which I desire to obtain a patent in the United States of America,) of which the following is a specification.

This invention relates to a device for wringing or squeezing the water out of the mop-cloths, fastened to the end of a handle, used for cleaning floors; and it consists of two rollers suspended and turning freely on bearings extending from two bent frame-pieces, which are pivoted on bearings suspended from the top edge at opposite sides of the vessel holding the water by said last-mentioned bearings lapping over and resting on the same. The said rollers are operated by levers to compress the rollers together, between which the map-cloths are inserted for the purpose of squeezing the water out of the mop.

The construction and operation will be more particularly explained with reference to the accompanying drawings, and to the letters or figures of reference marked thereon, which form a part of this specification, wherein—

Figure 1 is a side elevation of my invention, and Fig. 2 is a plan view of the same. Fig. 3 is a side view of the bearings on which the bent frame-pieces are pivoted on the bolts C, shown therein.

D D are the bearings which support the bent frame-pieces B B, pivoted on bolts C C.

A designates a vessel used for holding the water.

B B are bent frame-pieces pivoted on bolts C C in the bearings D D, suspended on each side of the vessel A.

E E are bearings extending from the upper part of bent frame-pieces B B.

F F are rollers turning freely on bolts G G, working in journals in bearings E E.

L is a brace joining the outer ends of levers H H together, and by its weight made to make them balance on the pivot-bolts I I, the said pivot-bolts I I being supported by bearings J J and brackets K K.

M is the part of the levers H H extending round the vessel A at the other side, called the "foot-board," on which to place the foot for operating the rollers F F to squeeze the water out of the mop-cloths. Between the foot-board M and pivot-bolts I I, on which these levers H H are pivoted, the bent frame-pieces B B are connected with the levers H H by strips N, which are pivoted on bolts V at lower ends of bent frame-pieces B B, and by being run into slots which are cut in the said levers H H, and bolts S S passed through, on which they are pivoted.

X is a base-board, to which the vessel A is secured by hooks and eyelets R at the sides to prevent said vessel from tipping over and steady it while squeezing the water out of the mop.

K K are brackets fastened on the sides of the base-board X. Narrow strips of boards P P are secured on the parallel sides of the brackets K K, which they brace while forming a receptacle or box, Z, for the soap.

The brace L, connecting the outer ends of the levers H H together, is constructed of such a weight that it overbalances the weight of the foot-board M and the extra length of the levers H H on the foot-board side of the pivot-bolts I I in such a manner that as soon as the pressure of the foot is removed from the foot-board M the said foot-board M rises by the action of which the rollers F F separate and take the position shown by dotted lines in Fig. 1 of annexed drawings, thereby leaving the space above the vessel A clear, so that the mop-cloths can be dipped in the vessel A to renew them with water when required, and by inserting the mop-cloths between the rollers F F and compressing the said rollers together by the pressure of the foot on the foot-board M, and drawing the mop-cloths up between the rollers when so compressed, the water is readily and easily wrung out of the said mop-cloths.

By unfastening the hooks R and by lifting

the vessel becomes detached, and can be removed at pleasure to empty and renew the water.

Having thus described my invention, I claim—

The combination of the levers H H, provided with foot-board M and brace L, strips N N, bent frame-pieces B B, bearings D D, bearings E E, and rollers F F, with the brackets K K, bearings J J, pivot-bolts I I, base-board X, and vessel A, constructed substantially as shown and described, and for the purpose specified.

London, Ontario, May 17, A. D. 1882.

HENRY TAYLOR.

In presence of—

JAMES MURPHY,
London, Ontario.

E. W. J. OWENS,
London, Ontario.