

UNITED STATES PATENT OFFICE.

DUANE PECK, OF ROCHELLE, ILLINOIS.

IMPROVED MOP-WRINGER.

Specification forming part of Letters Patent No. 69,694, dated October 8, 1867.

To all whom it may concern:

Be it known that I, DUANE PECK, of Rochelle, in the county of Ogle and State of Illinois, have invented a new and Improved Mop-Wringer; and that the following description, taken in connection with the accompanying drawing, hereinafter referred to, forms a full and exact specification of the same, wherein I have set forth the nature and principles of my said improvements, by which my invention may be distinguished from all others of a similar class, together with such parts as I claim, and desire to have secured to me by Letters Patent.

This invention relates to a new and improved device for expressing moisture from mops while using the same; and it consists in the employment or use of pressure-rollers in connection with a treadle, all arranged in such a manner as to admit of the mop being readily adjusted between the rollers, and operated upon by them so as to effectually express the moisture therefrom.

In the accompanying drawing a side view of my invention is shown, partly in section.

A represents the frame of the machine, the top of which is composed of two inclined bars, *a a*, each having a slot, *b*, made in it to receive the journals of a roller, B, said slots being of sufficient length to admit of considerable play or movement of said roller. The journals of this roller B, at the outer sides of the inclined bars *a a*, are fitted in one end of toggles C C, which are pivoted to the bars *a a*, and the pivoted arms *c* of these toggles are connected by rods D with a treadle-frame, E, the front end of which is provided with a foot-piece, *d*.

The treadle-frame has springs F attached to it, which have a tendency to keep it elevated sufficiently far to hold the roller B back in the slots *b b*, as shown in black in the drawing.

G is a roller, the journals of which are fitted in the bars *a a*, and bear against india-rubber or other springs *d*, which are at the front sides of the journals.

The roller B has a crank, H, at one end of it; and I is a pail, which is inserted in the frame A underneath the roller G.

In order to wring or express the moisture from the mop, the latter is placed between the two rollers B G, and the front end of the treadle-frame E depressed or forced down by the foot, which forces the roller B down toward the roller G, and causes the mop to be compressed between the two rollers. The roller B is then turned through the medium of the crank H, and the mop thereby worked up and down between the rollers until the water is expressed from it, the water falling into pail I. On withdrawing the foot from the treadle-frame, the spring F draw the former upward and the roller B is drawn back from roller G.

The device may be operated with the greatest ease, and a mop wrung in a very short space of time. The springs *d* admit of the roller G yielding or giving to a certain extent, which greatly facilitates the operation, and relieves the rollers of any undue strain.

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

The roller B, sliding in the groove *b* of the inclined bars *a*, the toggle C *c*, rod D, treadle E, spring F, sliding roller G, bearing against the springs *d*, all combined and arranged to operate as herein described, for the purpose specified.

DUANE PECK.

Witnesses:

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