

T. W. LESLIE.

MOP.

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1,064,502.

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Fig. 1.

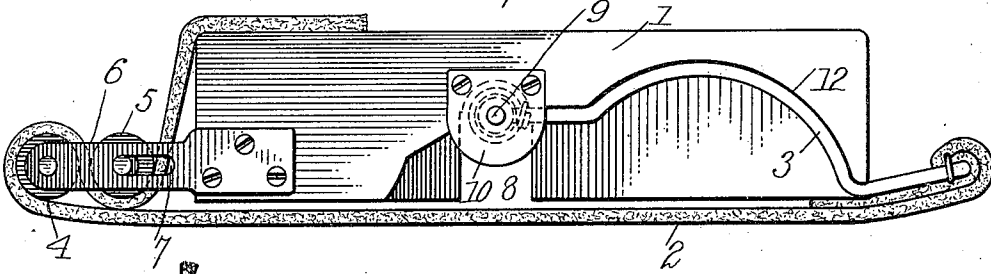


Fig. 2.

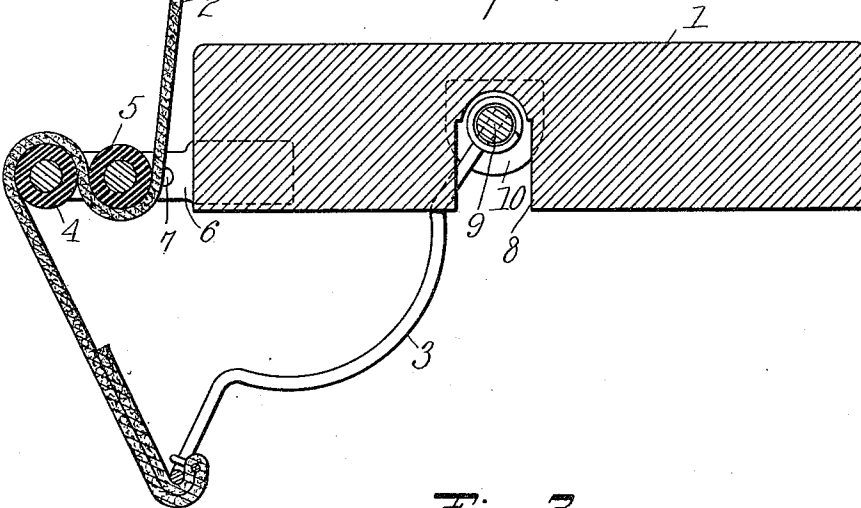
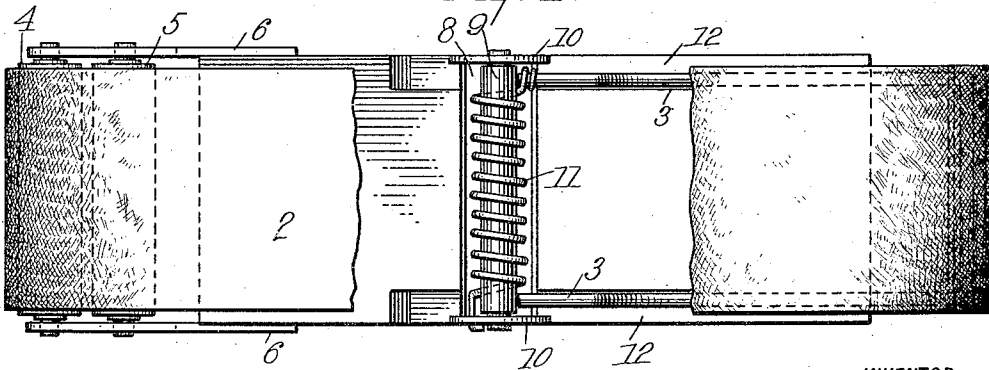


Fig. 3.



WITNESSES

George Bamby
William F. Michel

INVENTOR

Thomas W. Leslie,
BY *Mumford & Co.*
ATTORNEYS

UNITED STATES PATENT OFFICE.

THOMAS W. LESLIE, OF NEW YORK, N. Y.

MOP.

1,064,502.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, THOMAS W. LESLIE, a citizen of the United States, and a resident of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Mop, of which the following is a full, clear, and exact description.

My invention relates to an improvement in mops, and the object thereof is to provide a construction of the kind mentioned which is especially adapted to wipe up the moisture on floors, counters, stands, or any other place that requires to be cleaned and dried.

A further object of my invention is to provide a mop comprising absorbent material and having an attachment by means of which the absorbent material can readily be wrung out and made ready for further use.

Reference is to be had to the accompanying drawings forming a part of this specification, in which the same characters of reference indicate the same parts in all the views.

Figure 1 is a side elevation of my invention; Fig. 2 is a longitudinal section thereof; and Fig. 3 is a bottom plan with some of the absorbent material removed to show the construction more clearly.

My mop comprises a body or handle 1 with which is associated absorbent material in the form of a strip of cloth or wick 2. This absorbent material is attached at one end to a U-shaped bar 3 and passes along the under side of the body and around rollers 4 and 5 at the opposite end. The end of the strip 2 passes up over the roller 4 and then between the rollers and under the roller 5, the end thereof being laid upon the top of the body 1.

The rollers 4 and 5 are mounted on trunnions which are carried in bearings 6 secured to the sides of the body 1, the outer roller 4 being held against bodily movement though permitted to rotate freely, and the inner roller 5 having its trunnions mounted in slots 7. These slots permit the roller 5 not only to rotate but to move toward and from the roller 4, and it will be seen from this construction that when the loose end strip 2 is pulled the roller 5 will be forced toward the roller 4, compressing the strip 2 between the rollers.

In the bottom of the body 1 is a trans-

verse recess 8, in which is located a shaft or spindle 9 mounted by means of trunnions in apertures formed in ears 10 secured to the sides of the body at the ends of the transverse recess. The ends of the U-shaped bar 3 are made fast to this spindle, and the bar 3 is held in position to hold the strip 2 stretched along the bottom of the mop by means of a spring 11 secured to one of the ears 10, and to one of the ends of the bar 3, as shown particularly in Fig. 3.

The sides of the bar 12 adjacent the end which is opposite the end carrying the rollers 4 and 5 are recessed, as shown at 12, and the arms of the U-shaped bar 3 are bent so as to fit snugly against the upper ends of these recesses and be held in fitting position by means of the spring 11 above mentioned.

To use my mop the holder sees that the strip 2 is stretched by pulling on the end 2, and then proceeds to wipe up the moisture with it. As soon as the absorbent material 2 is saturated he presses down upon the end of the U-shaped bar 3 and forces it over into the position shown in Fig. 2, at the same time pulling upon the opposite end of the strip of wicking in such a way as to force the roller 5 toward the roller 4, and as the absorbent material passes over these rollers and between them all the moisture in the same will be squeezed out.

When the operation of wringing or squeezing out the moisture in the material 2 is finished the user simply relaxes the tension on the loose end of the strip 2, whereupon the spring 11 rotates the spindle 10 and returns the bar 3 to its original position. The mop can now be used further.

My mop is especially useful in places that sell or dispense liquids, for the purpose of wiping up wet places.

I wish to have it understood that the above description is illustrative only and discloses but one embodiment of my invention, and that I may vary the details thereof in numerous ways, so long as the same do not fall without the scope of the appended claims.

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

1. In an improved mop, the combination of a body, a U-shaped bar pivotally secured thereto adjacent the sides, a strip of absorbent material secured to said U-shaped bar, and a pair of rollers carried by the body

at one end, one of said rollers being mounted to move toward and from the other roller, the end of said absorbent material being passed around and between said rollers, 5 whereby, when tension is applied to said end, the absorbent material will be caused to pass between the rollers and the moisture expelled therefrom.

2. An improved mop comprising a body 10 having a transverse recess in the bottom and lateral recesses in its sides, a spindle rotatably mounted in the transverse recess, a U-shaped bar having its ends secured to the spindle, said bar normally projecting along 15 the side of the body and received in the lateral recesses and extending beyond one end of the body, resilient means for holding said bar in extended position, a strip of absorbent material secured to the U-shaped bar, and a 20 pair of rollers carried at the other end of the body, one of said rollers being mounted for movement toward and from the other roller, the free end of said absorbent material being passed around and between said 25 rollers, whereby when the bar is moved from extended position and tension applied to the free end of the absorbent material, the movable roller will be forced against said material, the bar rotated with said spindle 30 as an axis against the tension of the resilient means, and the moisture in said absorbent material wrung therefrom.

3. In a mop, the combination of a body, a U-shaped bar pivotally secured thereto ad-

jacent the sides, resilient means engaging the 35 bar and the body to hold the bar substantially parallel with the body, a strip of absorbent material secured to said U-shaped bar, and a pair of rollers carried by the body at one end, the end of said absorbent ma- 40 terial being passed between said rollers, whereby when the absorbent material is tensioned it will be drawn through the rollers and the moisture expelled from said material. 45

4. In an improved mop, the combination of a body having a pair of extensions at one end, a roller mounted in the outer end of said extensions, a second roller mounted in said extensions between the end of the body 50 and the first roller, said extensions having longitudinal slots, and said second roller having journals which are received in said slots, a strip of absorbent material, and means for movably mounting one end of 55 said strip, said strip having its other end passed over the first roller and between the same and the second roller, and then around the second roller, whereby when the strip is pulled, the second roller will be forced 60 against the first roller to wring out the strip.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

THOMAS W. LESLIE.

Witnesses:

WILLIAM F. NICKEL,
PHILIP D. ROLLHAUS.