No. 712,294. Patented Oct. 28, 1902.

H. GIBERSON.

MOP WRINGER.

(Application filed Apr. 26, 1902.)

(No Model.)

Fig. 1.

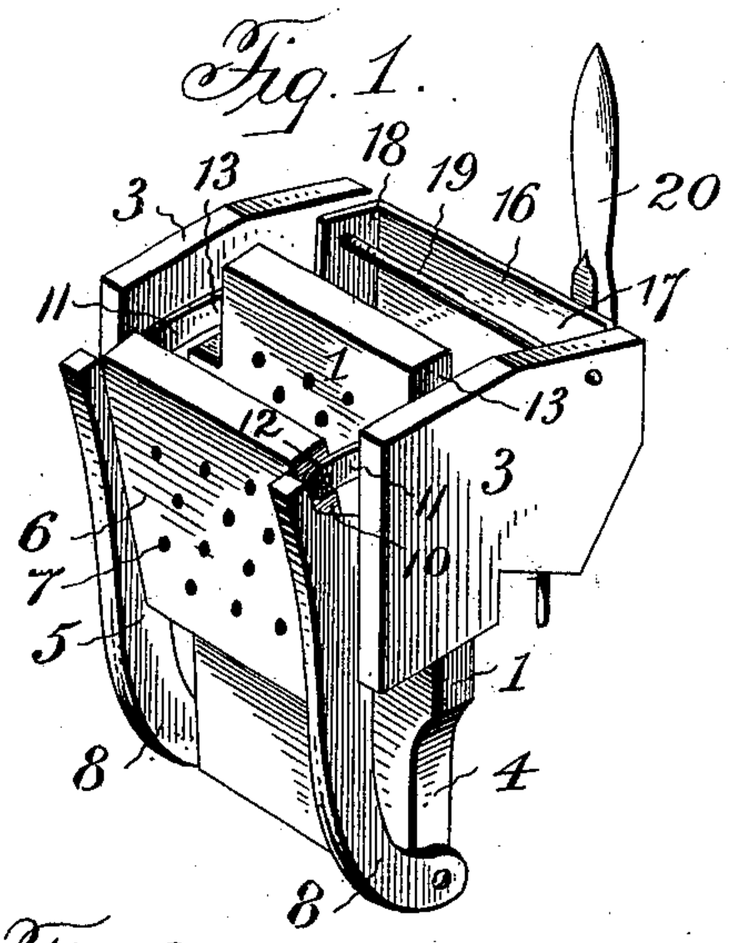


Fig. 2.

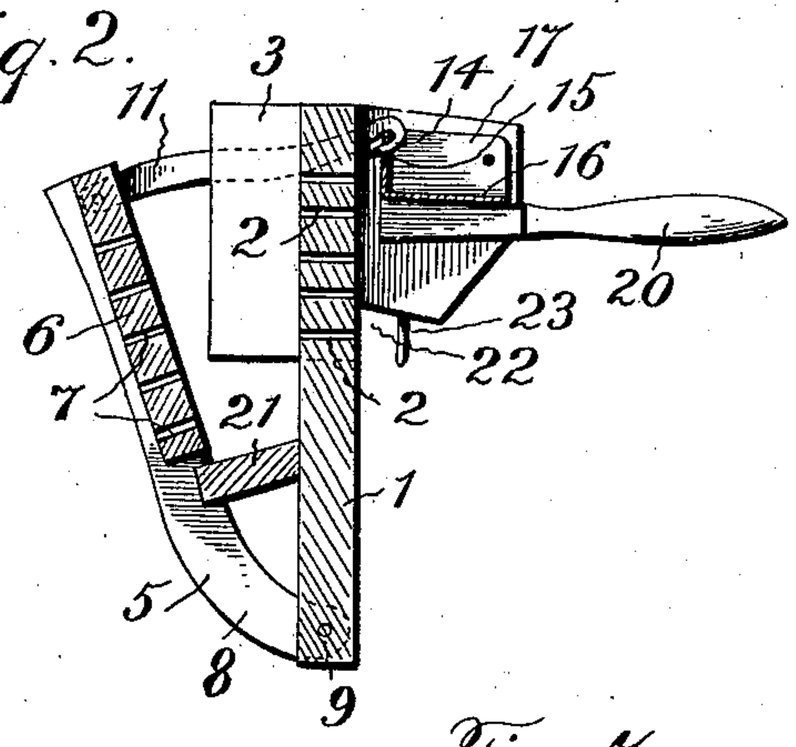
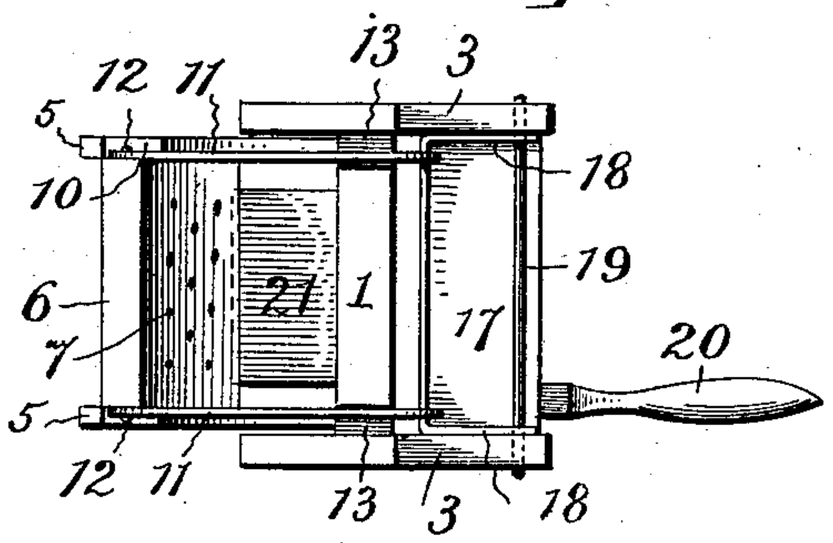


Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

HAMILTON GIBERSON, OF NORTHUMBERLAND, NEW HAMPSHIRE, ASSIGNOR OF ONE-HALF TO W. H. KIMBALL, OF STRATFORD, NEW HAMPSHIRE.

MOP-WRINGER.

SPECIFICATION forming part of Letters Patent No. 712,294, dated October 28, 1902.

Application filed April 26, 1902. Serial No. 104,763. (No model.)

To all whom it may concern:

Be it known that I, HAMILTON GIBERSON, a citizen of the United States, residing at Northumberland, in the county of Coos and State of New Hampshire, have invented a new and useful Mop-Wringer; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to improvements in mop-wringers; and it has for its object to provide a simple, inexpensive, and efficient mop-wringer adapted to be readily applied to and removed from a pail and capable of being readily operated to expel or wring surplus water from a mop after the same has been immersed in a pail to render the mop suitable for mopping a floor or other surface.

The invention consists in the novel construction and arrangement of parts hereinafter described and shown, and particularly pointed out in the claims hereto appended.

In the drawings forming part of this specification, and in which like numerals of reference designate corresponding parts, Figure 1 is a perspective view of a mop-wringer constructed in accordance with this invention. Fig. 2 is a vertical sectional view of the same. Fig. 3 is a plan view, the presser-boards being separated.

Referring to the drawings, 1 designates a stationary presser-board provided at its upper portion with suitable perforations 2 and secured at its side edges to imperforate sides 3, which extend inward and outward beyond the stationary presser-board and which form with the same a stationary presser-frame. The lower portion of the stationary presser-board is provided with opposite cut-away portions or recesses 4 for the reception of the lower portions of side bars 5 of a movable presser-frame, which is provided with a movable presser-board 6, having perforations 7 similar to those of the stationary presser-board. The movable presser-board 6 is suitably secured to the upper portions of the side bars 5, which have their lower portions 8 bent slightly and arranged at an angle to the upper portions of the side bars and perforated at their lower ends for the reception of suitable pivots 9 for connecting the movable presser-frame to the stationary presser-frame. The side bars 5 are provided at their upper ends with recesses or cut-away portions 10, and the movable presser-board 6 is connected by pivots 12 with links 11, which have their ends arranged in the recesses or cut-away portions 10, as clearly shown in Figs. 1 and 3. The links or bars 11, which are arranged at the inner faces of the imperforate sides 3, extend through recesses 13 of the stationary presser-board and terminate at their outer ends in hooks 14, which engage openings 15 of a bottom flange 16 of a rocking or oscillating plate 17. The plate 17, which is constructed of sheet metal or other material, is also provided with end flanges 18, which are perforated near their upper ends for the reception of a transverse rod 19, which pivots the plate 17 between the outer portions of the sides 3. The plate 17 is operated by a handle 20, consisting of a bar secured to the outer face of the plate at one side of the mop-wringer and adapted to be oscillated to swing the lower portion of the plate backward and forward, whereby the movable presser-frame is carried to and from the stationary presser-frame to squeeze a mop-cloth or the like for expelling the surplus water. The stationary presser-frame is provided with an inclined bottom board 21, secured to the stationary presser-board at a point below the movable presser-board and arranged to extend between the side bars 5.

The sides 3 are provided at the lower edges of their outer portions with notches 22, adapted to receive the upper edge of a pail, and pins 23, which depend from the top walls of the notches, are employed for engaging the exterior of the pail.

It will be seen that the mop-wringer is exceedingly simple and inexpensive in construction, that it possesses great strength and durability, and that it is capable of being readily placed on and removed from a pail or other receptacle. It will also be seen that the mop-wringer is easily operated and that it will enable the surplus water to be readily expelled from a mop.

What I claim is—

1. A mop-wringer comprising a stationary presser-board provided at its upper and lower ends with recesses, sides secured to the upper portion of the stationary presser-board, a movable presser-frame having a presser-board and provided with side bars recessed at their upper ends and having their lower ends pivoted in the recesses at the lower end of the stationary presser-board, an oscillating plate pivotally mounted between the said sides, links or bars connected with the oscillating plate and extending through the recesses of the upper end of the stationary presser-board and pivoted to the movable presser-board in the recesses of the said side bars, substantially as described.

2. A mop-wringer comprising a stationary presser-board, side pieces 3 secured to the same, a movable presser-frame pivoted to the stationary presser-board, an oscillating plate having end flanges pivoted to the side pieces 3, said oscillating plate being also provided with a bottom flange having openings, links or bars pivoted at their inner ends to the movable presser-frame and provided at their outer ends with hooks engaging the openings of the said bottom flange, and means for oscillating the plate, substantially as described.

In testimony whereof I have hereto affixed my signature in the presence of two witnesses.

HAMILTON GIBERSON.

Witnesses:
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