

C. E. STRATING.
WRINGING SUPPORT FOR MOPS.
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971,702.

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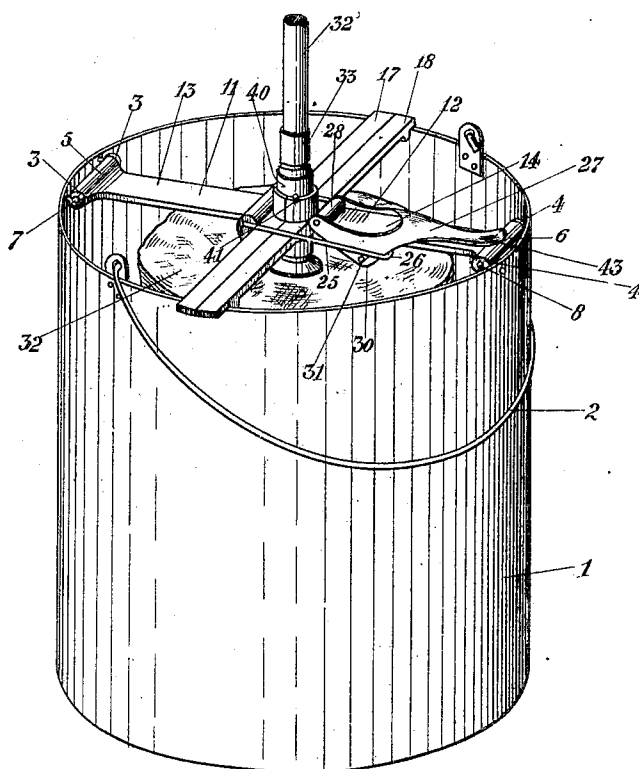
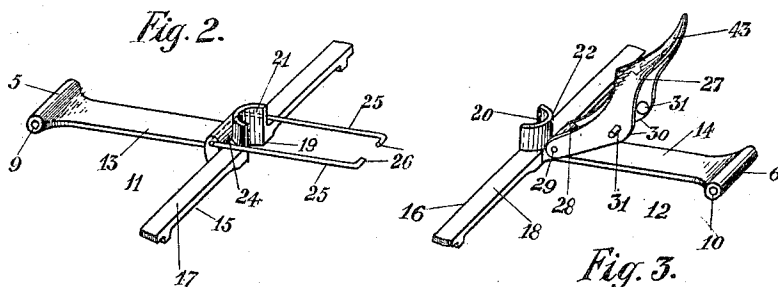


Fig. 1.

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UNITED STATES PATENT OFFICE.

CHARLES E. STRATING, OF CHICAGO, ILLINOIS.

WRINGING-SUPPORT FOR MOPS.

971,702.

Specification of Letters Patent.

Patented Oct. 4, 1910.

Application filed October 20, 1908. Serial No. 458,602.

To all whom it may concern:

Be it known that I, CHARLES E. STRATING, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Wringing-Supports for Mops, of which the following is a specification.

My invention relates to improvements in mop and mop-holding and drying devices.

The object of my invention is to provide a mop of novel and improved construction, and a mop-holding receptacle therefor in which said mop may be supported and readily and easily rotated with such rapidity as to cause practically all of the liquid or moisture contained in the mop to be driven out by the centrifugal force occasioned by the rotary movement of the mop.

A further object of my invention is to provide a mop and mop-holding receptacle of the character mentioned, the provision of which will obviate the necessity of squeezing the mop-head between the hands or the employment of other as awkward means in order to wring out the superfluous moisture.

A still further object of my invention is to provide a mop and mop-holding receptacle of the character mentioned, which will be of the highest possible efficiency, and which will be strong and durable, comparatively simple of construction, hence, of low cost to manufacture.

Other objects will appear hereinafter.

With these objects in view, my invention consists in a contrivance characterized as above mentioned, and in certain details of construction and arrangement of parts all as will be hereinafter fully described and particularly pointed out in the claims.

My invention will be more readily understood by reference to the accompanying drawings forming a part of this specification and in which,

Figure 1 is a perspective view of my device in its preferred form showing the mop and mop-holding receptacle assembled, Figs. 2 and 3 are detail perspective views of the mop-supporting means shown in Fig. 1.

Referring now to the drawings, 1 indicates an ordinary, preferably sheet metal, cylindrical bucket or pail provided with the usual bail 2, said bucket being of any suitable dimensions. Positioned diametrically

opposite each other upon the inner surface of said bucket close to the upper edge thereof and equally spaced apart thereon, the same being secured thereto in any suitable manner, are eyes 3—3 and 4—4. Having their outer extremities 5 and 6, respectively, hingedly secured between said eyes 3—3 and 4—4, preferably by means of removable hinge-pins 7 and 8 resting in said eyes and extending through transverse circular perforations 9 and 10, respectively, provided in said extremities 5 and 6 are substantially similar T-shaped, preferably cast metal members 11 and 12. The arms 13 and 14, respectively, of said members 11 and 12 are of such a length that the edge surfaces 15 and 16 of the arms 17 and 18, respectively, of said members are adapted, when the latter are in operative or closed position, to lie in contact with each other. Said arms 17 and 18 are of such a length that the end portions thereof are adapted when the members 11 and 12 are in closed position to rest upon the upper edge of the receptacle 1, the same being provided with depending projections, which are adapted to rest against the inner surface of the receptacle, serving an obvious purpose. The central portions of said adjoining edges 15 and 16 of the members 11 and 12 are respectively, semi-circularly slotted as at 19 and 20, said slots being adapted to register with each other so as to form a complete circular slot. Said slots are, respectively, provided with upwardly extending flanges 21 and 22 for reasons which will be obvious as the description proceeds.

Hingedly secured to the member 11, preferably in a perforated integrally formed upwardly extending projection 24 of said member, is a wire member 25. The arms of said member 25 are substantially equal in length and are disposed parallel to each other, the extremities 26 thereof being offset and inwardly extending. A member 27, preferably of sheet metal, is hingedly secured to the integral projection 28 of the member 12 by means of a hinge-pin 29. Said member 27 is provided upon the downwardly extending portions 30 thereof, with outwardly extending lugs 31, upon which when the members 11 and 12 are in locked position, that is, when the extremities 26 of the member 25 are in engagement with the edges of the member 27, as clearly shown

in Fig. 1, the arms of the member 25 are adapted to rest. Said members 25 and 27 obviously act as means of positively locking the members 11 and 12 in correct and rigid position when the device is in use.

The mop head 32 is carried by a mop handle 32' which carries a sleeve 40 adapted to be inserted between slot flanges 21 and 22. Sleeve 40 also carries a lug 41 adapted to contact with the upper edges of said flanges.

In using the device, the members 11 and 12 are first swung outwardly or opened, whereupon the mop is inserted into the receptacle or bucket in the bottom of which is contained water or other cleansing liquid. After dipping the mop-head into the liquid and raising the same over the surface thereof, the members 11 and 12 are closed, that is, are swung together, the mop handle being positioned between said members 11 and 12 in the flanged slots 19 and 20 thereof, it being so positioned therein as to be supported by the lug 41 projecting from the sleeve 40 upon the upper edge of the slot flange. The members 27 and 25 are then locked together, whereupon the mop handle may easily be rotated in a manner as before stated thereby causing, as before described, the ejection of the greater portion of the moisture contained in the mop-head. The members 27 and 25 are then disengaged, by the raising of the hand projection 43 of the former and swinging it back, whereupon the mop may be lifted or raised from the receptacle in condition for use.

When not using the receptacle as a holder, the members 11 and 12 may be detached by removing the hinge-pins 7 and 8, in which event the receptacle may be used as an ordinary bucket or pail.

While I have shown what I deem to be the preferable form of my device, I do not wish to be limited thereto, as there might be many changes made in the details of construction and arrangement of parts without departing from the spirit of my invention.

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

1. In a device of the class described, a receptacle, in combination with a pair of arms hingedly mounted upon opposite sides of said receptacle and adapted to fold down into alinement with each other, a mop handle holding sleeve on said arms, half of

said sleeve being formed upon each of said arms, substantially as described.

2. In a device of the class described, a receptacle, in combination with a pair of arms hingedly mounted upon opposite sides of said receptacle and adapted to fold down into alinement with each other, a mop handle holding sleeve on said arms and formed half upon each, and means for locking said arms and sleeve portions together, substantially as described.

3. In a device of the class described, a receptacle, in combination with a pair of arms hingedly mounted upon opposite sides of said receptacle and adapted to fold down into alinement with each other, a mop handle holding sleeve formed part upon one arm and part upon the other, a loop pivotally mounted upon one arm and a lever pivotally mounted upon the other arm and adapted to detachably engage said loop and to fold down upon its respective arm to lock said arms and sleeve portions together, substantially as described.

4. In a device of the class described, a receptacle, in combination with a pair of arms hingedly mounted upon opposite sides thereof and adapted to fold down into alinement with each other, a mop handle holding sleeve formed part upon one of said arms and part upon the other, and laterally extending arms on the first said arms adapted to extend over the edge of the receptacle to hold the device in operative position, substantially as described.

5. In a device of the class described, a receptacle, in combination with a pair of arms hingedly mounted thereon and adapted to fold down to bring their ends into engagement, said ends being formed with semi-cylindrical sockets forming together a mop handle holding sleeve, laterally extending arms on the first said arm adapted to extend over the edge of the receptacle to hold the device in horizontal position, and depending portions on the last said arms to engage the inner edge of said receptacle, substantially as described.

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

CHARLES E. STRATING.

Witnesses:

JANET E. HOGAN,
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