

(No Model.)

J. McCARTHY.

MOP WRINGER.

No. 283,911.

Patented Aug. 28, 1883.

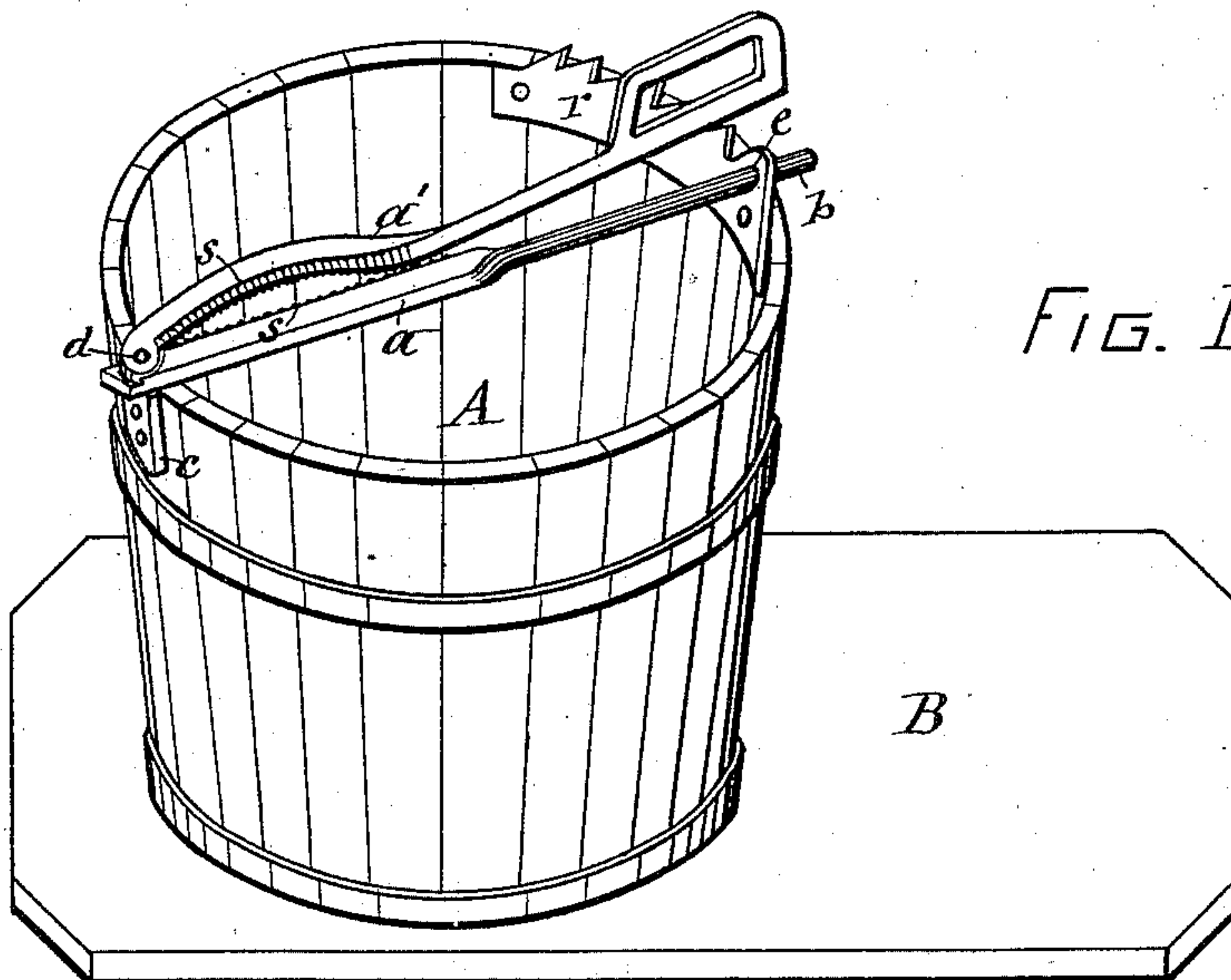


FIG. I.

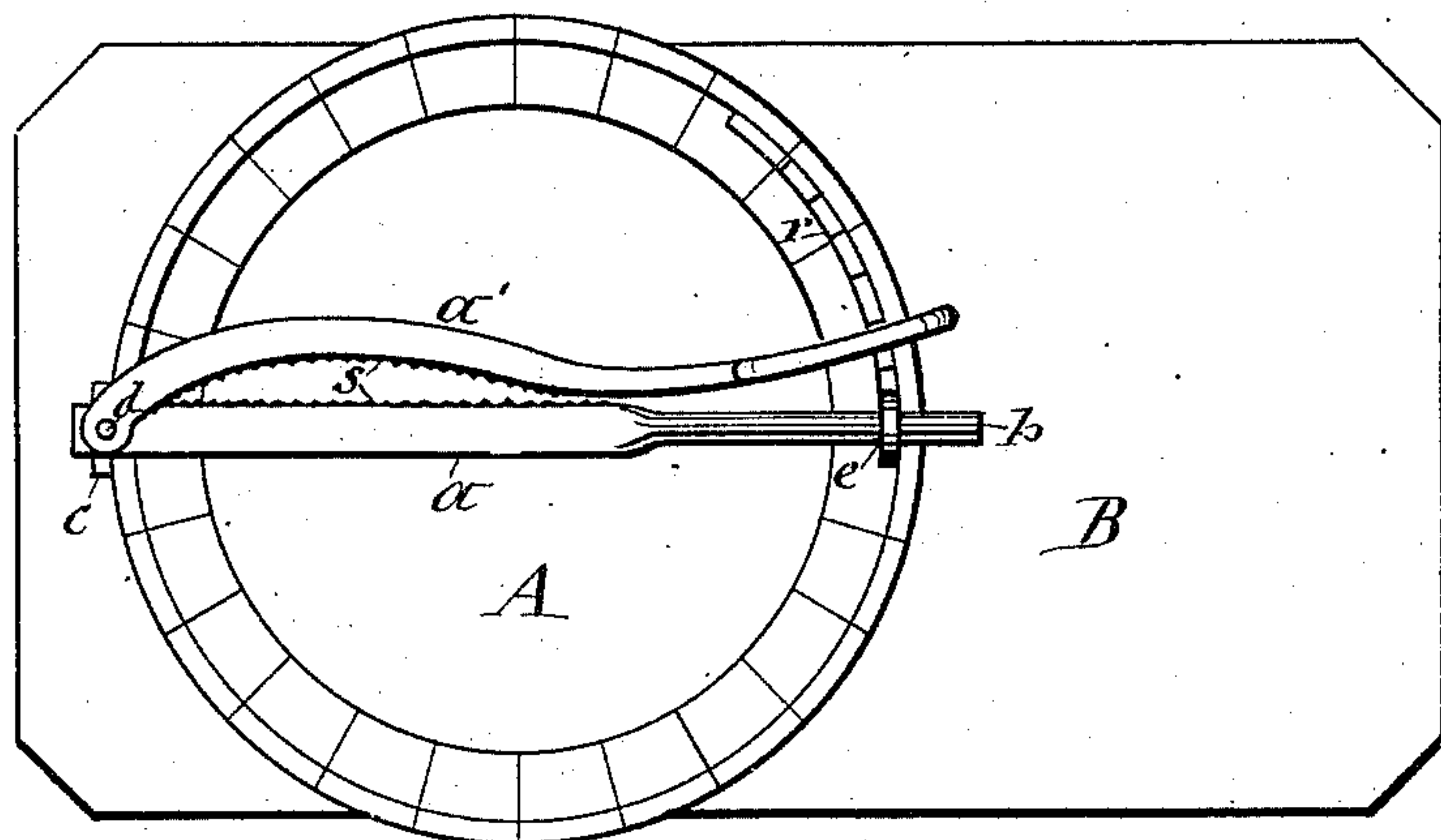


FIG. II.

WITNESSES

Wm. B. Bendixon

Wm. E. Raymond

INVENTOR

John M. McCarthy
per H. L. Lacey & Co.
his Attys.

UNITED STATES PATENT OFFICE.

JOHN McCARTHY, OF SYRACUSE, NEW YORK.

MOP-WRINGER.

SPECIFICATION forming part of Letters Patent No. 283,911, dated August 28, 1883.

Application filed May 10, 1883. (No model.)

To all whom it may concern:

Be it known that I, JOHN McCARTHY, of Syracuse, in the county of Onondaga, in the State of New York, have invented new and useful Improvements in Mop-Wringers, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

The invention relates to improvements in mop-wringers; and it consists in the combination and arrangement of parts, as will be more fully hereinafter set forth in the specification, and specifically pointed out in the claims.

In the annexed drawings, Figure 1 is a perspective view of my invention, and Fig. 2 is a plan view of the same.

A represents the mop-pail, preferably secured to a board, B, of sufficient length to allow the operator to apply one or both feet for the purpose of sustaining the pail during the operation of wringing the mop.

a and a' are two metal bars, secured across the top of the pail by means of a plate, c , which is attached to the side of the pail, and has a stud, d , passing through an eye in the ends of each of the bars a a' , and upset or headed on its end, so as to retain the two bars thereon. To the opposite side of the pail is attached a ratchet-plate, r , the teeth of which project above the top of the pail. Near the abrupt or vertical shoulder of the last ratchet-tooth the ratchet-plate r is provided with an aperture or eye, e , through which the end b of the bar a projects, and which thus confines said bar in its position. Said construction greatly facilitates the attachment of the wringer to the pail, and adapts the same to be applied to pails of different diameters, and, furthermore, dispenses with the projections of bolts above the top of the pail, which would be liable to catch and tear the clothes of the

operator. The other bar, a' , is allowed to vibrate or swing on the stud d , and the free end thereof is adapted to engage with the teeth of the ratchet r , and is thereby held adjustably in its proximity to the bar a . The adjacent sides of the two bars are serrated, as shown at s , for the purpose of more securely holding the mop in the operation of wringing, said operation being as follows: The bar a' is swung away from the bar a , and the end of the mop is introduced between the serrated faces of said bars. Then the bar a' is drawn toward the other bar with sufficient force to firmly clamp the mop between them. The bar a' , being interlocked with the ratchet r , retains the mop while the operator twists the same, and thus wrings the water out of it, the pail being in the meantime held by the pressure of the operator's foot on top of the bottom board, B.

Having described my invention, what I claim is—

1. The combination, with a pail, of a bar fixed across the top thereof, a horizontally-vibratory bar hinged on the stationary bar, and a ratchet for engaging the free end of the vibratory bar, substantially as shown and described.

2. The combination, with a pail, of the ratchet-plate r , provided with the eye e , the stationary bar a , having the end b projecting through said eye, and the bar a' , hinged to the opposite end of the bar a , substantially as described and shown, for the purpose set forth.

In testimony whereof I have hereunto signed my name and affixed my seal, in the presence of two attesting witnesses, at Syracuse, in the county of Onondaga, in the State of New York, this 8th day of May, 1883.

JOHN McCARTHY. [L. S.]

Witnesses:

FREDERICK H. GIBBS,
C. BENDIXEN.