

No. 676,625.

Patented June 18, 1901.

H. A. HAYDEN.

MOP WRINGER.

(Application filed Jan. 26, 1901.)

(No Model.)

Fig. 1.

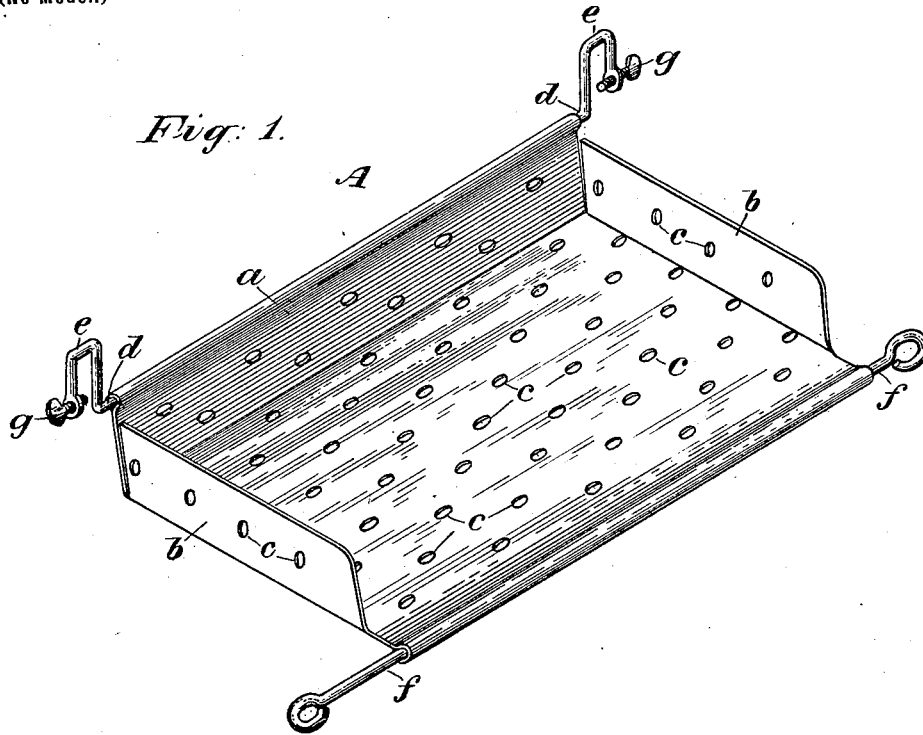


Fig. 2.

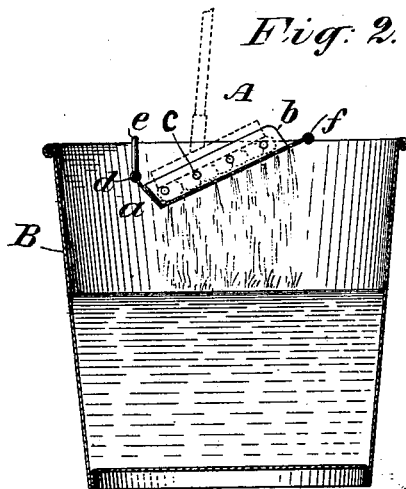
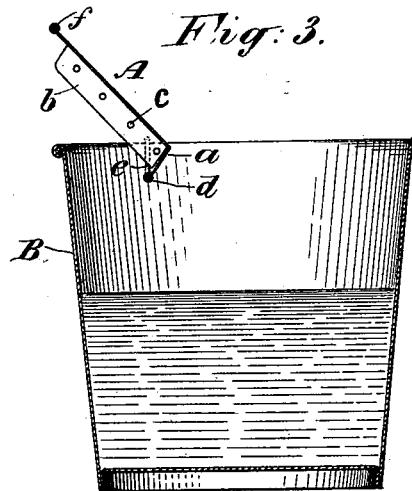


Fig. 3.



WITNESSES:

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MOP-WRINGER.

SPECIFICATION forming part of Letters Patent No. 676,625, dated June 18, 1901.

Application filed January 26, 1901. Serial No. 44,800. (No model.)

To all whom it may concern:

Be it known that I, HENRY A. HAYDEN, a citizen of the United States, residing at Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Mop-Wringers, of which the following is a specification.

This invention relates to a wringer for the class of mops of which that illustrated in my application, Serial No. 37,883, filed November 27, 1900, is a type—that is, a mop which is adapted to have the water removed by simple pressure of the same and not by twisting or compressing between rollers.

In the drawings, which serve to illustrate an embodiment of my invention, Figure 1 is a perspective view of the wringer detached. Figs. 2 and 3 are sectional views, on a smaller scale, showing the application of the wringer to a pail.

The wringer A consists of a pan or tray, of sheet metal, having a back *a* and sides *b*, with perforations *c*. The back *a* is hinged to turn on a hinging or rear supporting-bar *d*, which is bent to form keepers *e* to take over the margin of the pail B, as seen in Figs. 2 and 3. At its front edge the tray has a front supporting-rod *f*, the projecting ends of which rest on the margin of the pail, as seen in Fig. 2.

Normally the wringer A is supported with its bottom inclined to the rear, as in Fig. 2, and the mop (indicated in dotted lines) is inserted and pressed down against the bottom and sidewise against the back and sides of the tray, so as to press or squeeze out the water, the latter flowing into the pail through the apertures or perforations *c*.

In order to provide room for inserting the mop down into the water in the pail, the user throws back the tray, as shown in Fig. 3, and in order that he may do this conveniently with his foot one or both of the extremities of the front supporting-rod *f* are prolonged, so that it may be the better caught with the

foot or hand. In Fig. 1 only one extremity of said rod is shown as so prolonged.

In order to hold the wringer A firmly in position on the pail or adapt it to fit any ordinary pail, the overhanging or outer branch of each keeper *e* is provided with a set-screw *g*, adapted to take under the projecting wired rim on the pail and press on the body of the latter. Any simple fastening means may, however, be employed for this purpose.

Having thus described my invention, I claim—

1. A mop-wringer comprising a tray of apertured or perforated sheet material hinged on a supporting-rod at the back, said rod having keepers to engage the margin of a pail, and said tray having also a supporting-rod at its front to rest on the margin of the bucket, whereby said tray may be turned back, for the purpose set forth.

2. A mop-wringer, comprising a perforated or apertured tray having a back *a* and sides *b*, a hinging rod on which the back *a* is hinged, said rod having keepers *e* above the hinge-axis, and means for supporting the front edge of the tray when the latter is mounted on a pail, whereby the tray is lower at the back than at the front when mounted on a pail.

3. The combination to form a mop-wringer, of the tray of sheet metal having sides and a back, the front supporting-rod for the tray, the back supporting-rod, hinged to the tray and provided with keepers to engage the margin of the pail, and set-screws in the respective keepers to secure the tray in position on the pail, substantially as and for the purpose set forth.

In witness whereof I have hereunto signed my name, this 24th day of January, 1901, in the presence of two subscribing witnesses.

HENRY A. HAYDEN.

Witnesses:

HENRY CONNETT,
PETER A. ROSS.