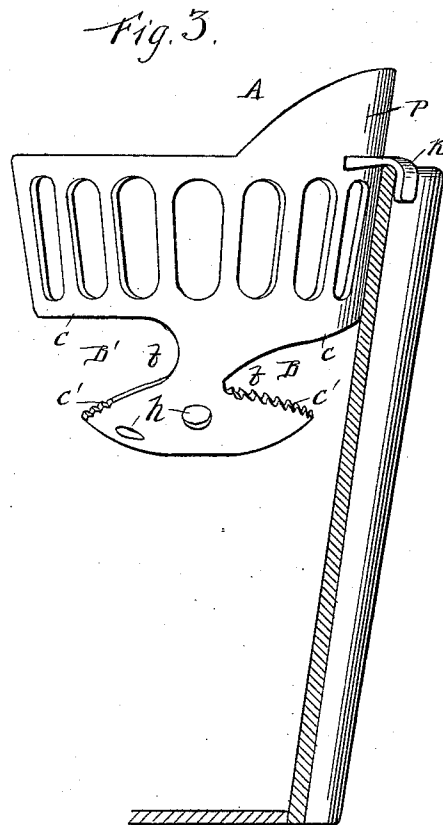
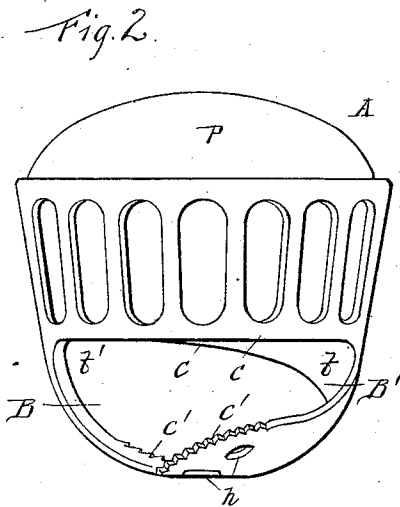
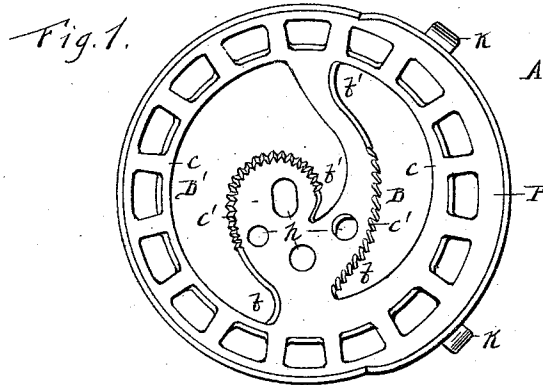


(No Model.)

H. L. ENNES.
MOP WRINGER.

No. 532,653.

Patented Jan. 15, 1895.



WITNESSES

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UNITED STATES PATENT OFFICE.

HOMER L. ENNES, OF PUT-IN-BAY, OHIO.

MOP-WRINGER.

SPECIFICATION forming part of Letters Patent No. 532,653, dated January 15, 1895.

Application filed October 3, 1894. Serial No. 524,820. (No model.)

To all whom it may concern:

Be it known that I, HOMER L. ENNES, a citizen of the United States, and a resident of Put-in-Bay, in the county of Ottawa and State of Ohio, have invented certain new and useful Improvements in Mop-Wringers; and I do 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, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of a plan view of the invention. Fig. 2 is a front elevation of same. Fig. 3 is a side elevation of invention applied.

This invention has relation to certain new and useful improvements in mop wringers, and it consists in the novel construction and combination of parts, all as hereinafter described and pointed out in the appended claim.

An object of the invention is to provide a device of this character which will effectually catch and hold any mop upon the first attempt.

A further object is to provide a wringer adapted to be supported by the edge of a bucket, or other vessel, and having means whereby as the mop is being wrung the water forced therefrom is prevented from running down the outside of such vessel.

Referring to the accompanying drawings, it will appear that the invention consists in a hollow, open-work casting A, inclosing a chamber into which the mop is to be inserted in wringing, such chamber being somewhat smaller in diameter at the bottom than at the top, and of several inches depth. The bottom of said chamber is of concave, approximately semi-spherical form, and has therein upon opposite sides, two large, elongated openings designated respectively by the letters B and B', separated from each other by the bottom proper. Said openings, at opposite ends thereof, are narrowed, as indicated at *b, b'*, for the purpose of wedging the mop therein. The

upper edge *c* of each opening is plain, but the lower edge *c'* is formed with deep inclined teeth or serrations designed to catch the fabric of the mop. The lower edges of the opening B' is also curved, as indicated at *d*.

Mops as commonly made by house-keepers consist of a collection of rags which are secured in a frame attached to a handle, the rags being about equally divided and hanging in two parts. For this reason I have found that it is almost impossible to construct a wringer having but a single opening which will properly catch such a mop. Other forms of mops on the market are also constructed in such a manner that it is very difficult for the wringing devices, as commonly constructed, to catch and hold them properly.

With the present device having the two openings B, B', the entire brush or scrub is caught upon the first insertion and as the handle is turned, it is twisted and wedged in the said openings, moving freely on the plain edges thereof, but held by the teeth at the inner edges. The bottom between said openings is formed with a series of perforations *h*, so that the water forced from the mop is permitted ready escape. Owing to the form of the openings, and the plain edges thereof, the mop is readily released after being wrung, by turning it in the opposite direction.

At one side, the casting A is formed with two hooks K so that when the device is placed in a bucket, or other vessel, said hooks engage the edge thereof and support the device. Above said hooks, the casting is formed with a solid guard flange or apron P. Without this guard, the water, as it is rapidly forced from the mop in wringing, would run down the outside of the bucket or vessel, leaving dirty water on the floor. This is entirely prevented by the guard.

The entire device may be cast integrally.

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

The herein described mop wringer, comprising an integral, chambered casting having a portion of its vertical wall extended to

form a guard flange provided with exterior
hooked lugs adapted for engagement with
the wall of a bucket, and its bottom wall cut
away to form two large, irregular, elongated
5 openings having narrowed or wedging end
portions, one of said openings having its in-
ner wall recurved, and both openings hav-
ing their inner walls toothed, the bottom

wall of the casting between said openings
being perforated, substantially as specified. 10
In testimony whereof I affix my signature
in presence of two witnesses.

HOMER L. ENNES.

Witnesses:

HARRY P. JONES,
WILLIAM M. MILLER.