

(No Model.)

T. A. LOW.  
MOP WRINGER.

No. 548,714.

Patented Oct. 29, 1895.

Fig. 1.

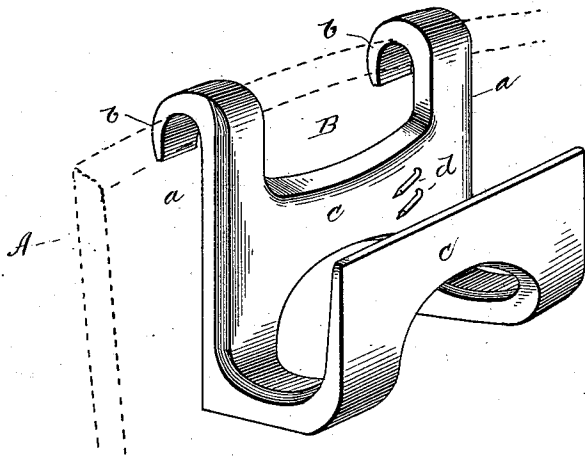


Fig. 2.

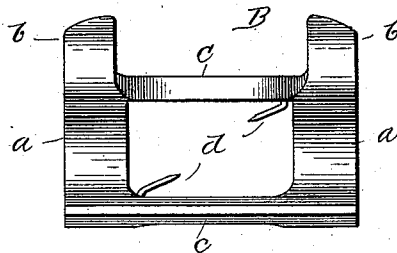
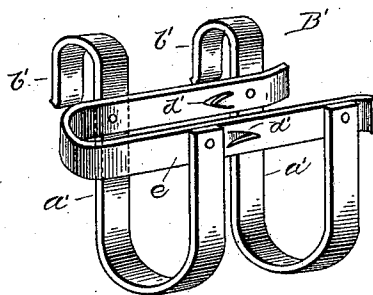


Fig. 3.



Witnesses  
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# UNITED STATES PATENT OFFICE.

THOMAS A. LOW, OF GREENWICH, OHIO.

## MOP-WRINGER.

SPECIFICATION forming part of Letters Patent No. 548,714, dated October 29, 1895.

Application filed April 6, 1895. Serial No. 544,788. (No model.)

*To all whom it may concern:*

Be it known that I, THOMAS A. LOW, a citizen of the United States, residing at Greenwich, in the county of Huron and State of Ohio, have invented certain new and useful Improvements in Mop-Wringers; 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.

This invention relates, generally, to mop-wringers, and particularly to that type of device which is attachable to a bucket or pail; and it has for its object to provide a simple, durable, and inexpensive device adapted to be instantaneously supported on any bucket or pail, whereby the mop may be wrung out and the water expressed therefrom permitted to run back into the pail; and it consists of the parts and combinations of parts herein-after described and claimed.

In the accompanying drawings, forming a part of this specification, Figure 1 is a perspective view showing my improved wringer in place on a section of a bucket or pail; Fig. 2, a plan view of the wringer, and Fig. 3 a perspective view of a modified form of my improved wringer.

Similar letters refer to similar parts throughout all the views.

A represents in dotted lines a portion of a bucket or pail, and B my improved wringer supported thereon. The wringer, as shown in Fig. 1, is preferably formed of a single piece of metal cast with the bars *a*, which terminate in hooks *b*, adapted to fit down over the edge of the bucket or pail to support the wringer in position within the bucket or pail. The bars *a* are cast with the connecting body portion *c* and are of a slightly-flaring U shape, so as to provide a space sufficient to receive a mop between their adjacent faces. As shown in Fig. 1, there is provided a comparatively large space or opening between the bars for the purpose of permitting of the quick escape of the water wrung from the mop into the bucket or pail.

Inclined teeth *d* are cast with the bars *a*, which are arranged at each end of the device and at opposite sides within the space between the upturned ends of the bars and project toward each other, in order to grasp or catch in the mop and hold it, so that the turning of the handle thereof will twist the mop and thus squeeze the water therefrom.

In Fig. 3 I show the wringer, which is lettered B', made of wrought-iron, and in which the bars *a'* are bent U-shaped and formed with the hooks *b'* at one end, the other ends being connected together and the bars held to shape by a U-shaped bar *e*, riveted therebetween, in which are formed the teeth *d'* for a like purpose as those in the first-described form of the device.

It will be observed that the wringer herein described is easy of manufacture, may be made very cheaply, and is adapted to be quickly placed on and removed from any bucket or pail and there held by its hooks without any other fastening or attaching devices.

In use the mop is pushed into the space between the bars, and the handle is then turned, causing the teeth to catch or engage the same and preventing its further movement, bodily, with the handle, while the further turning of the latter will twist the mop and squeeze the water from it into the bucket.

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

A mop wringer, comprising the U-shaped bars formed with hooks at one end, connecting bars therefor, and teeth arranged between and projecting from the adjacent faces of said bars, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

THOMAS A. LOW:

Witnesses:

H. E. PARKER,  
J. F. BEALE.