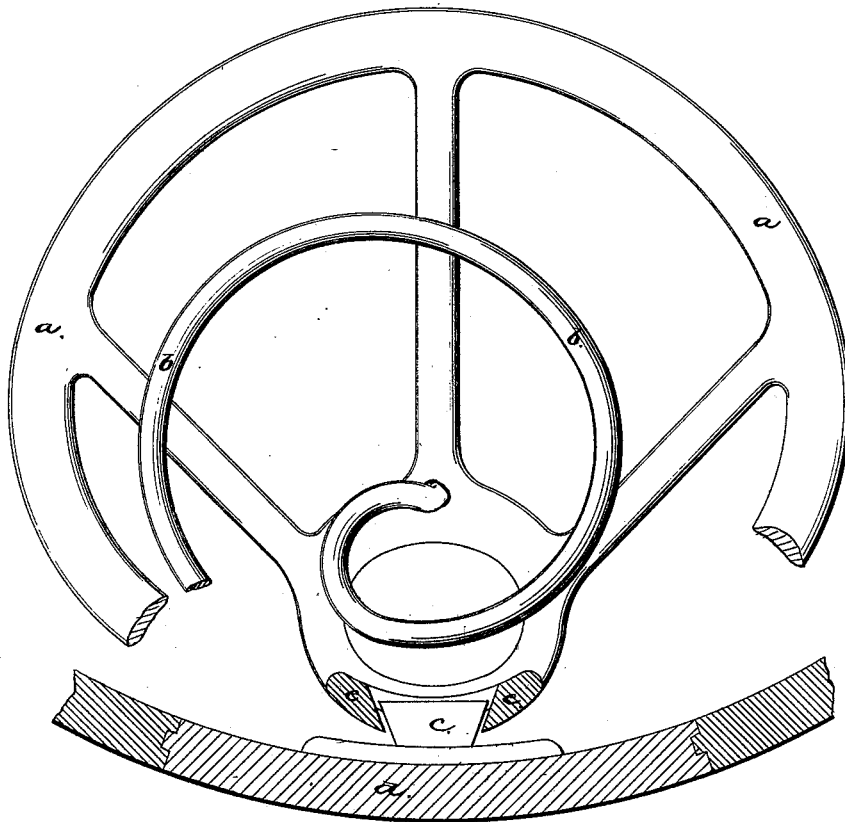


C. A. LIBBY.
MOP-WRINGER.

No. 187,873.

Patented Feb. 27, 1877.



Witnesses:

A. S. Baker

Geo. D. Potter

Inventor:

Caleb Ansel Libby

UNITED STATES PATENT OFFICE.

CALEB A. LIBBY, OF EVANSVILLE, WISCONSIN, ASSIGNOR OF ONE-HALF
HIS RIGHT TO GEORGE D. POTTER, OF SAME PLACE.

IMPROVEMENT IN MOP-WRINGERS.

Specification forming part of Letters Patent No. **187,873**, dated February 27, 1877; application filed
December 2, 1876.

To all whom it may concern:

Be it known that I, CALEB ANCIL LIBBY, of Evansville, county of Rock, State of Wisconsin, have invented a new and useful Improvement in Mop Wringers; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The object of my invention is to furnish a device by which one end of a mop can be held by it securely, thus enabling the operator to wring the water out of it without wetting the hands or stooping to perform the operation.

In the drawing, *a a* represent the framework of the device, which is a funnel-shaped casting of convenient size. *b b* is a spiral conical-shaped wire or flange, which is secured to the frame *a*. *c c* is a dovetailed catch, which receives and fits into a corresponding dovetailed slot in the frame *a*, (a section of which is shown at *e e*,) which slot is slightly tapering toward the top or large end of the frame *a*, into which the catch *c* tightens, thus firmly securing the two together when desired.

The catch *c* is secured to a pail or other wooden vessel by means of screws, as shown.

The frame *a* is readily detached from pail by sliding it upward and off the catch *c*.

The operation of wringing is performed by allowing the mop's extreme end to pass into the large or upper end of the funnel *a*, at the same time twisting it in the direction of the coil *b*; which, being in the form of an inverted cone, draws the mop toward its apex, thus fastening the mop at the extreme end, which enables the operator to wring the entire length of the mop.

Having thus described my invention and mode of operation, and some of its advantages, I claim as new therein and my invention—

The wringer herein described, consisting of the cast frame *a*, having dovetail *e*, and the spiral conical rod *b*, constructed and arranged as set forth.

CALEB ANCIL LIBBY.

Witnesses:

A. S. BAKER,
GEO. D. POTTER.