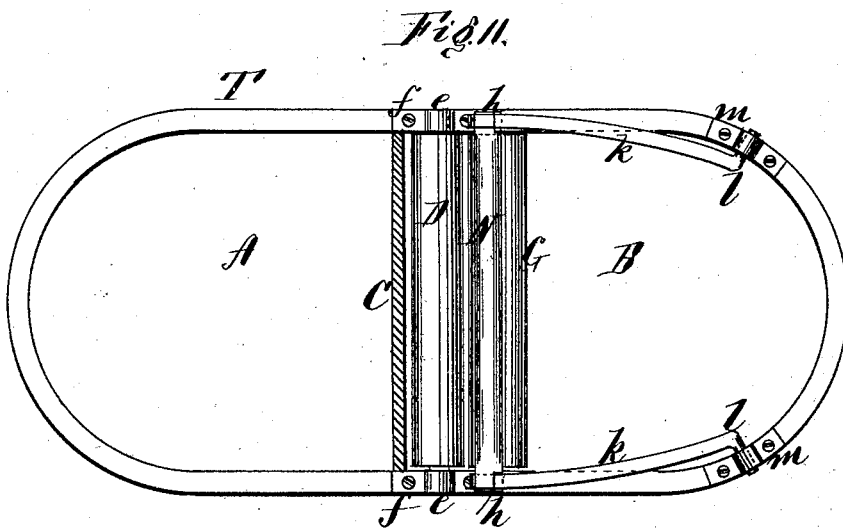
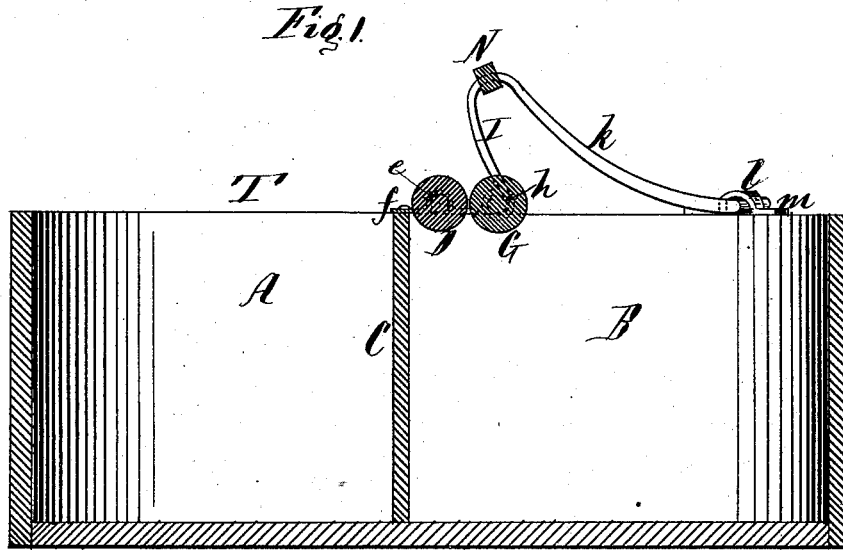


M. REGAN.  
Mop-Wringers.

No. 165,949.

Patented July 27, 1875.



*Witnesses:*  
Franklin Barrett  
Richard Gerner

*Inventor:*  
Michael Regan,  
Per  
Henry Gerner,  
*att'y*

# UNITED STATES PATENT OFFICE.

MICHAEL REGAN, OF CANASTOTA, NEW YORK.

## IMPROVEMENT IN MOP-WRINGERS.

Specification forming part of Letters Patent No. 165,949, dated July 27, 1875; application filed December 1, 1874.

*To all whom it may concern:*

Be it known that I, MICHAEL REGAN, of Canastota, Madison county, State of New York, have invented certain Improvements in Mop-Wringers, of which the following is a specification:

The object of my invention is to provide for a combined tub and mop-wringer, which is so constructed that clean water for immersing the mop is kept in one separate compartment, while the dirty water, wrung by aid of the wringer out of the mop, is collected in another separate compartment.

My invention consists in constructing, by preference, an oval tub, which is partitioned off in the center by a vertical partition placed between the two narrow sides of the tub. To the top of the tub, over one of the compartments, is the wringer fastened, which consists of one roller rotating in journals fastened to the top of the tub near to the center partition, and another roller rotating in journals fastened to the end of springs having arms pivoted in journals, which are fastened to the top and the outer sides of the tub. By this arrangement the last-mentioned roller may be elevated, so as to readily place the mop between the rollers.

By depressing the roller either with the hand or the foot, the operator, drawing the mop toward himself, removes easily the dirty water from the mop and deposits the same in the compartment over which it is held. The aforementioned springs serve to press the rollers together when the mop is drawn through them. After this process the mop is immersed into the second compartment, containing the clean water.

In order to more fully describe my invention I refer to the accompanying drawing forming a part of this specification, of which—

Figure I is a vertical sectional view of a combined tub and wringer embodying my invention. Fig. II is a plan view of the same.

A and B are the two separate compartments of the tub T. C is the partition separating the two compartments. D is one of the wringer-rollers, pivoted in journals *e e*, fastened to the tub at *f f*. G is the other wringer-roller, pivoted in journals *h h*, applied to the ends of the springs I I. K K are the arms, which are pivoted in the journals *l l*, fastened to the tub at *m m*. N is a guard for holding the springs in position, serving at the same time as handle for elevating the roller, and as a foot-rest for depressing the same.

Having thus described my invention, I desire to claim—

In a mop-wringer, the combination, with a tub, T, having two compartments, A B, and provided with a roller, D, arranged over the compartment B, and revolving in journals *e e*, fixed to sides of said compartment, of the arms K K, pivoted at one end to the sides of the chamber B, and at the opposite end provided with springs I, formed with journals *h h* at their lower ends, for supporting the roller G, the whole being constructed and operating substantially as and for the purpose described.

This specification signed this 9th day of November, 1874.

MICHAEL REGAN.

Witnesses:

ANTON C. CRONDAL,  
FRANKLIN BARRITT.