

No. 709,586.

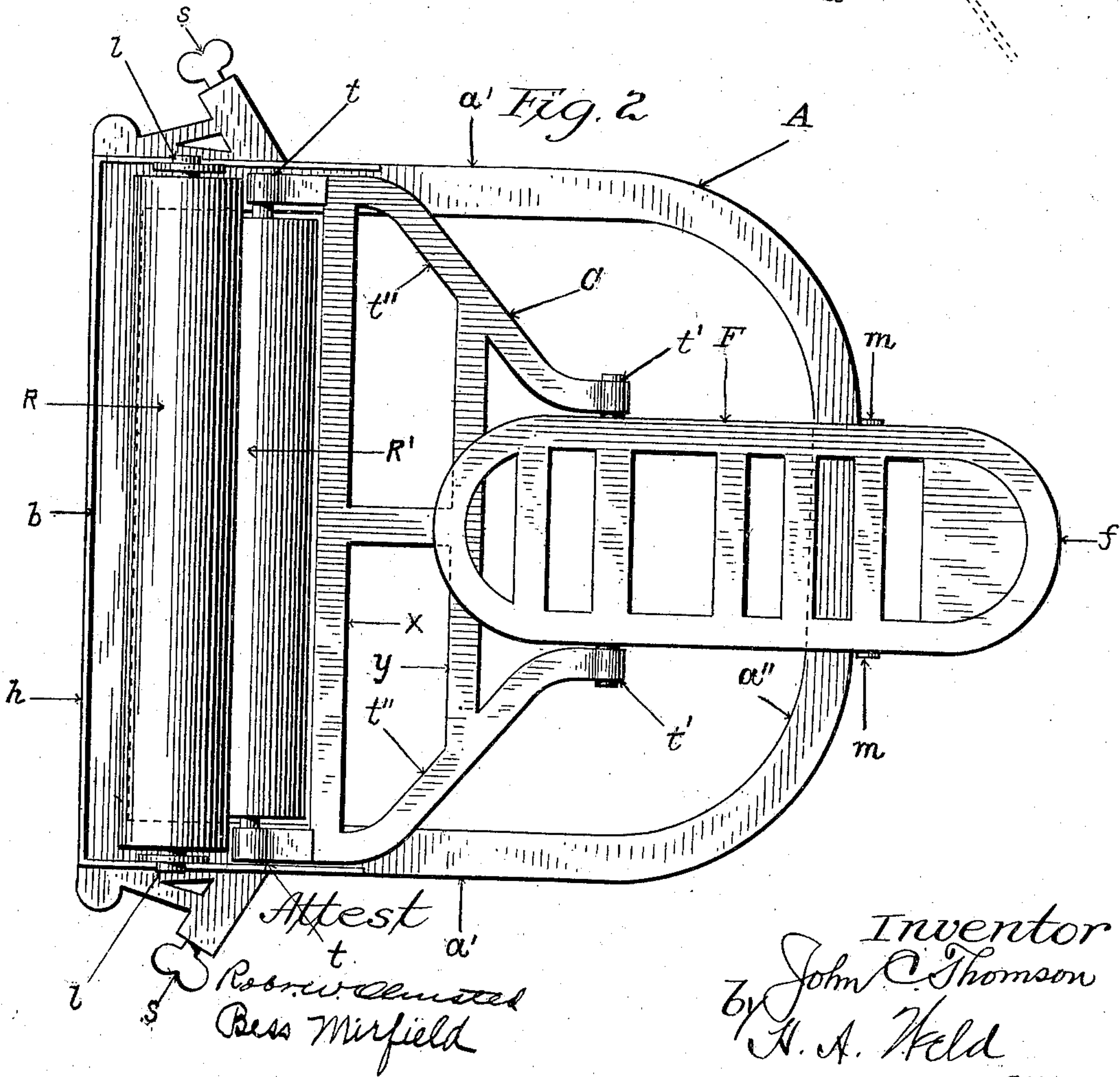
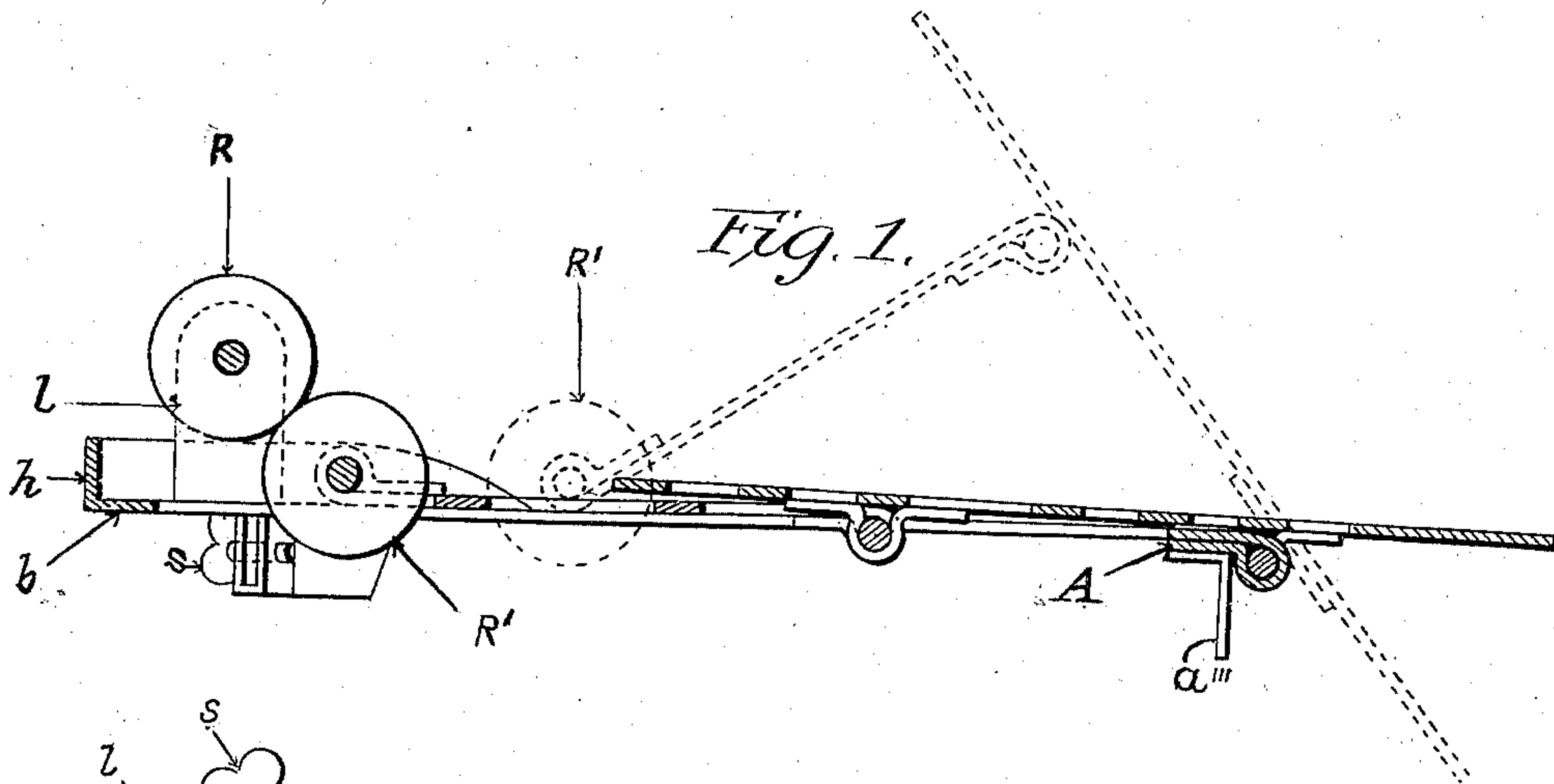
J. C. THOMSON.

Patented Sept. 23, 1902.

MOP WRINGER.

(Application filed Sept. 23, 1901.)

(No Model.)



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UNITED STATES PATENT OFFICE.

JOHN C. THOMSON, OF ROCK ISLAND, ILLINOIS.

MOP-WRINGER.

SPECIFICATION forming part of Letters Patent No. 709,586, dated September 23, 1902.

Application filed September 23, 1901. Serial No. 76,144. (No model.)

To all whom it may concern:

Be it known that I, JOHN C. THOMSON, a citizen of the United States, residing at Rock Island, in the county of Rock Island and State of Illinois, have invented a certain new and useful Mop-Wringer, of which the following is a specification.

The object of my invention is to provide a mop-wringer convenient and useful, and I carry out my invention by the means set forth in the specification following.

In the drawings accompanying and forming a part of the specification, wherein the same character refers to the same part in the several views, Figure 1 is a vertical section of the wringer in a plane at right angles to the axis of the rollers. Fig. 2 is a plan of the wringer.

In the drawings, A represents a framework, preferably of metal, which is adapted to rest upon the top of a common wooden pail or bucket and to be secured thereto by means of the set-screws *s s* and the flange *a'''*, which together embrace the upper periphery of the pail. The framework A consists of the parallel side bars *a' a'*, which are curved inward to meet, forming what may be termed the "rear portion" of the framework, in an arc *a''*, conforming approximately to the arc of the top of a pail. The front portion of the framework is the bar *b*, which is somewhat widened, so as to direct water into the pail. The upward flange *h* on the bar *b* on the side bars *a' a'* is adapted to catch water from the mop and direct it back into the pail. The wringer has two rollers, one of which, R, is stationary and is journaled in the lugs *l l*, projecting upward from the framework A, so as to be somewhat higher than the other roller. The second roller R' is journaled in the framework or yoke C and moves forward and backward with that yoke upon the framework A. The yoke C consists of the lugs *t t*, wherein is journaled the roller R', the lugs *t' t'*, wherein is hinged the foot-lever, the side pieces *t'' t''*, which curve inward, and the cross-pieces *x* and *y*.

The portion *f* of the foot-lever F extends backward for a convenient distance over the framework and the edge of the pail and is hinged on the framework A at *m*, hinge *m* be-

ing opposite and parallel to the rollers and sufficiently far to the rear to afford sufficient leverage for pushing the roller R' forward when it is withdrawn as far as the contour of the framework A will admit. It is also hinged in the lugs *t' t'* of the yoke C and may extend forward sufficiently to bring its forward end over the cross-piece *y* of the yoke C when it is in the position shown in Fig. 2, as shown in the drawings. In operating this device the portion *f* of the foot-lever is brought downward, elevating the forward portion and withdrawing the roller R', as shown by the dotted lines in Fig. 1. The mop can then be placed in the pail, and when it is withdrawn the operator by foot-pressure upon the forward portion of the foot-lever F brings the rollers into juxtaposition and wrings the mop.

It is obvious that the construction shown permits the movable roller R' to approach and be withdrawn from the stationary roller R in a horizontal plane, and by reason of that it is possible for the movable roller to occupy a position lower and nearer the operator than the stationary roller, features which, so far as I am aware, are not secured by any other construction.

What I claim as new, and desire to secure by Letters Patent, is—

1. A mop-wringer comprising a frame with means for clamping it to the top of a pail, a stationary roller journaled therein, a sliding yoke supported by said frame, a roller journaled in said yoke, and a foot-lever having its rear portion hinged to the edge of the frame and its front portion hinged to said yoke, substantially as described.

2. A mop-wringer comprising a frame with means for clamping it to the top of a pail, a stationary roller journaled therein, a sliding yoke supported by said frame, a roller journaled in said yoke, and a foot-lever having its rear portion hinged to the edge of the frame and its front portion hinged to said yoke, said foot-lever extending beyond both of its hinged connections, substantially as described.

JOHN C. THOMSON.

Witnesses:

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