

No. 755,778.

PATENTED MAR. 29, 1904.

J. A. HOYT.  
MOP WRINGER.

APPLICATION FILED MAY 25, 1903.

NO MODEL.

Fig. 1.

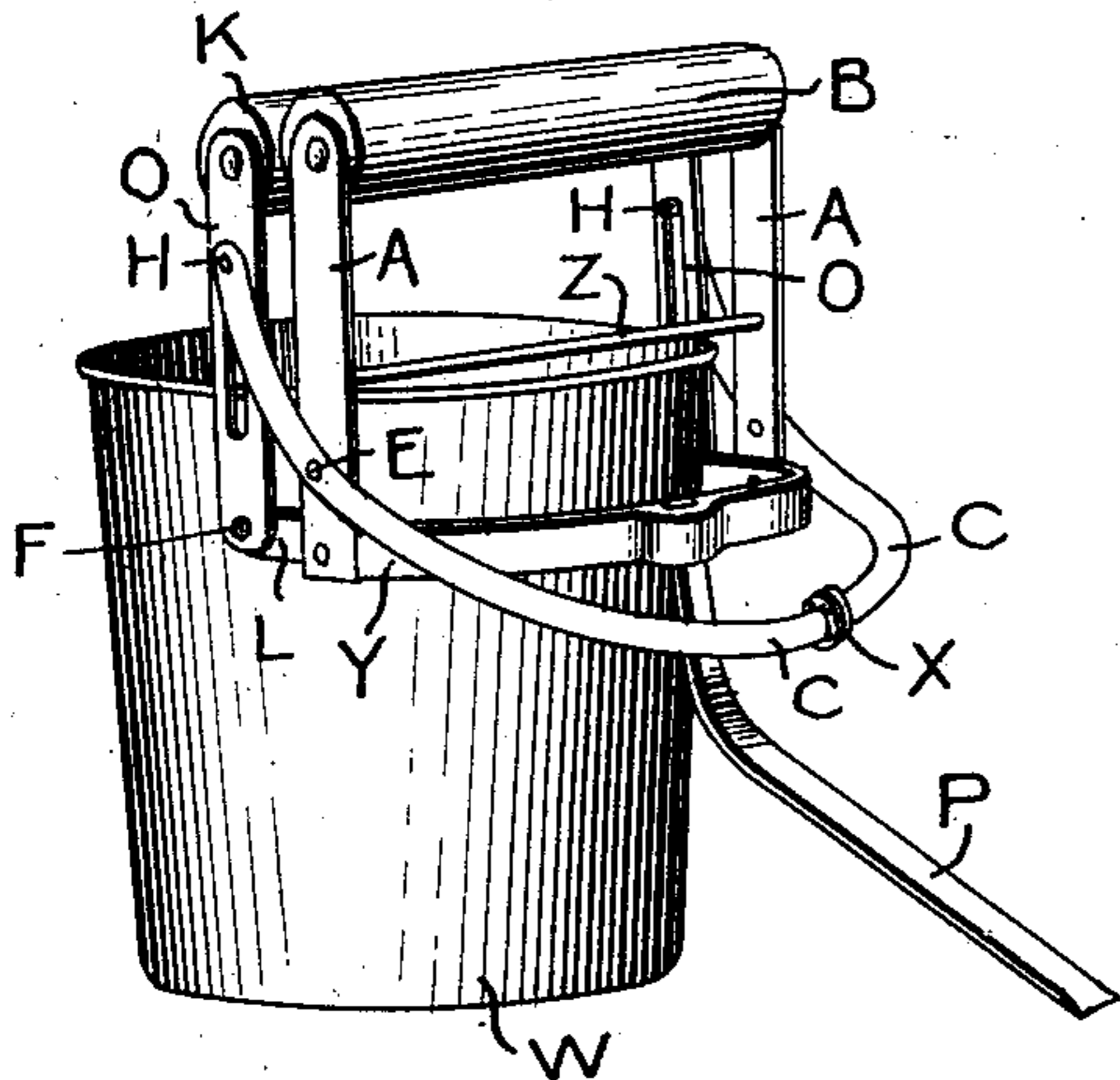


Fig. 2.

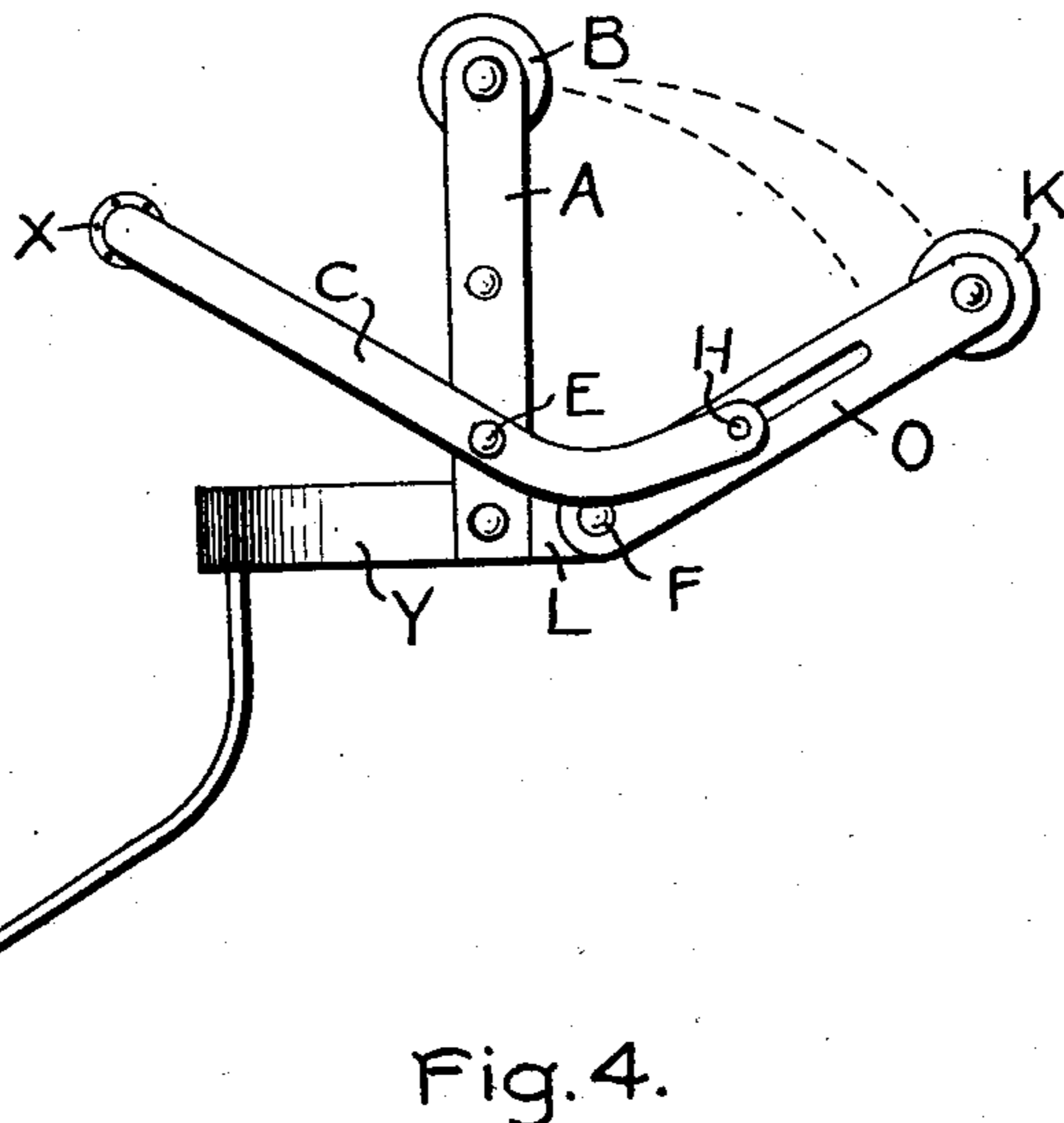


Fig. 3.

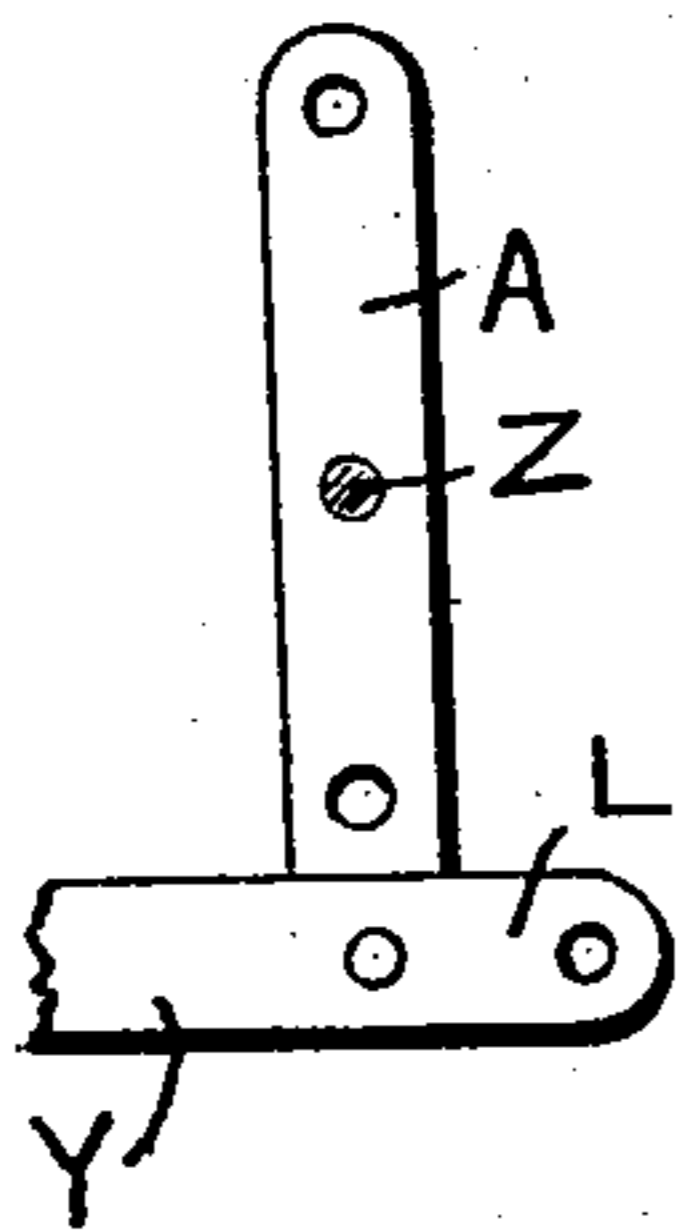


Fig. 4.

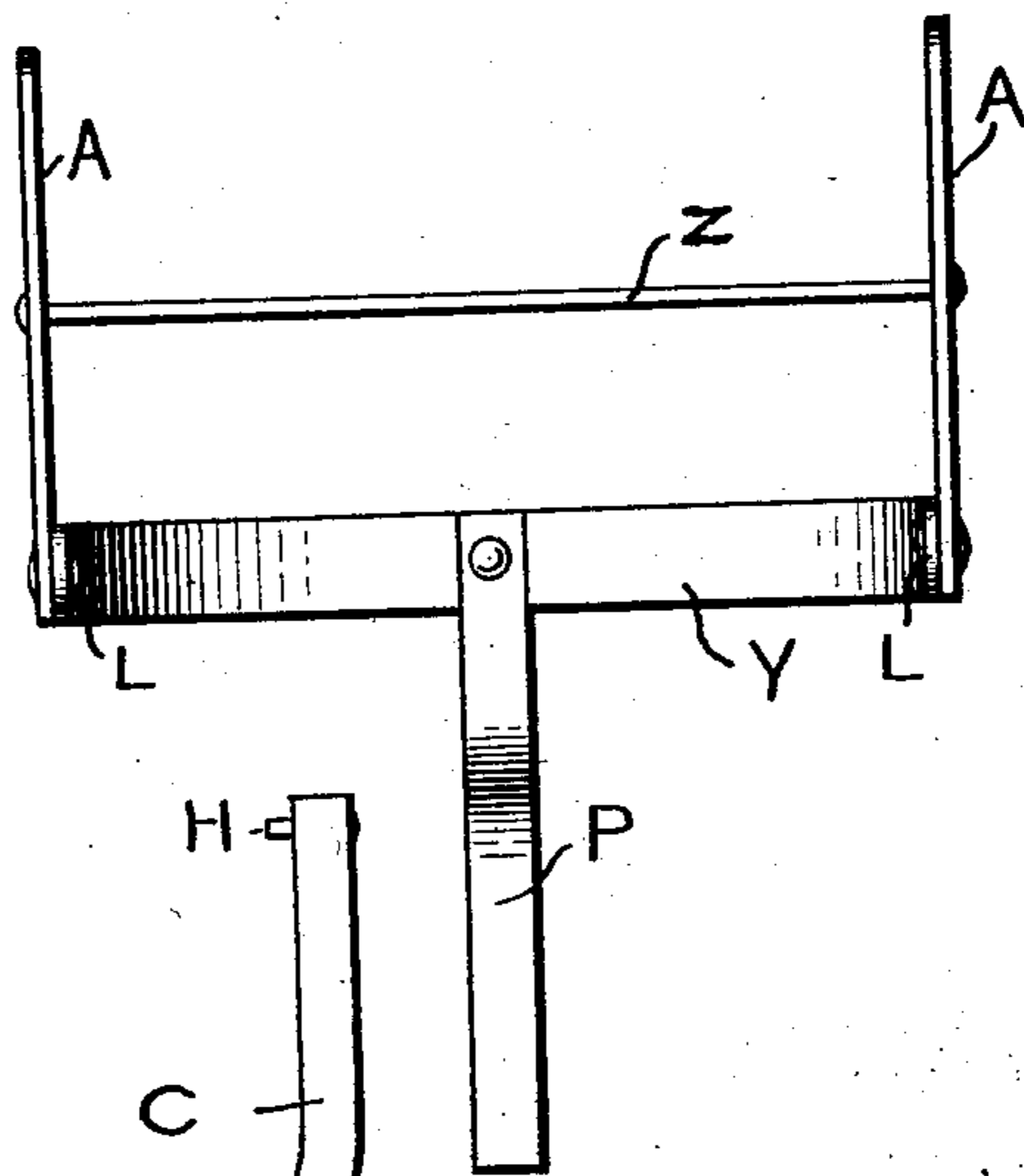
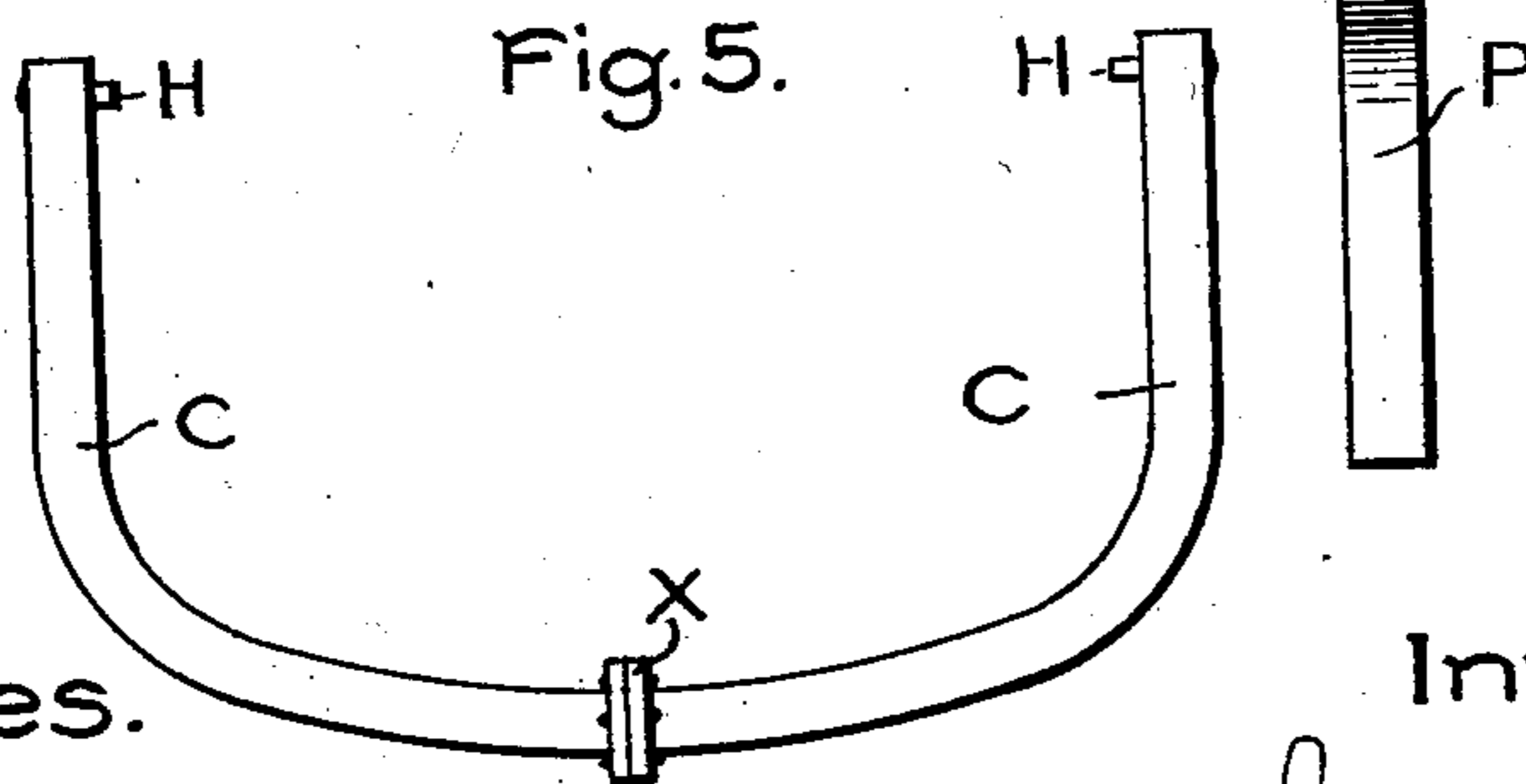


Fig. 5.



Witnesses.

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# UNITED STATES PATENT OFFICE.

JAMES A. HOYT, OF SCOTIA, NEW YORK.

## MOP-WRINGER.

SPECIFICATION forming part of Letters Patent No. 755,778, dated March 29, 1904.

Application filed May 25, 1903. Serial No. 158,762. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES A. HOYT, a citizen of the United States, residing at Scotia, in the county of Schenectady and State of New York, have invented a new and Improved Mop-Wringer, of which the following is a specification.

My invention relates to improvements in mop-wringers in which two compound variable levers and two rollers are used in conjunction with a rigid frame.

In the accompanying drawings, Figure 1 shows a perspective view of machine with rollers closed. Fig. 2 is a side view of same with rollers open. Fig. 3 is an inside view of one of the uprights detached. Fig. 4 is a front view of uprights, frame, and support-bar detached. Fig. 5 is a top view of levers C C detached.

The frame Y, made in a curved form, extends to opposite sides of pail W. To this frame Y are rigidly secured two uprights A A. Through uprights A A a support-bar Z passes in a straight line and acts as a support for the machine and rests upon the pail W when working. From the center of the curved frame Y and secured to the same in any suitable manner is a brace P, which extends downward and backward to the floor and acts opposite to the pressure of the foot upon levers C C. Through the upper ends of uprights A A is journaled a roller B. Two curved levers C C are pivoted to the uprights A A by means of pivot-bolts or rivets E E.

In the weight ends of curved levers C C are pins H H. From the ends of frame Y extend arms L L, to which are pivoted, by means of pivot-bolts or rivets F F, two slotted levers O O, through the upper ends of which is journaled a roller K. The pins H H in curved levers C C are received by and slide in the slots in the short levers O O. The pivots F F are well forward of and slightly below the level of the fulcrum-pivots E E. The power ends of the curved levers C C are joined at X in the rear of the frame Y in order that the foot may be placed upon both levers at one and the same time. When the power ends of curved levers C C are moved upward, the pins H H in the weight ends of said levers engage the short levers O O and force the roller K in the upper ends of said levers outward and downward, causing a continuous variation and extension of levers, as shown by the dotted lines on Fig. 2 of the drawings.

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

A mop-wringer comprising a frame provided with arms L, uprights A, support-bar Z, and brace P, levers O, pivoted to arms L, levers C, pivoted to uprights A, and slidingly connected with the levers O, and rollers journaled in the uprights and the levers O, substantially as set forth.

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Witnesses:

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