R. G. BALDWIN & A. J. PARKHURST.

WRINGING-MACHINES.

No. 193,682. Patented July 31, 1877.

Fig. 1.

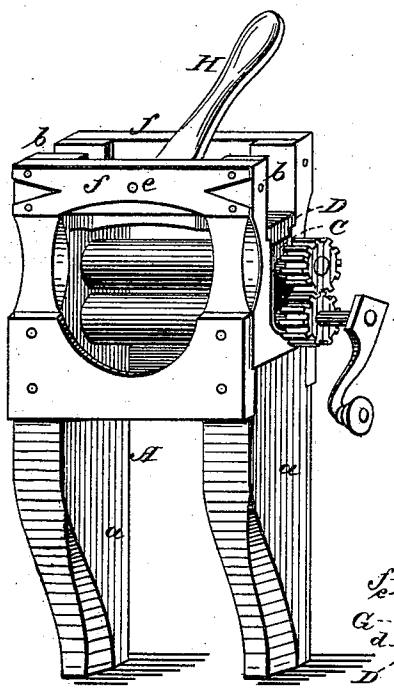


Fig. 2.

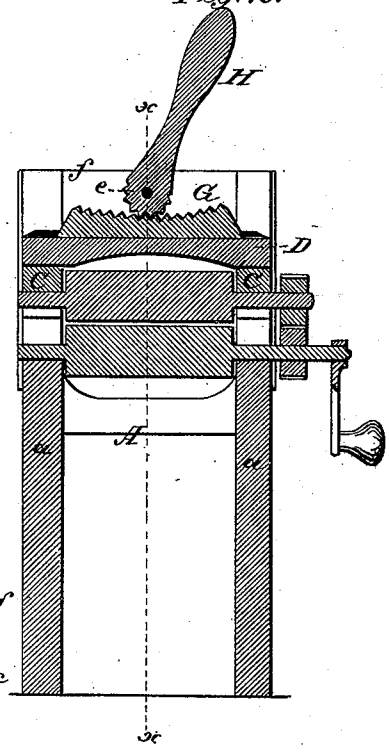
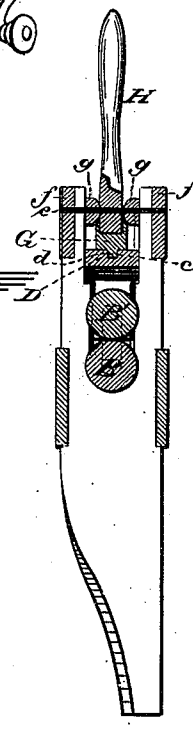


Fig. 3.



Attest:
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UNITED STATES PATENT OFFICE.

RANSON G. BALDWIN AND ANDREW J. PARKHURST, OF OSKALOOSA, IOWA; SAID BALDWIN ASSIGNOR TO SAID PARKHURST.

IMPROVEMENT IN WRINGING-MACHINES.

Specification forming part of Letters Patent No. **193,682**, dated July 31, 1877; application filed March 17, 1877.

To all whom it may concern:

Be it known that we, RANSON G. BALDWIN and ANDREW J. PARKHUKST, or Oskaloosa, in the county of Mahaska and State of Iowa, have invented certain new and useful Improvements in Wringing-Machines; and do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of our improved wringing-machine complete. Fig. 2 is a vertical cross-section, and Fig. 3 is a vertical longitudinal section, of the machine.

Similar letters of reference indicate corresponding parts in all the figures.

This invention relates to clothes-wringing machines; and it consists in certain improvements in the mechanism for adjusting the rollers in relation to each other, as hereinafter more fully shown and specified.

In the drawing, A is the frame of the machine. B B′ are the rollers, the lower of which, B, has its bearings in the side pieces *a a* of frame A, while the bearings C C for the upper roll B′ slide, in the usual manner, in side pieces *a a*, the upper ends of which are forked, as shown at *b*.

On top of the blocks C C, which form the bearings for roll B′, we place a presser-plate, D, having a groove or guideway, *d*. G is a curved rack, having on its under side a ridge, *c*, which fits into the groove *d* of presser-plate D, in which it slides. The rack G is operated by a cog-lever, H, which is pivoted upon a pin or bolt, *e*, that passes through the upper front and rear pieces *f f* of frame A. The inner sides of the pieces *f f* have butts *g g*, which serve as washers, and to retain the lever H in its proper position to engage with rack G.

The operation and advantages of our invention will be readily understood from the foregoing description, and by reference to the drawings hereto annexed. When the lever H is held perpendicular, the middle or lowest part of the curved rack G is under its fulcrum, and the rolls B B′ will easily admit of heavy clothing passing between them, the bearings C C of the upper roll sliding up in the forked side pieces *a a;* but when the lever is depressed to either side, the result naturally is that the rolls are forced together to any desired extent, which is regulated by the lever.

Having thus described our invention, we claim and desire to secure by Letters Patent of the United States—

The combination of the presser-plate D having groove *d*, rack G having ridge *c*, frame-pieces *f f* having butts *g g*, and pivoted cog-lever H, substantially as and for the purpose herein shown and specified.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in presence of two witnesses.

RANSON G. BALDWIN.
ANDREW J. PARKHURST.

Witnesses to the signature of Baldwin:
JAS. L. DOWNING,
A. M. JOHNSON.

Witnesses to the signature of Parkhurst:
R. G. BALDWIN,
W. F. MARK.