JOHN TABER.

Improvement in Washing and Wringing-Machines.

No. 114,990. Patented May 16, 1871.

Fig. 1.

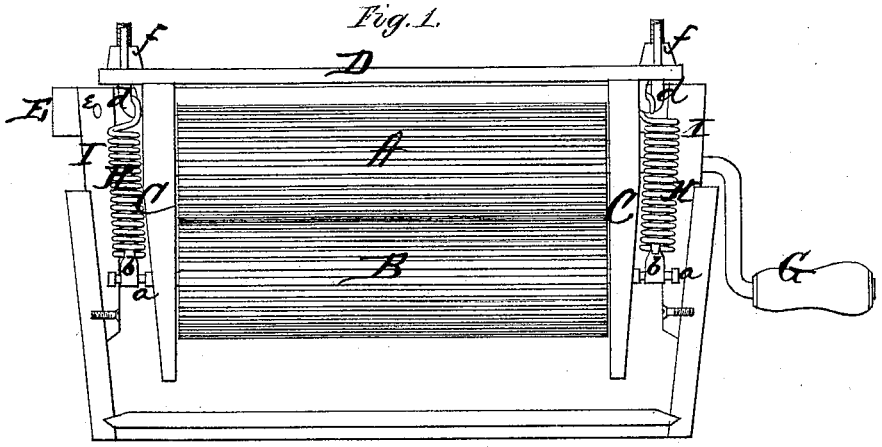
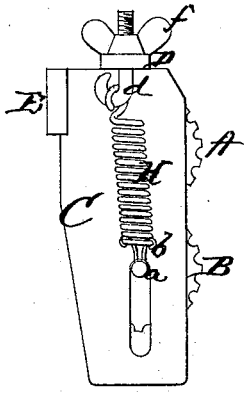


Fig. 2.



Witnesses
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A.M. PHOTO-LITHOGRAPHIC CO. N.Y. (OSBORNE'S PROCESS.)

UNITED STATES PATENT OFFICE.

JOHN TABER, OF SOUTH WOLFBOROUGH, NEW HAMPSHIRE.

IMPROVEMENT IN WASHING AND WRINGING MACHINES.

Specification forming part of Letters Patent No. 114,990, *dated May* 16, 1871.

To all whom it may concern :

Be it known that I, JOHN TABER, of South Wolfborough, in the county of Carroll and State of New Hampshire, have invented certain new and useful Improvements in Washing-Machine and Wringer combined; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The nature of my invention consists in the construction and arrangement of a clothes-wringer and washing-machine, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a front view of my machine, and Fig. 2 is an end view.

A and B represent two longitudinally-corrugated or fluted rollers, so constructed that the corrugations can gear or mesh into each other. The roller A has its journal-bearings in two end pieces, C C, which are connected together by two slats, D and E, the former on the upper ends and the latter on the rear sides near the upper ends of the end pieces. To one of the journals of the roller A a crank, G, is attached, by means of which said roller is turned.

It will be seen that the ends of the slats D E project beyond the side pieces C.

The roller B is placed directly under the roller A, and its journals *a a* pass through vertical slots in the end pieces, and have their bearings in hooks or stirrups *b b* attached to the lower ends of coiled springs H H. The upper ends of these springs are attached to screw-hooks *d d*, which pass through the ends of the slat D, and have a thumb-nut, *f*, upon their upper or screw ends.

The springs H hold the lower roller B up against the upper roller A, and allow it yield sufficiently for the passage of the clothes between them. The tension of the springs is readily regulated by the thumb-nuts *f f*.

This wringer is attached to a tub by means of two upright pieces, I I, fastened to the tub, the upper end of one of said pieces having a recess or mortise for the insertion of one end of the slat E, while the other end of said slat is laid in a slot in the other upright, and held by a pin, *e*. The two uprights are so arranged that the two end pieces will be held steady against the edges of said uprights and against the sides of the tub.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the rollers A B, frame C D E, crank G, stirrups *b b*, springs H H, screw-hooks *d d*, and thumb-nuts *f f*, all constructed and arranged to form a clothes-wringer, and attached to a wash-tub by means of the uprights I I and pin *e*, substantially as herein set forth.

In testimony that I claim the foregoing as my own, I affix my signature in presence of two witnesses.

JOHN TABER.

Witnesses:

J. PAULET SMITH,

WM. C. FOX.