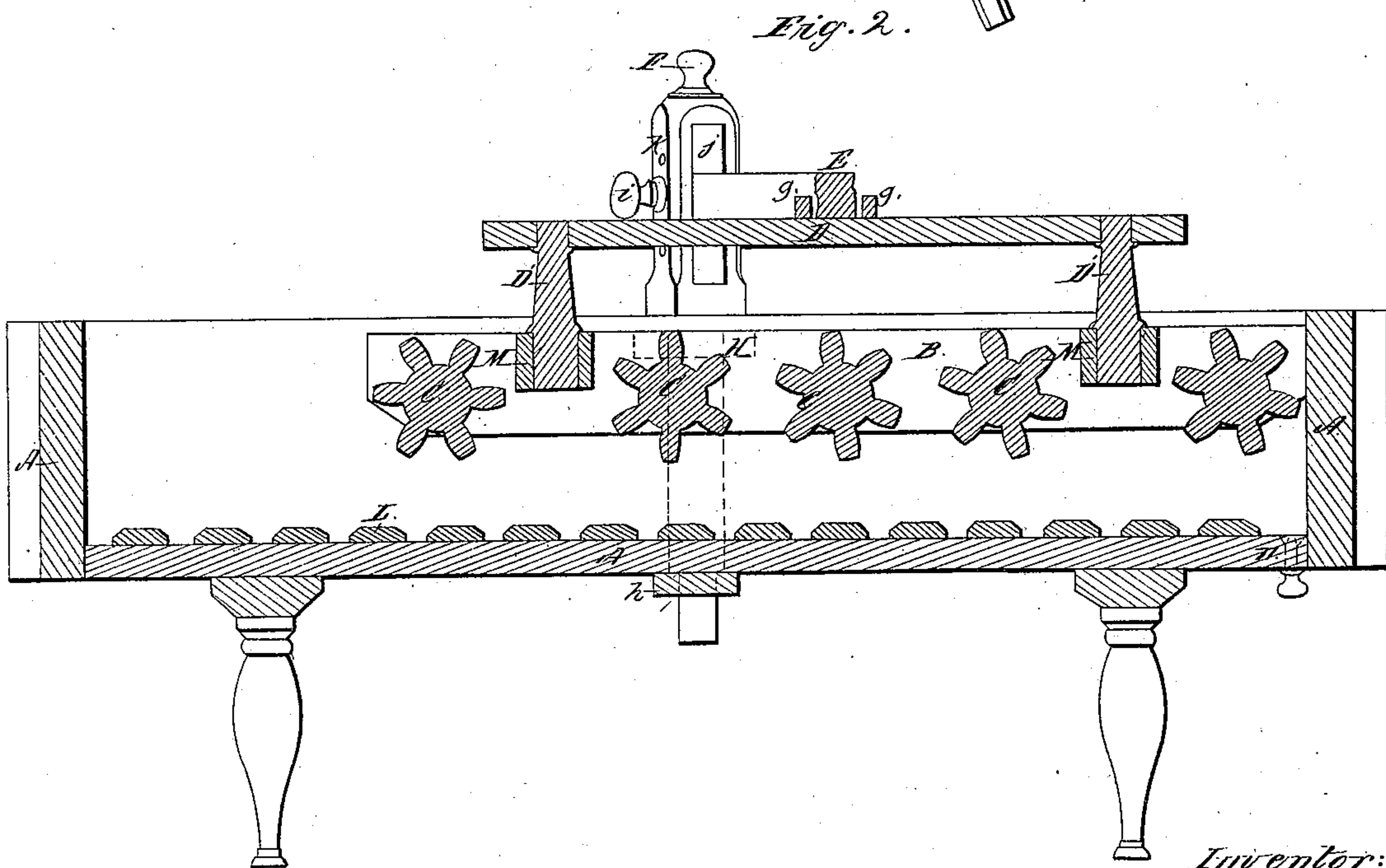
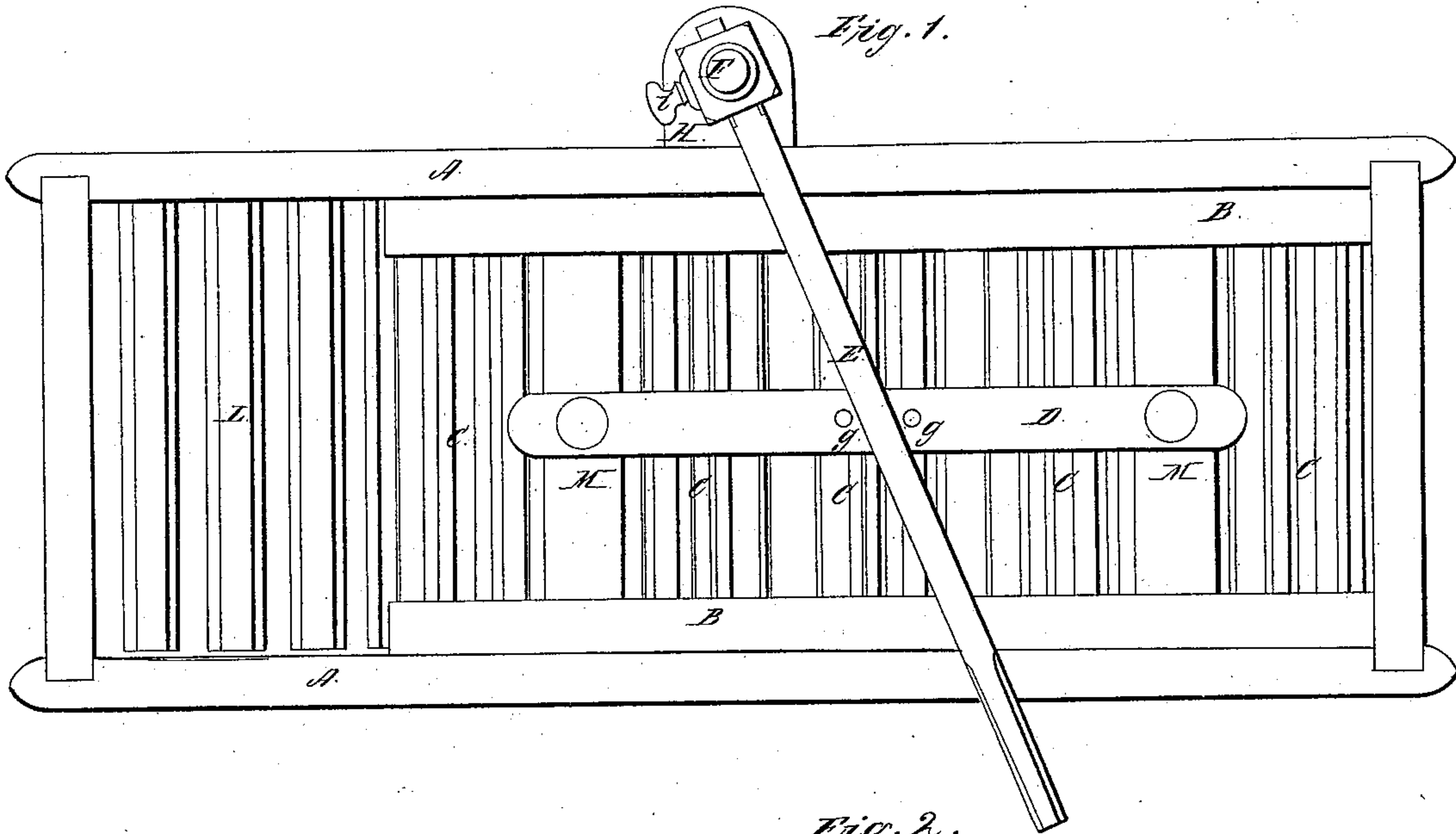


*L & J H Gail,*

*Washing Machine.*

*N<sup>o</sup> 23,765.*

*Patented Apr 26, 1859.*



*Witnesses:*  
*E B Fortush*  
*R W Harkins*

*Inventor:*  
*Lockwood Gail*  
*John H Gail*

# UNITED STATES PATENT OFFICE.

LOCKWOOD GAIL AND JOHN H. GAIL, OF WEST FALLS, NEW YORK.

## WASHING-MACHINE.

Specification of Letters Patent No. 23,765, dated April 26, 1859.

*To all whom it may concern:*

Be it known that we, LOCKWOOD GAIL and JOHN H. GAIL, of West Falls, town of Aurora, Erie county, and State of New York, have invented certain new and useful Improvements in Machines for Washing Clothes; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure I is a plan and Fig. II a longitudinal section of our improved washing machine.

Letters of like name and kind refer to like parts in each of the figures.

A is a rectangular tub or box which receives the clothes to be washed. A series of slats or ribs are fastened to the bottom of the tub as represented at (L). A space is left between the ends of these ribs and one side of the tub to allow the water to be drawn off at the faucet (n.)

B, C, and D, D' represent a reciprocating and removable rubber, made shorter than the tub and somewhat narrower, so that it can be easily moved to and fro over the clothes which lie on the bottom of the tub. The corrugated rollers (C) turn in journals in the side pieces (B,) so that when the rubber is moved the rollers will roll on the clothes and rub and wash them upon the corrugated surface below. The raised cross piece (D) is supported on the cross pieces (M). The timbers or pieces (B, D, M D') constitute the rubber frame to support and operate the rollers (C,) the whole taken together constituting the "rubber."

E is a lever having its fulcrum in the vertical post (F,) and resting on the cross piece (D.) Two pins (g) are inserted in the cross piece on each side of the lever and against which the lever works to move the rubber to and fro.

(F) is a vertical post or fulcrum supported on one side of the tub (A) by the brackets (H, h,) and in which it turns and accommodates the movement of the lever. A vertical slot (j) is made in this post which receives the end of the lever (E.) A pin (i) passing through the post and the end of the lever, holds it in place. A series of holes (k) are made in the post so that the height of the end of the lever may be regulated to correspond with the height of the cross piece as its position may be changed by the quantity of clothes in the tub.

The mode of operating is as follows: The proper quantity of clothes are placed in the tub. The rubber is then put into the tub and rests on the clothes. A sufficient quantity of water should be put in with the clothes. By working the lever (E) a reciprocating motion will be given to the rubber causing the rollers (C) to roll over and upon the clothes in the tub. The rubber can easily be removed from the tub in order to adjust or change the clothes. More or less pressure may be applied on the lever by the person working the same and consequently upon the clothes in the tub. A thorough washing of the clothes is obtained by this improvement, with but little manual labor.

What we claim as our invention and desire to secure by Letters Patent is—

The arrangement of the vertical post F and lever E, with the rubber, the whole being constructed, arranged and operated in the manner, substantially as herein described.

LOCKWOOD GAIL.  
JOHN H. GAIL.

Witnesses:

E. B. FORBUSH,  
W. H. FORBUSH.