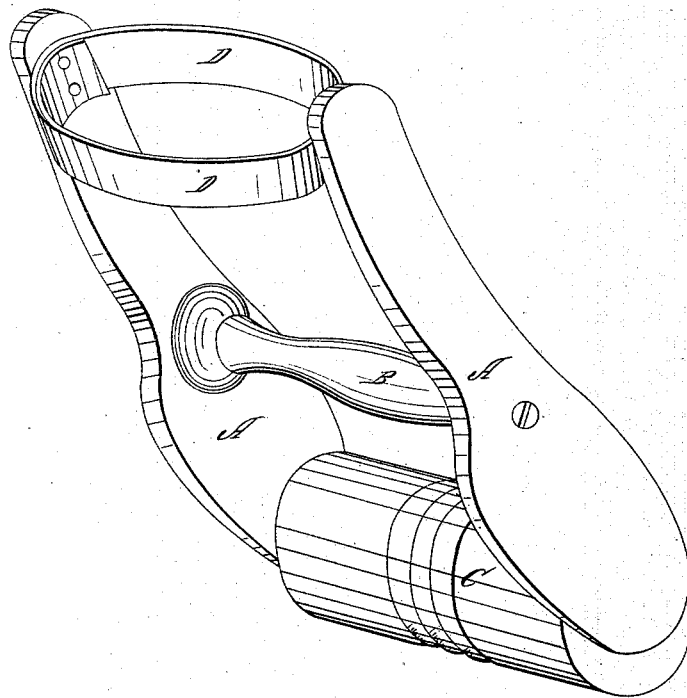


*J. E. Atwood,*

*Hand Rubber.*

*N<sup>o</sup> 49,359.*

*Patented Aug. 15, 1865.*



*Witnesses:*

*Edward Knight  
W. F. Hall*

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James E. Atwood.  
By *Munroe*  
Attorneys.*

# UNITED STATES PATENT OFFICE.

JAMES E. ATWOOD, OF LYNN, MASSACHUSETTS.

## WASHING-ROLLER.

Specification forming part of Letters Patent No. 49,359, dated August 15, 1865.

### *To all whom it may concern:*

Be it known that I, JAMES E. ATWOOD, of Lynn, in the county of Essex and State of Massachusetts, have made a new and useful Improvement in Hand Washing-Rollers; and I do hereby declare the following to be a full, clear, and exact description of the nature, construction, and operation of the same, reference being had to the accompanying drawing, which is made part of this specification, and in which my improvement is represented in perspective.

My improvement consists of a rubbing or pressure roller in a suitable frame, a handle to be grasped by the operator, and a ring of leather or soft material to encircle the arm, to add to the comfort and effectiveness in manipulating the instrument.

To enable one skilled in the art to which my invention is allied to construct and use the same, I will proceed to describe it.

A A are two side pieces, and B a handle. C is a grooved roller pivoted in the side pieces by axial pins. D is the ring of leather or other

soft material through which the hand of the operator is passed to grasp the handle B, which is rigidly secured to the side pieces, A A, while the roller C rotates freely on its journals.

The instrument being held in the manner described and the clothes being laid upon a board, the roller is caused to travel back and forth over the clothes, expressing the water and dirt therefrom.

The process has been found to be speedy and effective and to be less destructive to the fabric than the familiar method of rubbing the clothes upon a corrugated board.

Having described my invention, what I claim therein, and desire to secure by Letters Patent, is—

The hand washing-roller, constructed, substantially as described, with a handle, roller, armlet, and frame.

JAMES E. ATWOOD.

Witnesses:

GEORGE W. SOUTHWORTH,  
S. G. CLARK.