

**W. H. BLYE.**  
**Hand-Rubbers.**

No. 145,927.

Patented Dec. 30, 1873.

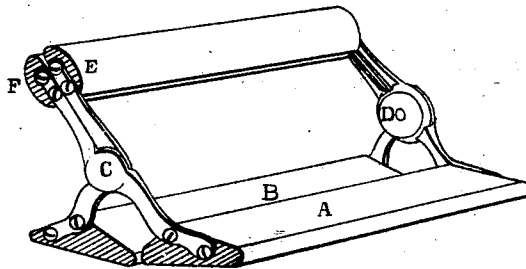


FIG. 1.

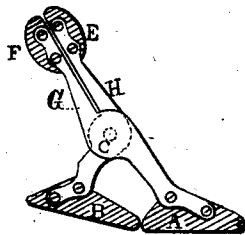


FIG. 2.

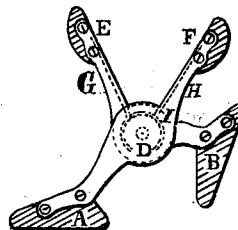


FIG. 3.

Witnesses.

*Edmond D. Gird*  
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# UNITED STATES PATENT OFFICE.

WILLIAM H. BLYE, OF SYRACUSE, NEW YORK.

## IMPROVEMENT IN HAND-RUBBERS.

Specification forming part of Letters Patent No. **145,927**, dated December 30, 1873; application filed October 6, 1873.

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

Be it known that I, WM. H. BLYE, of the city of Syracuse, county of Onondaga and State of New York, have invented an Improved Device for Washing Clothes, of which the following is a specification:

The object of my invention is an improvement in devices for holding clothes or garments to be washed on a common wash-board, whereby the hands are protected from injury by the hot suds, and from contact with the board. A greater rubbing-surface is also brought to bear on the clothes by this device than when washed by hand, causing them to be more speedily and effectually washed.

In the washers heretofore used, the jaws or rubbing-pieces by which the clothes are held are fastened together by hinges at their top or upper edge, and their ends are tapered to form handles. The improvement claimed for my machine over this method consists in placing the handles at a distance from the rubbing-pieces by means of the metallic arms, whereby the hands are protected from contact with the hot suds; and also in placing the hinges between the handles and rubbing-pieces, by which arrangement a much greater leverage is obtained, and the operator is enabled to hold the clothes with greater ease; also in its being provided with a spring for the purpose of releasing the clothes when sufficiently washed.

Figure 1 of the drawing represents a perspective view of my machine. Fig. 2 is an

end view, showing the machine closed as when in use. Fig. 3 is an end view of the machine open, showing the hinge and spring, also the handles and rubbing-pieces.

The rubbing-pieces A and B are pieces of wood constructed with a flat under surface, or it may be grooved to assist their action. One is made somewhat wider than the other. These pieces are connected to each other and to the handles by the metallic arms G and H, which cross each other, and are pivoted together at their centers, forming hinges, as shown at C and D, Fig. 3. One of these hinges is provided with a socket, which confines a coiled wire spring, I, as shown by the dotted line in Fig. 3, for the purpose of releasing the clothes and keeping the jaws distended ready to gripe the garment to be washed.

The operation of washing is performed by gripping the clothes between the jaws and holding them tightly by grasping the handles while they are being rubbed upon the board.

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

In combination with the rubbing-pieces A and B, and arms G and H, hinged together at their centers and provided with handles E and F, the spring I, as and for the purpose specified.

WILLIAM H. BLYE.

Witnesses:

EDWARD D. GIRDE,  
ALSON D. BLYE.