

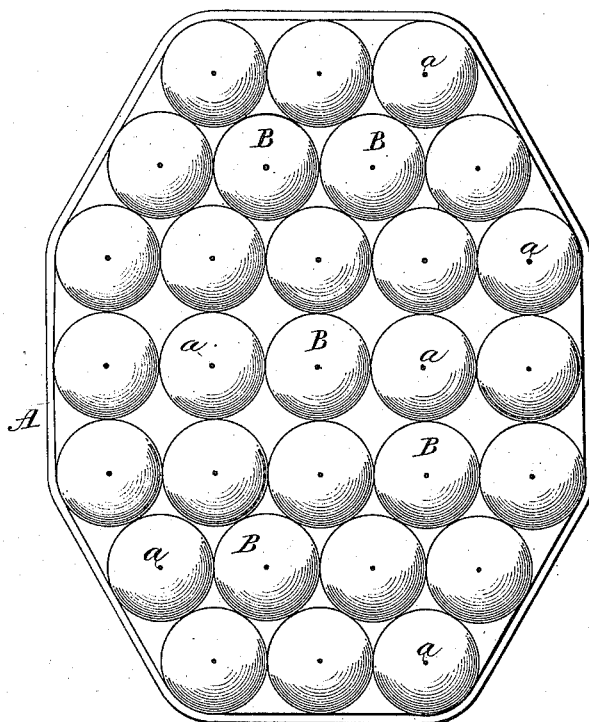
(No Model.)

J. N. PROESCHEL.  
HAND CLOTHES RUBBER.

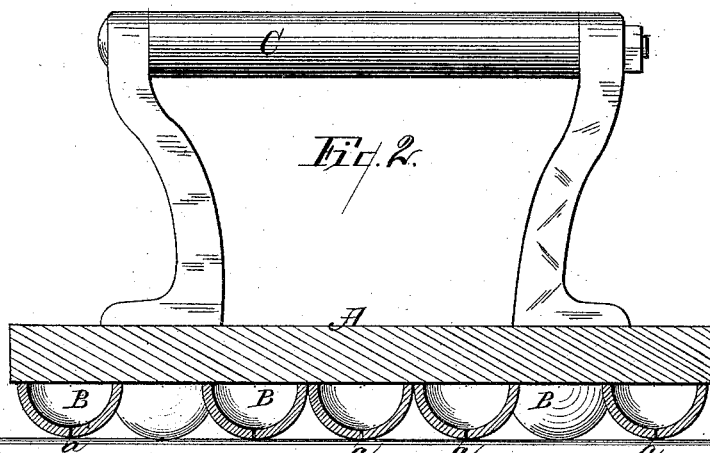
No. 301,271.

Patented July 1, 1884.

*Fig. 1.*



*Fig. 2.*



Witnesses:

*E. G. Samuel*  
*J. Bennett*

Inventor:

*Julius N. Proeschel*  
*by Flint & Hudson*  
*Attorneys.*

# UNITED STATES PATENT OFFICE.

JULIUS N. PROESCHEL, OF MILWAUKEE, WISCONSIN.

## HAND CLOTHES-RUBBER.

SPECIFICATION forming part of Letters Patent No. 301,271, dated July 1, 1884.

Application filed August 15, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, JULIUS N. PROESCHEL, of Milwaukee, in the county of Milwaukee, and in the State of Wisconsin, have invented certain new and useful Improvements in Hand Clothes-Rubbers; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to hand clothes-rubbers, and will be fully described hereinafter.

In the drawings, Figure 1 is a bottom view of my device, and Fig. 2 is a transverse section thereof.

A is a block or backing, and B are hollow semi-spheres, of rubber, the bases of which are secured to the backing by cementing or any other convenient means. Each semi-sphere is pierced at *a*, and forms a resilient water-chamber on its inside, while its outside forms what closely corresponds to the knuckles of the human hand. The backing is provided with a handle, C, of any preferred shape, or for the handle a strap may be substituted with good results; but I do not propose to confine myself to any particular form of handle or holder.

The semi-spheres may be attached to the backing singly, or they may be embossed in a sheet of rubber, and the sheet secured to the

backing. In fact, I prefer this latter way as being cheaper and increasing the durability of the device.

The manner in which my rubber is to be used is obvious. As clothes are rubbed upon a wash-board by my rubber, the semi-spheres fill with water whenever pressure ceases, and then when the pressure is again applied the water is ejected into the clothes from the perforations *a* in jets that penetrate the fiber of the goods and dislodge the dirt, while the surface of the semi-spheres has the action of the knuckles, but in a greater degree.

What I claim as new, and desire to secure by Letters Patent, is—

In a clothes-rubber, a rigid backing, in combination with hollow elastic semi-spheres suitably secured thereto and perforated, as described.

In testimony that I claim the foregoing I have hereunto set my hand, on this 7th day of August, 1883, in the presence of two witnesses.

JULIUS N. PROESCHEL.

Witnesses:

S. S. STOUT,  
M. KAUMHEIMER.