

W. H. Sargent,
Hand-Washing Machine.
N^o 54,781. Patented May 15, 1866.

Fig. 1.

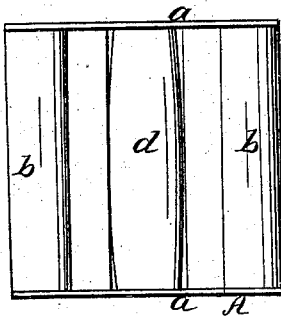


Fig. 4.

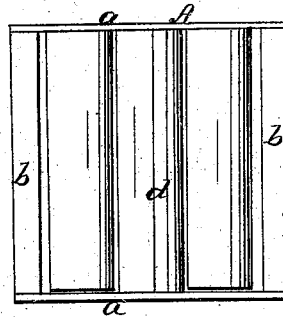


Fig. 2.

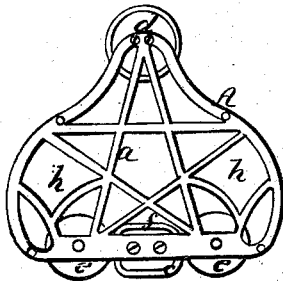
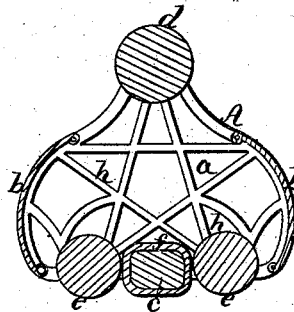


Fig. 3.



Witnesses;
Samuel N. Piper
George Andrews

Inventor;
William H. Sargent
by his attorney
R. M. Eddy

UNITED STATES PATENT OFFICE.

WILLIAM H. SARGENT, OF SOUTH WEYMOUTH, MASSACHUSETTS.

IMPROVED WASHING-MACHINE.

Specification forming part of Letters Patent No. 54,781, dated May 15, 1866.

To all whom it may concern:

Be it known that I, WILLIAM H. SARGENT, of South Weymouth, in the county of Norfolk and State of Massachusetts, have invented an Improved Washing Implement, Machine, or Apparatus; and I do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a top view, Fig. 2 an end elevation, Fig. 3 a transverse section, and Fig. 4 a bottom view, of it.

In the said drawings, A denotes a frame or case composed of two end pieces, *a a*, two side pieces, *b b*, a transverse connection-bar, *c*, and a handle, *d*. At the lower part of the said frame are two friction-rollers, *e e*, which are arranged on opposite sides of the bar *c*, and should be so applied to the frame A as to be capable of freely revolving on their axes.

The bar *c* is encompassed with an elastic covering, *f*, of vulcanized india-rubber or other suitable material, and is intended to operate as a rubber or cleaner.

Each end *a* of the frame A is provided with a series of openings, *h h*, to enable the water and suds, when the machine is in use, to flow freely into and out of it by means of such openings.

The two side plates, as they rise upward, curve or incline inward toward the handle *d*, the same being for the purpose of causing a piece of soap when placed in the case to be retarded therein by such suds than would be the case were they vertical and parallel.

The machine while in use for washing clothes is to be grasped by the handle *d* and moved smartly back and forth on the clothes when they are on a wash-board placed within a tub of water, the rollers resting on the clothes.

The rollers, while facilitating the movements of the machine, serve to hold the clothes down upon the wash-board, so that the rubber *f*, by its action on them, can operate to clean them.

The soap while resting on the rollers and the machine is in use will be moved back and forth by and on them and in a manner highly favorable for the formation of suds and the application of the soap to the surfaces to be washed.

The frame of the machine I construct usually of iron and cover it with zinc in order to prevent it from readily rusting. The sides *b b* may be made of tinned iron or what is usually termed "tin-plate."

The rubber may have its surface either plane, rough, or corrugated.

I do not claim a hand washing-machine consisting of a series of rollers and a case for holding them and be held in or moved by the hand of a person, the same being as represented in the Patent No. 41,438, dated February 2, 1864, and granted to Benjamin I. Lane.

I claim—

1. The combination and arrangement of the stationary rubber *f*, the friction-rollers *e e*, and their carrying-frame A.

2. The carrying-frame A, being constructed with its two opposite sides *b b* inclined toward the handle, and made with openings through its ends to enable the water and saponaceous matter to flow freely through them into and out of the case while the machine may be in use.

WM. H. SARGENT.

Witnesses:

R. H. EDDY,
F. P. HALE, Jr.