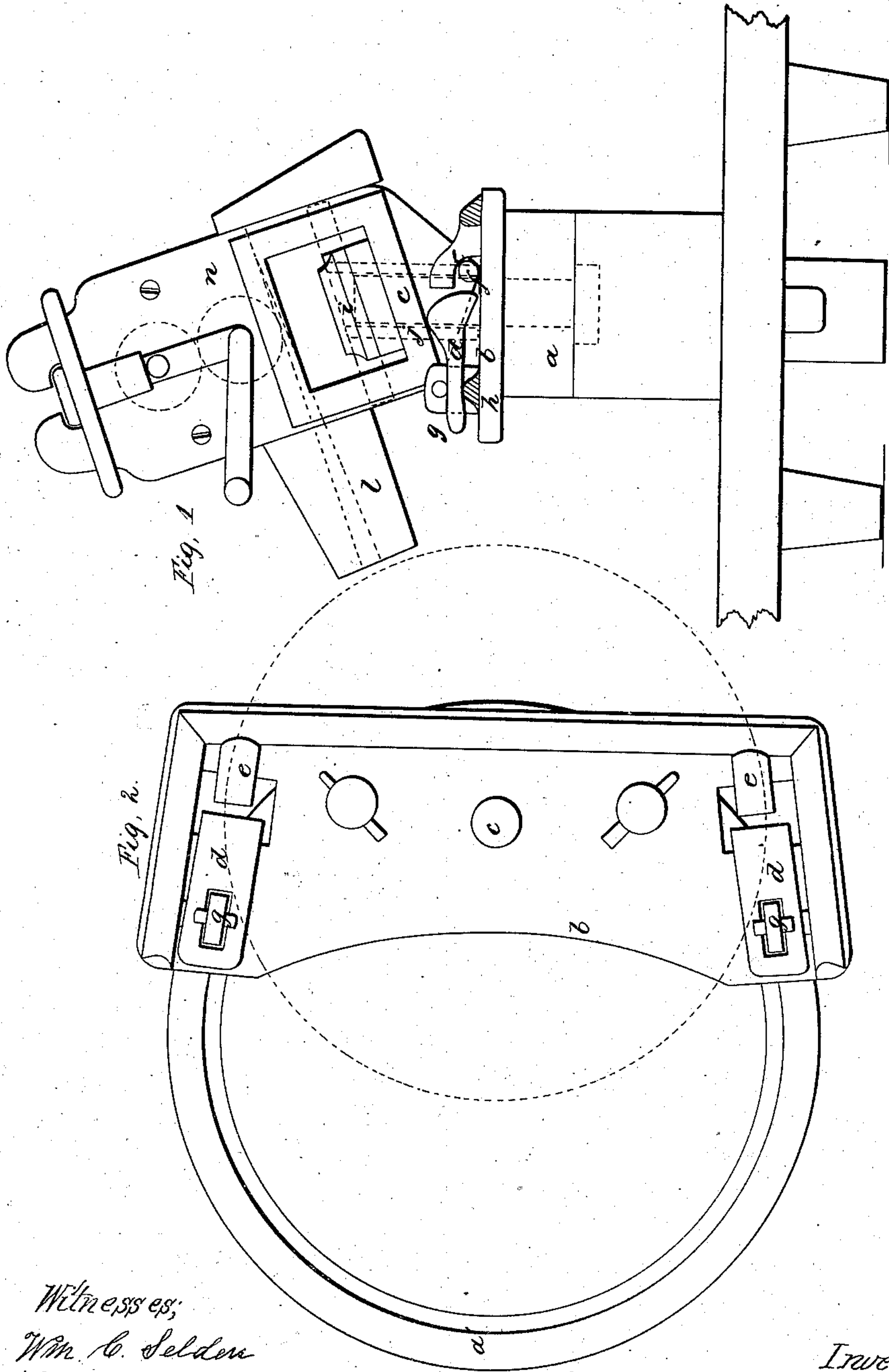


F. Arnold,
Wringer,
N^o 39,623. *Patented Aug. 25, 1863.*



Witnesses;
Wm. C. Selden
Newel L. Selden

Inventor;
Francis Arnold

UNITED STATES PATENT OFFICE.

FRANCIS ARNOLD, OF HADDAM, CONNECTICUT.

IMPROVED WRINGING-MACHINE.

Specification forming part of Letters Patent No. 39,623, dated August 25, 1863; antedated November 18, 1862.

To all whom it may concern:

Be it known that I, FRANCIS ARNOLD, of Haddam, county of Middlesex, and State of Connecticut, have invented certain new and useful Improvements in Wringing or Squeezing Machines; and I do hereby declare that the same is described and represented in the following specification and drawings, and to enable others skilled in the art to make and use the same, I will proceed to describe its construction and operation, referring to the drawings, in which the same letters indicate like parts in each of the figures.

This improvement in clothes wringers or squeezers consists principally in arranging the rollers, with their frame-work, upon a socket, which holds and allows them (the rollers and frame) to turn back and forth upon a stud-pin, secured in a proper manner to a bench or tub, and in providing on each end of the fulcrum-plate thumb-latches and stops, so that when the roller-frame is turned in either direction into a position parallel with the socket-plate the projection formed on the lower end of one of the sides of the roller frame-work will pass under the end of the thumb latches, lifting the ends next to the stoppers and allow them to drop down just back of said projection, thus holding the frame work in place until it is desirable to reverse the position of the rollers, which is done by depressing the outer end of the thumb-latch that holds the said projection on the roller frame-work and securing it in the same manner as before.

In the accompanying drawings, Figure 1 is an end elevation, showing the device attached to a bench. Fig. 2 is a top view showing the bed plate having the thumb-latches, stops, and stud-pins secured to a tub.

a and *a'* are the bench or tub to which is se-

cured the bed-plate *b*, on which are arranged the stud pin *c*, the thumb-latch *d*, and the stops *e*. The stops *e* are cast or made on the bed-plate with an opening to receive the projection-arm *f*, formed on the lower end of one of the sides of the roller frame-work *n*. The latches *d* are secured upon studs *g*, having fulcrum-bearings *h*, so that by bearing down on the outer end the rollers or the frame-work may be reversed, and the thumb latches *d* are so shaped on the under side that the projection-arm *f*, in moving or vibrating to its place against the stop *e*, will be lifted and allowed to drop just back of and hold the arm *f* with its frame *n* in the desired position.

i is the socket-plate or girt which holds the lower portion of the roller frame-work together, to which is secured on the under side the socket *j*, which is fitted and turns upon the stud-pin *c*. The plate *i* is made inclined or at an angle with the socket *j* for the purpose of securing a cant-board, *l*, to discharge the water freely back into the tub.

I believe I have described the construction and operation of my improvement, and so as to enable a person skilled to make the same, and that its advantage will be obvious therefrom.

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

The vibratory roller-frame *n*, with proper fastenings for holding it in place, substantially in the manner as and for the purpose described.

In testimony whereof I have hereunto set my hand and seal this 9th day of April, 1862.
FRANCIS ARNOLD. [L. S.]

Witnesses:

WM. C. SELDEN,
NEWEL L. SELDEN.