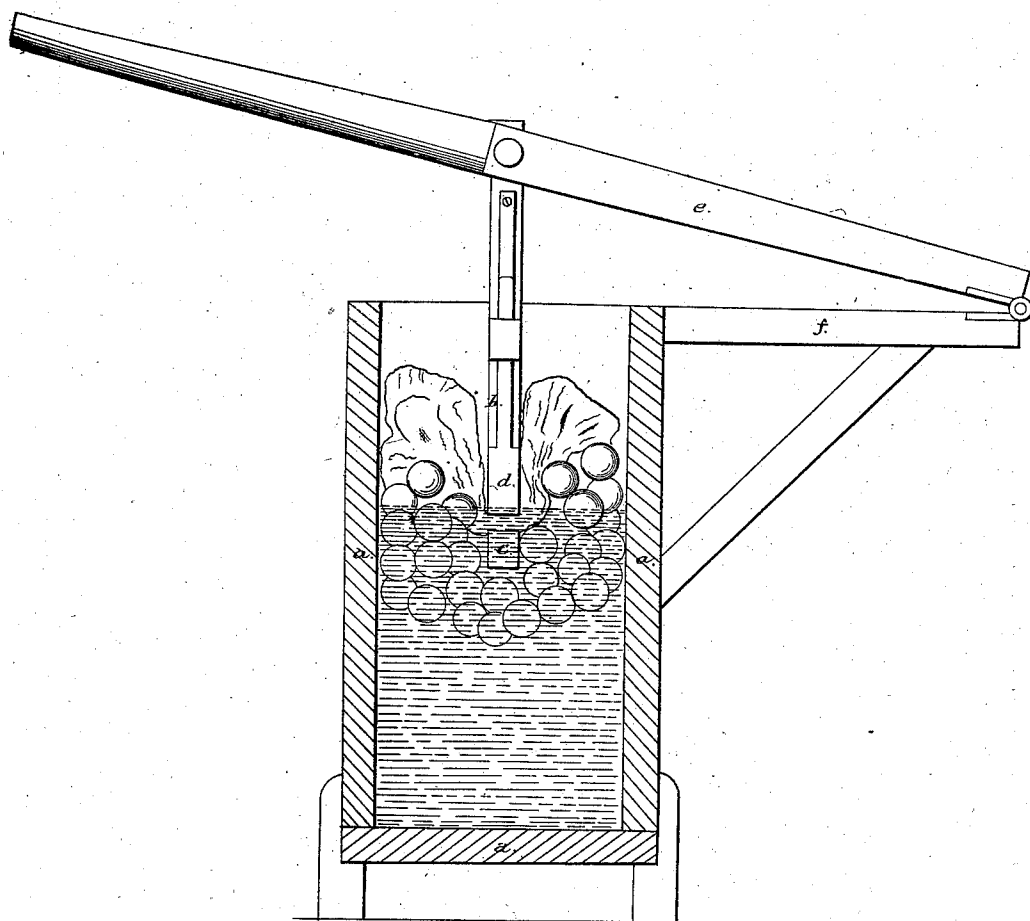


C. Hollingsworth,
Washing Machine,
N^o 8,921. Patented May 4, 1852.



UNITED STATES PATENT OFFICE.

C. HOLLINGSWORTH, OF LIBERTY, INDIANA.

WASHING-MACHINE.

Specification of Letters Patent No. 8,921, dated May 4, 1852.

To all whom it may concern:

Be it known that I, CHRISTOPHER HOLLINGSWORTH, of Liberty, in the county of Union and State of Indiana, have invented
5 new and useful Improvements in Washing-Machines; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the annexed drawing, making part of this
10 specification.

The feature of novelty of my invention consists in the employment of balls of wood or other substance of sufficient hardness and buoyancy, which floating in the
15 water in contact with the linen, the latter being worked up and down between and among the balls, is subjected to a constantly varying and yielding rubbing pressure.

In the annexed drawing, which represents
20 by a vertical section, a machine embodying my improvements (*a*) is a rectangular box or trough, (*b*) is a frame for holding the articles to be washed and has for this purpose a stationary rail (*c*), over which the
25 clothes being laid are secured thereto by a shifting rail (*d*), which may be fastened by a ratchet or otherwise. For the more convenient working up and down of this frame, its upper part is pivoted to a beam
30 (*e*), which is united by hinge to a bracket (*f*) projecting from the box.

The operation of the machine is as follows: the clothes or other articles to be washed having been secured in the frame in the manner above described, and the box 35 being supplied with hot water, &c., as usual, the balls will float at or near the top of the liquid, and the clothes being pressed down between and among the balls, a rolling and yielding, but very evenly pressing and rubbing surface, is brought to bear on the clothes, and the process is repeated when—
40 the frame being lifted—the clothes are drawn upward through the balls.

Having thus described the nature of my 45 invention, what I claim therein as new and desire to secure by Letters Patent is:

The application substantially as described to the process of washing of balls of wood or other buoyant material in connection 50 with a reciprocating frame, or equivalent device, by means of which a rolling, yielding and evenly pressing surface, is presented to the clothes or other articles to be washed. 55

In testimony whereof, I have hereunto set my hand before two subscribing witnesses.

CHRISTOPHER HOLLINGSWORTH.

Witnesses:

GEO. H. KNIGHT,
EDWARD H. KNIGHT.