

No. 50,888.

PATENTED NOV. 14, 1865.

F. ARNOLD.
VEGETABLE WASHER.

Fig. 1.

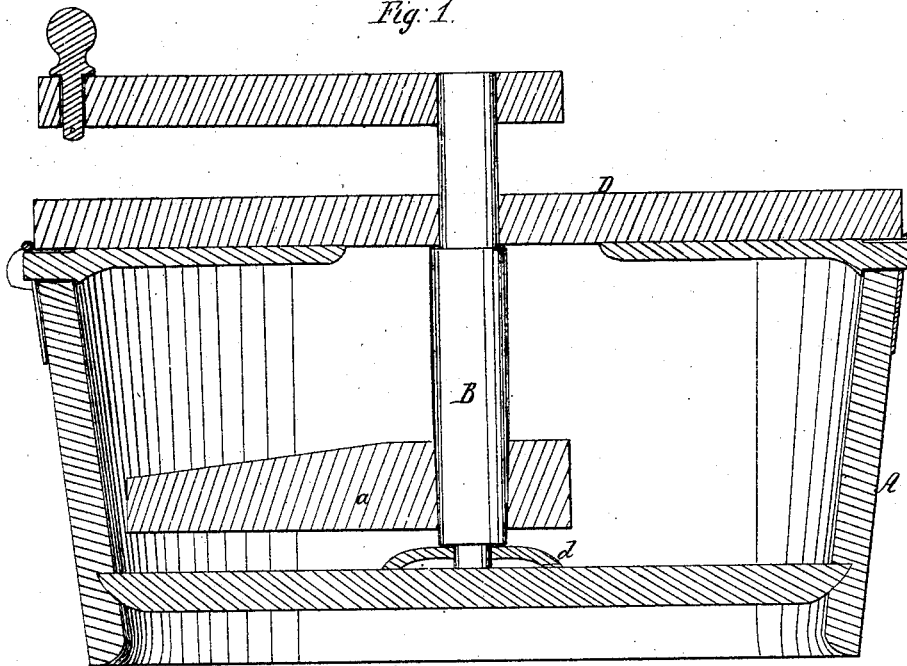
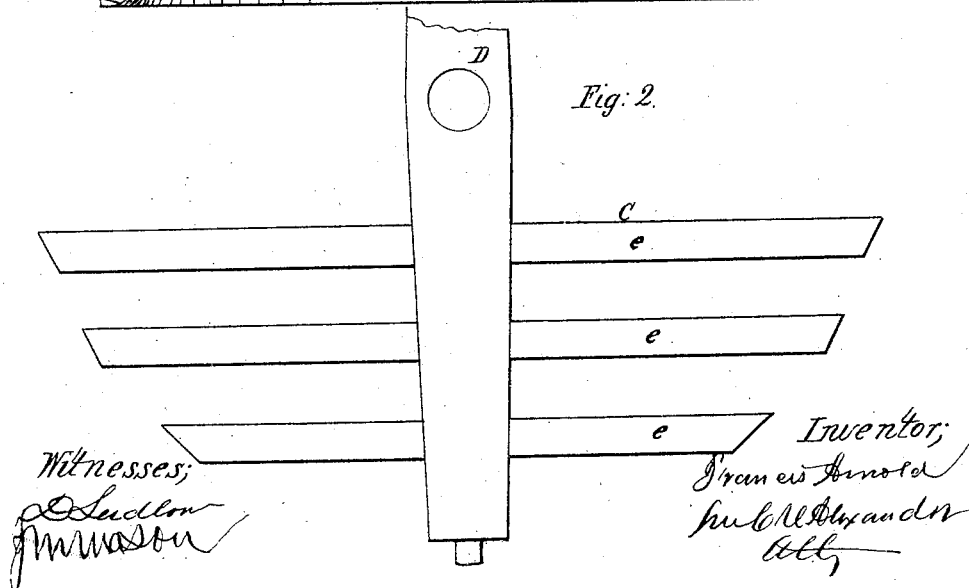


Fig. 2.



Witnesses;
*Samuel
Mason*

Inventor;
Francis Arnold
per C. M. Alexander
Att.

UNITED STATES PATENT OFFICE.

FRANCIS ARNOLD, OF HADDAM NECK, CONNECTICUT.

IMPROVED VEGETABLE-WASHER.

Specification forming part of Letters Patent No. 50,888, dated November 14, 1865.

To all whom it may concern:

Be it known that I, FRANCIS ARNOLD, of Haddam Neck, in the county of Middlesex and State of Connecticut, have invented certain new and useful Improvements in Vegetable-Washers; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In the annexed drawings, making part of this specification, A represents the tub or box in which the vegetables are placed to be washed. Across the top of this box or tub, and hinged at one side of it, is a bar, D. This bar is provided with a hole about center way of it, and near one end with a series of slats, *e e e*, which form a grate over a portion of the tub, said grate being marked C, as seen in Fig. 2.

B represents a shaft which stands in a vertical position in the tub A, and the upper end of which passes through the hole in the bar D, said hole serving as a bearing for it.

Secured to the bottom of the tub is a step or metallic plate, in which the lower end of the shaft B has its bearing. This step or plate is concave on its under side, and is provided with an opening on its rim or edge, through which sand or dirt will pass out instead of collecting around the lower end of the shaft B.

Just above the step or plate *d*, and secured to shaft B, is an arm, *a*, which is made flat on its under side and oval upon its upper side.

To the upper end of shaft B is a crank-handle.

In using this machine the vegetables are placed in the tub and the shaft B is made to revolve by means of its handle, thus causing the arm *a* to move around the tub near its bottom, passing under the vegetables, and thus causing them to rise and fall, thus agitating and washing them in the water which is placed in the tub. The form of the step *d* allows the sand from the vegetables to wash from under and around the lower end of shaft B, and thus prevent its wearing.

By means of the grate C the water from the tub may be drained without removing the vegetables from the tub.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The arrangement of the grate C with the tub A and shaft B, as and for the purpose specified.

FRANCIS ARNOLD,

Witnesses:

AMELIA WORTHINGTON,
EDWARD WORTHINGTON.