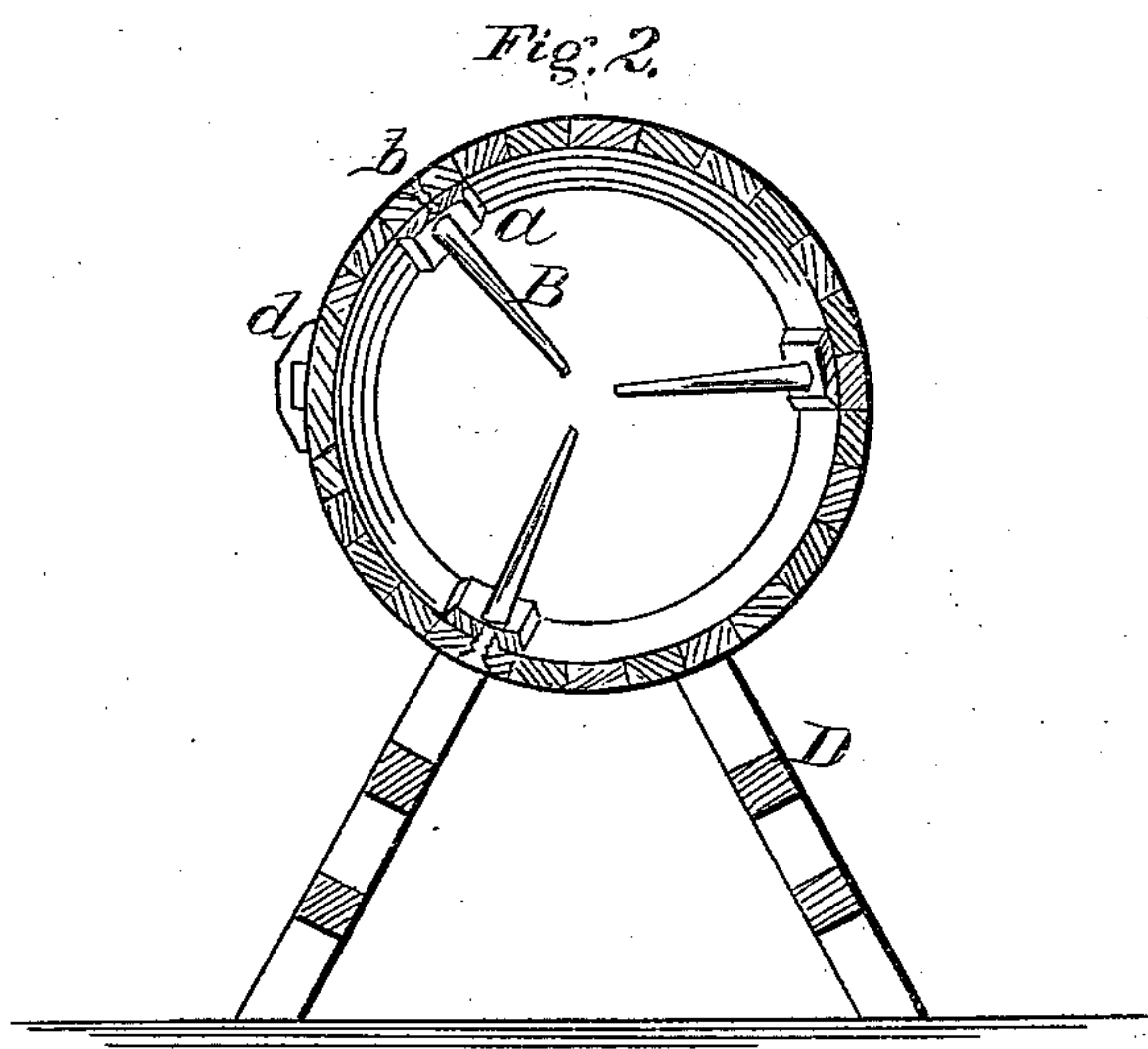
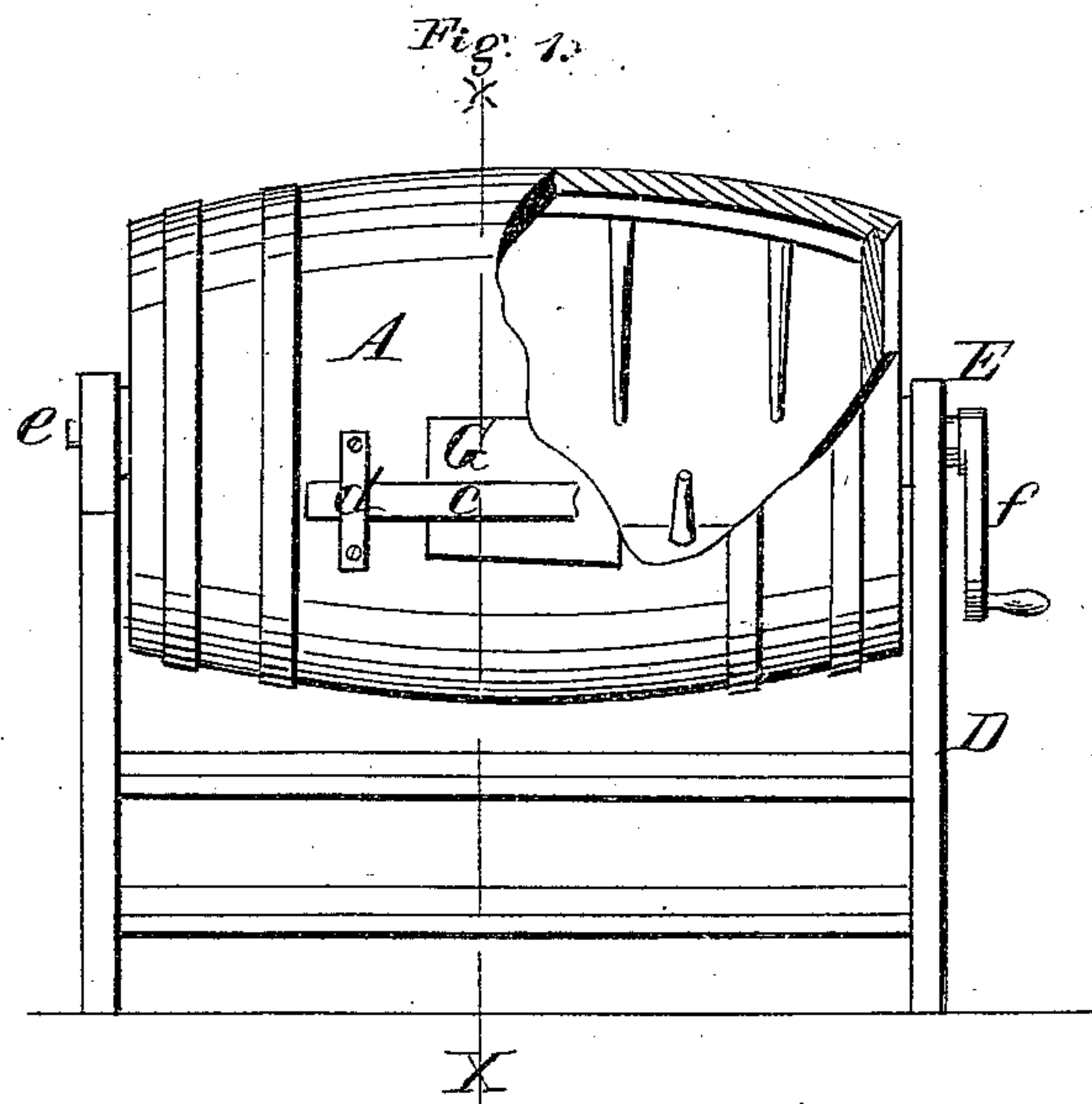


J. Burrill,
Vegetable Washer.

No. 94,181.

Patented Aug. 31. 1869.



Witnesses, *L. Hailer.*
P. T. Dodge.

Inventor,
J. Burrill.
by Dodge & Munn
Attys

United States Patent Office.

JACOB BUMP, OF HARTFORD, NEW YORK.

Letters Patent No. 94,181, dated August 31, 1869.

IMPROVED VEGETABLE-WASHER.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern :

Be it known that I, JACOB BUMP, of Hartford, in the county of Washington, and State of New York, have invented certain new and useful Improvements in Vegetable-Washing Machines; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, and to the letters of reference marked thereon, like letters indicating like parts wherever they occur.

To enable others skilled in the art to construct and use my invention, I will proceed to describe it.

My invention relates to vegetable-washers, and consists in the novel construction of a barrel or other suitable-shaped vessel, with series of pins projecting nearly to its centre, and mounting the same in a frame in such a manner that it can be conveniently and rapidly rotated.

In the drawings—

Figure 1 is a side elevation, with a portion broken away to show the interior, and

Figure 2 is a vertical section on the line *xx* of fig. 1.

The object of my invention is to provide a cheap and convenient device for farm-use, for washing vegetables for any purpose.

To accomplish this, I construct a hollow vessel, A, barrel-shaped, and of any size desired, so as to be strong and water-tight.

Its interior, I provide with pins B, long enough to extend nearly to the centre of the vessel, as shown in fig. 2, and connect them firmly to the body of the vessel by means of the small blocks *a* and screws *b*, as shown in the same figure, or by any other suitable means.

These pins may all be arranged so as to alternate or be in series; each series being in the same plane, as shown in fig. 2.

In the body or side of the vessel, I make a suitable

opening, of any size desired, and provide it with a closely-fitting block or cover, C, which is held in place by a bar, *c*, arranged to slide and wedge firmly under cleats, *d*, or by any other device convenient for the purpose.

The ends of the vessel A, I provide with gudgeons *e*, to one of which I attach a crank-handle, *f*, and when thus constructed, mount it in a frame, D, having bearings E for the purpose.

In operating my device, I remove the cover C, put into the vessel, potatoes, turnips, or other vegetables desired to be washed, either for the purposes of feed, or for the market, and then pour in a quantity of water sufficient for the purpose. This done, I lock or fasten the cover securely in place, and revolve the vessel by means of the hand-crank *f*, when the vegetables, as they are rolled and rubbed against each other, as well as against the pins B, become thoroughly cleaned. They may then be removed and another lot washed in a similar manner.

My vegetable-washer may be constructed so as to be portable, or it may be stationary, and be operated by horse-power.

In this way, I provide a strong and cheap device for washing vegetables for farm-use, or for market-purposes, and one which may be conveniently used.

Having thus described my invention,

What I claim, is—

A vegetable-washer, consisting of the rotating case A, provided with the internally-projecting pins B, said pins being of such a length, and so arranged as to cause the contents of the case to pass between them as it is revolved, substantially as described.

JACOB BUMP.

Witnesses:

WARREN H. BROWN,
E. P. HARDEN.