(No Model.)

L. M. MARR.

VEGETABLE STEAMER.

No. 295,930. Patented Apr. 1, 1884.

Fig. 1.

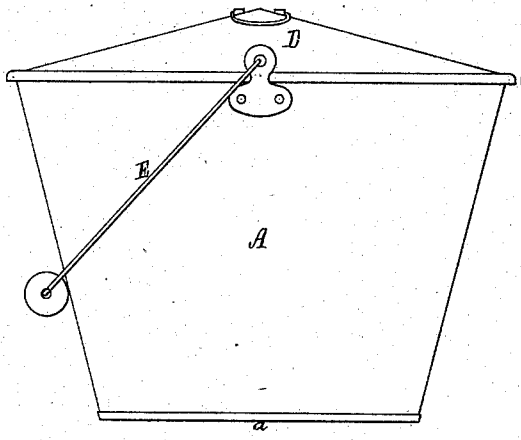


Fig. 2.

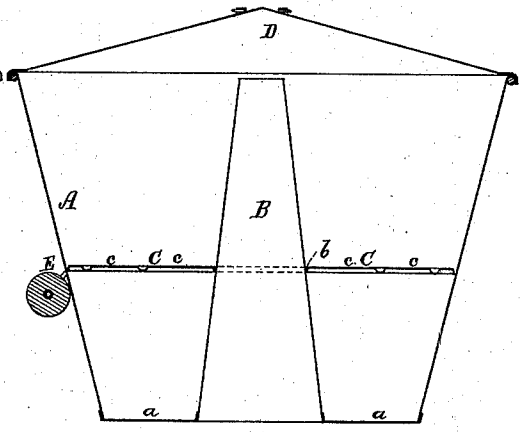


Fig. 5.

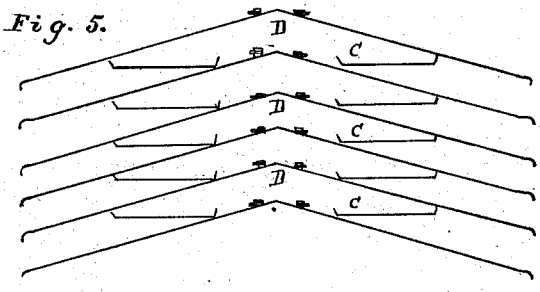


Fig. 3.

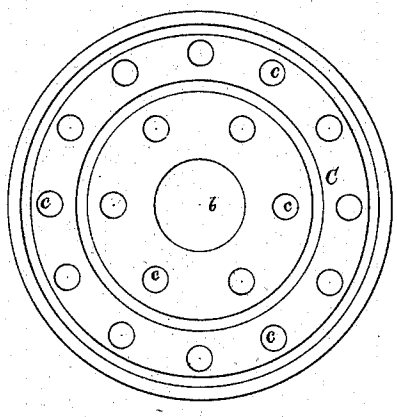
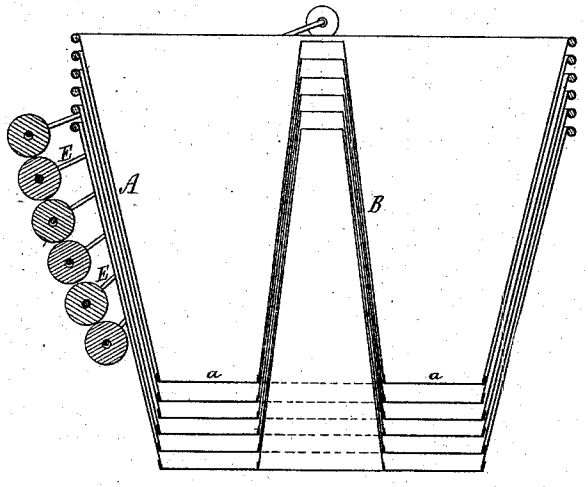


Fig. 4.



Witnesses.

S. N. Pike

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Inventor.

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UNITED STATES PATENT OFFICE.

LLEWELLYN MASTERS MARR, OF BOSTON, MASSACHUSETTS.

VEGETABLE-STEAMER.

SPECIFICATION forming part of Letters Patent No. 295,930, dated April 1, 1884.

Application filed September 29, 1883. (No model.)

To all whom it may concern:

Be it known that I, LLEWELLYN MASTERS MARR, of Boston, in the county of Suffolk, of the Commonwealth of Massachusetts, have invented a new and useful Improvement in Vegetable-Steamers; and I do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a side view, and Fig. 2 a transverse section, of a steamer of my improved kind. Fig. 3 is a top view of its perforated disk. Fig. 4 exhibits a series of such steamers as "nested" or arranged for package or transportation. Fig. 5 shows the tops and disks nested.

The particular object of my improvement is to enable several of the steamers to be inserted one within another, as pails are usually nested. To this end I construct the body A of the steamer tapering—that is, in the form of the frustum of a cone or pyramid—and within said body, to extend upward from its bottom concentrically therewith, I have a tapering tube, B, open at top and opening at bottom through the bottom *a* of the said body. The body is smaller in size or diameter at bottom than at top, while the internal tube is larger in size or diameter at its lower than it is at its upper end, the whole being so that when the body of one steamer is inserted within that of another the tube of the latter will extend upward within that of the former, as shown in Fig. 4. Within the tapering body is a disk, C, having a hole, *b*, through it at its central part, and also several other holes, *c*, arranged in it, as set forth, the disk, when in its lowest position, which should be at a suitable distance above the bottom of the body, fitting both to the body and to the tapering tube. This keeps the disk in place and prevents it from tipping within the body. Furthermore, the cover D of the body is conical or recessed, to receive the disk when both are to be packed for transportation, the same being to enable a series of the covers and a series of the disks to be easily packed together, with each cover of the pack, from the lowest one to the uppermost one, inserted within that one immediately over and next to it, the point of each cover entering the hole *b* of the disk next to it. Each body is or may be provided with a bail, E. The tube B is not to extend up to the top or cover of the body. On placing the steamer upon the top of the stove or over a hole therein, and having within such steamer and below its perforated disk a quantity of water, and on the disk vegetables or other matters to be cooked or steamed, the steam as it may be generated in the steamer by the heat of the fire of the stove will pass in contact with the vegetables or matters to be steamed, and will cook them and escape downward through the tube and into the fire-place.

I do not claim a steamer or vessel provided with an educt for the discharge into the fire-place of the waste-steam and odors arising from articles while being steamed or cooked in such steamer or vessel.

I specially do not claim a vegetable-steamer constructed as represented in either of the United States Patents Nos. 110,039, 134,046, or 232,701, as neither of such patents shows a steamer (having both a tapering body and a tapering internal tube) like that of my invention, to pack within another such steamer in the manner as shown in Fig. 4 of the accompanying drawings; and, furthermore, such patents not only do not show such a steamer, but no separable perforated plate adapted to enter the tapering body and fit thereto, and to receive and at the same time fit upon the tapering tube.

I am aware that cake-pans have been made of tapering diameter and with a central open tapering tube, and that they can be nested; also, that vegetable-steamers have been made tapering and with an open central tube, but the latter has not been made tapering so that the steamers can be nested.

I claim—

A vegetable-steamer consisting of the body A, increasing in diameter from the bottom up, and having the central open tapering tube, B, increasing in diameter from the top down, the perforated disk C, having the central hole, *b*, and the conical cover D, whereby the bodies of several steamers can be packed together, and also their covers with the disks, as set forth.

LLEWELLYN MASTERS MARR.

Witnesses:

R. H. EDDY,

S. N. PIPER.