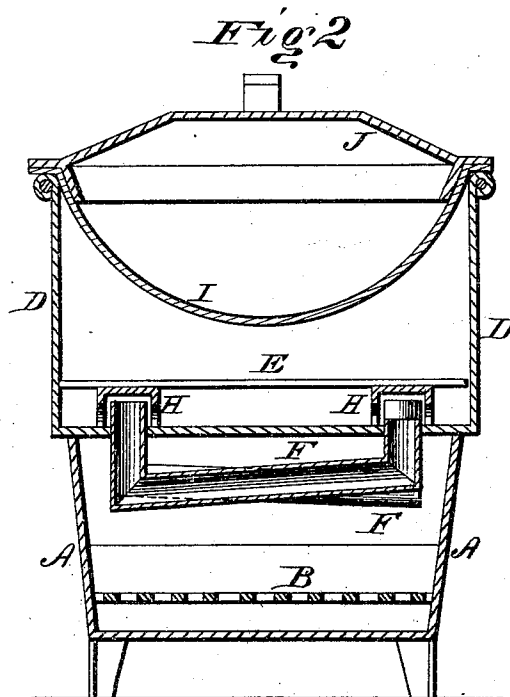
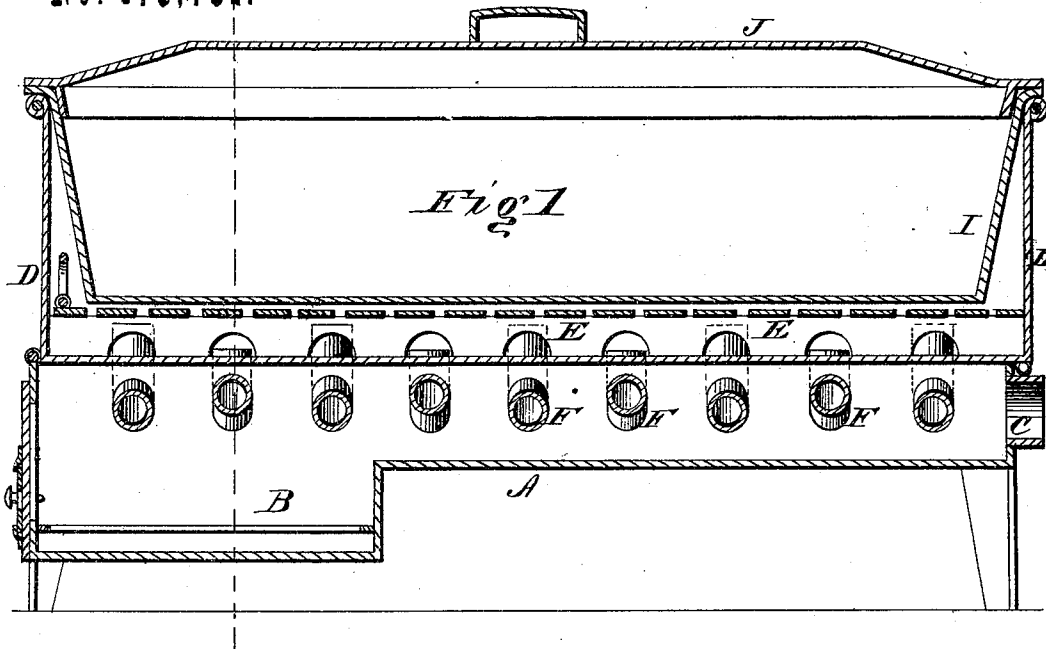


N. JEWETT.
STEAM COOKER.

No. 178,781.

Patented June 13, 1876.



WITNESSES

F. L. Ousand
H. N. Miller

INVENTOR

Nathan Jewett
By *Alexander Mason*
Attorneys

UNITED STATES PATENT OFFICE.

NATHAN JEWETT, OF TOLEDO, OHIO.

IMPROVEMENT IN STEAM-COOKERS.

Specification forming part of Letters Patent No. **178,781**, dated June 13, 1876; application filed April 15, 1876.

To all whom it may concern:

Be it known that I, NATHAN JEWETT, of Toledo, in the county of Lucas, and in the State of Ohio, have invented certain new and useful Improvements in Steam-Cookers; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a steam cooking apparatus, the peculiarities of which will be hereinafter more particularly described.

In the accompanying drawings, making a part of this specification, Figure 1 represents a longitudinal, and Fig. 2 a cross, section of my apparatus.

In the figures, A represents a furnace-box, with the fire-chamber B in front, and the smoke-pipe C at the rear. Hinged to this furnace-box, over the front of the fire-chamber, is a water-box, D, which is made rectangular, as seen, and which extends over the entire fire-space. F F represent a series of elbow-pipes, which are placed beneath the water-box, with their ends passing into it, and the joints made water-tight. The pipes do not communicate with each other except through the box. The ends of each of these pipes alternate as to height on each side of the box, where they enter. Every alternate end of a pipe is made higher than the one next to it, so that a current of water will be produced in the box during the time the water is in a state of ebullition. By the use of this series of pipes I also secure more fire and heating-surface.

H H are two troughs, inverted as shown, and which have their edges scalloped to allow of a free passage of water to and from them. These troughs are placed over the ends of the pipes F F, and their upper sides are connected

by a series of straps or slats, E E, which are placed close together, but not so close that the water and steam cannot pass through the spaces between them readily. The frame formed by these troughs and slats is easily removed from the box D, as it is fitted in loosely.

I represents a box, having flanges upon its edges, which rest upon the edges of the box D, and is provided with a suitable cover, J. I use the lower chamber (the one beneath this box I) as a steamer, while the box I itself is used for cooking.

Instead of the slats E, I may use simply a sheet of perforated metal.

Such portions of this machine as it is possible to make of wood may be constructed of that material, while the balance can be made of sheet and cast metal.

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

1. The rectangular water-box D, as constructed, provided with the pipes F F, and combined with the furnace-box A, as and for the purpose set forth.

2. The troughs H H, covered by slats E E, and covering the alternating pipes F F, the edges of said troughs being formed substantially as and for the purpose set forth.

3. The combination of the furnace-box A, water-box D, pipes F, troughs H, slats E, and box I, having lid J, all substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 6th day of January, 1876.

NATHAN JEWETT.

Witnesses:

A. T. BARNES,
F. BOSWELL.