

C. M. GARBER.
CULINARY BOILER.

No. 174,224.

Patented Feb. 29, 1876.

Fig. 1

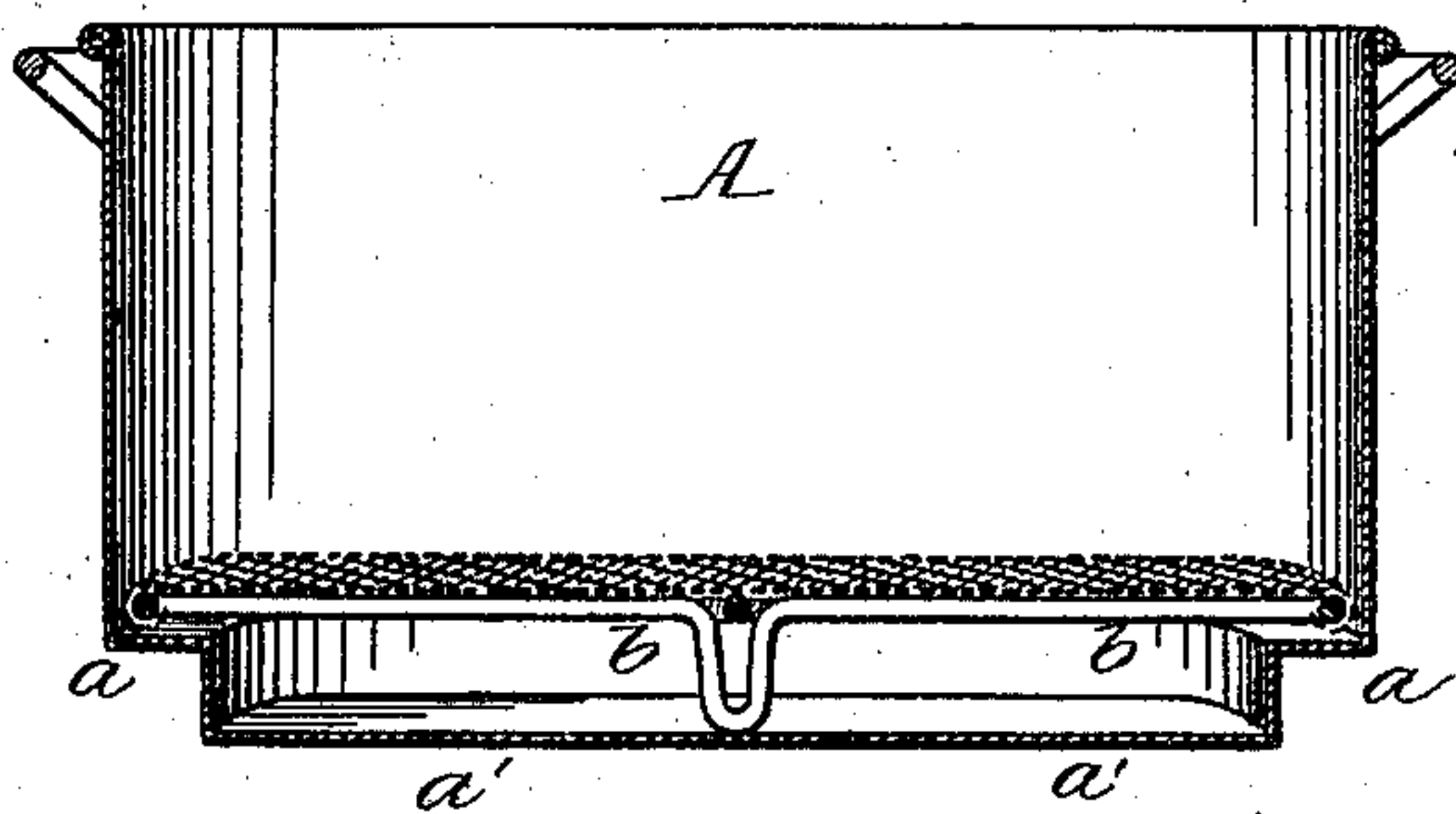
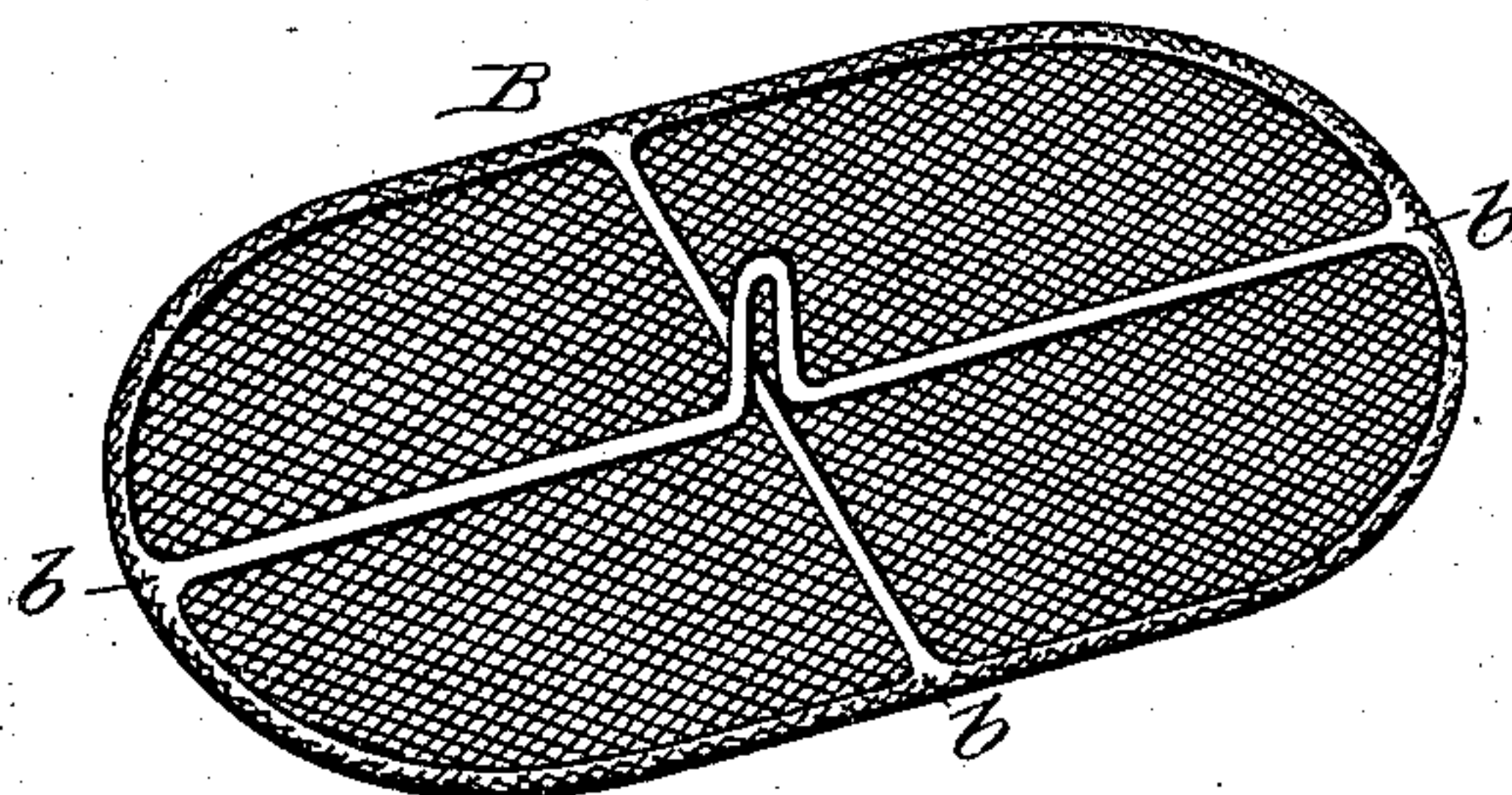


Fig. 2.



Witnesses:

J. B. Doomb

A. H. Norris

Inventor:

Christian M. Garber

By James L. Norris

Atty.

UNITED STATES PATENT OFFICE

CHRISTIAN M. GARBER, OF CARTERSVILLE, VIRGINIA, ASSIGNOR OF ONE-THIRD HIS RIGHT TO WILLIAM MALLORY, OF SAME PLACE.

IMPROVEMENT IN CULINARY BOILERS.

Specification forming part of Letters Patent No. 174,224, dated February 29, 1876; application filed September 20, 1875.

To all whom it may concern:

Be it known that I, CHRISTIAN M. GARBER, of Cartersville, in the county of Cumberland and State of Virginia, have invented certain new and useful Improvements in Culinary Boilers, of which the following is a specification.

This invention relates to certain improvements in apparatus for boiling food, its object being to keep the food from direct contact with the bottom of the vessel in which it is cooked, to prevent scorching of the food and injury to the bottom of the vessel from overheating.

The invention consists of a wire frame of suitable size and shape to fit the interior of the vessel and rest upon the shoulder usually formed at the bottom around the portion that sets down into the openings in the top of the stove. Said frame is covered with wire-gauze or equivalent foraminous material, and is strengthened by cross-bars, one of which is bent into a U-shape at the center, forming a downwardly-projecting leg or standard, of sufficient length to reach the bottom of the vessel when the frame is in place and support the central portions of the frame, all of which will be more fully hereinafter specified.

In the drawings, Figure 1 represents a sectional view of an ordinary boiler with my improvements applied to the same; and Fig. 2, a detached view of the improved frame or support.

The letter A represents an oval tin boiler adapted to fit across the top of a stove, and *a* the shoulder formed near the bottom around the upper part of the "well" *a'*, or that portion of the bottom that sets down into the stove-opening. B C represent a wire frame, of such shape and size as to fit within the boiler A and rest upon the shoulder *a* near the bottom thereof. Said frame is provided

with cross-bars *b b*, one of which is bent downward at the center in the shape of a letter U, forming a standard or leg of sufficient length to reach and rest upon the bottom of the boiler. The frame is covered with wire-gauze or foraminous metal, which forms a support for the food while being cooked, and, while allowing a perfect circulation of the water, effectually prevents all direct contact of the contents of the boiler with the bottom of the same, obviating all scorching of the food and sticking of the same to the bottom of the vessel, and adding materially to the durability of the boiler by preventing the bottom from becoming overheated, as is commonly the case when the articles are in direct contact with its bottom.

My improvement is principally designed to be applied to vessels for cooking vegetables, though it is apparent it may be used with equal advantage with other boilers, such as clothes-boilers and the like.

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

The frame, constructed of wire, covered with wire-gauze or foraminous metal, and provided with cross-bars, one of which is bent downward into the shape of the letter U, forming a supporting leg or standard, the whole adapted to set within an ordinary boiler, upon the shoulder near its bottom, the standard or leg resting upon the bottom of the boiler and supporting the frame at the center, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand in the presence of the subscribing witnesses.

CHRISTIAN M. GARBER.

Witnesses:

JAMES L. NORRIS,
A. H. NORRIS.