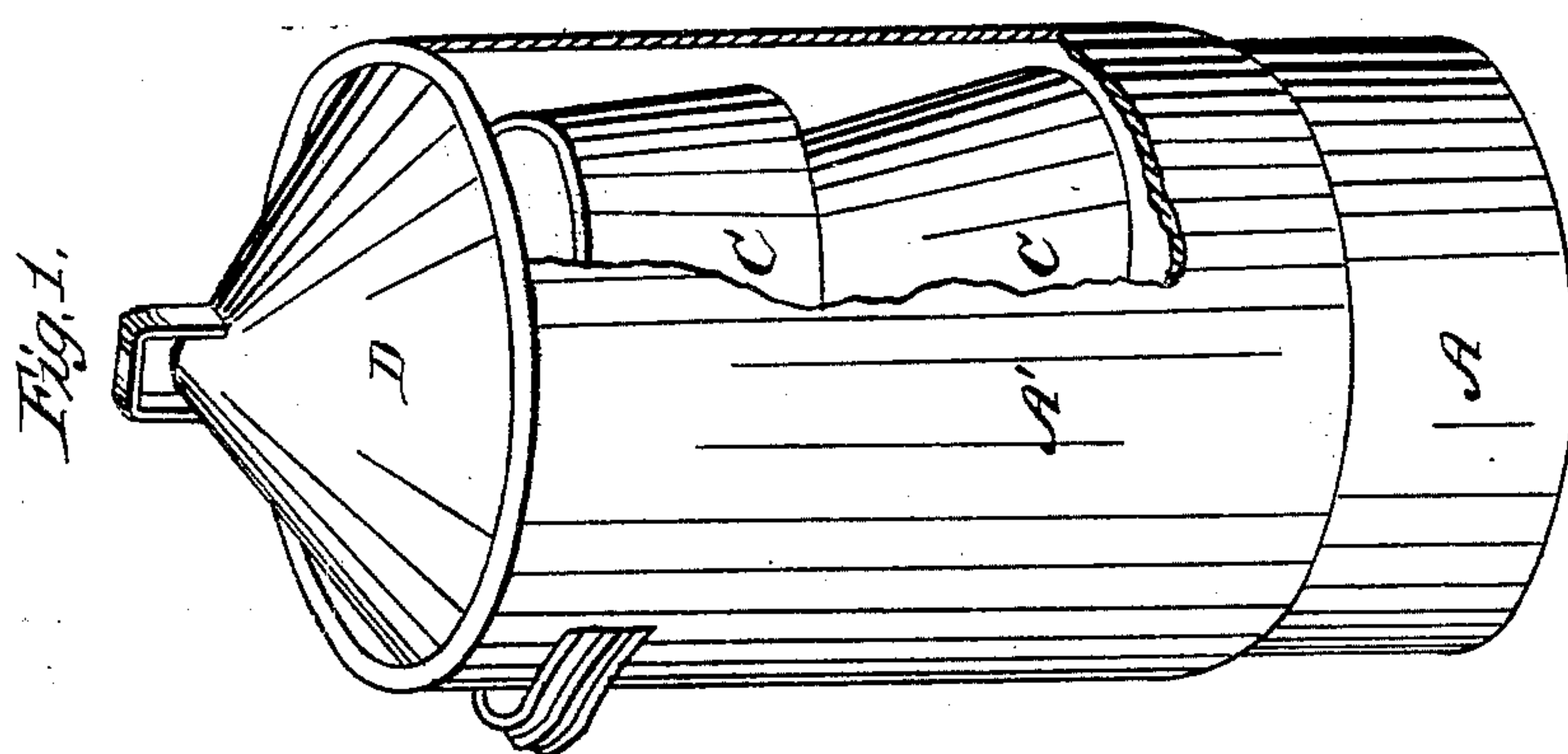
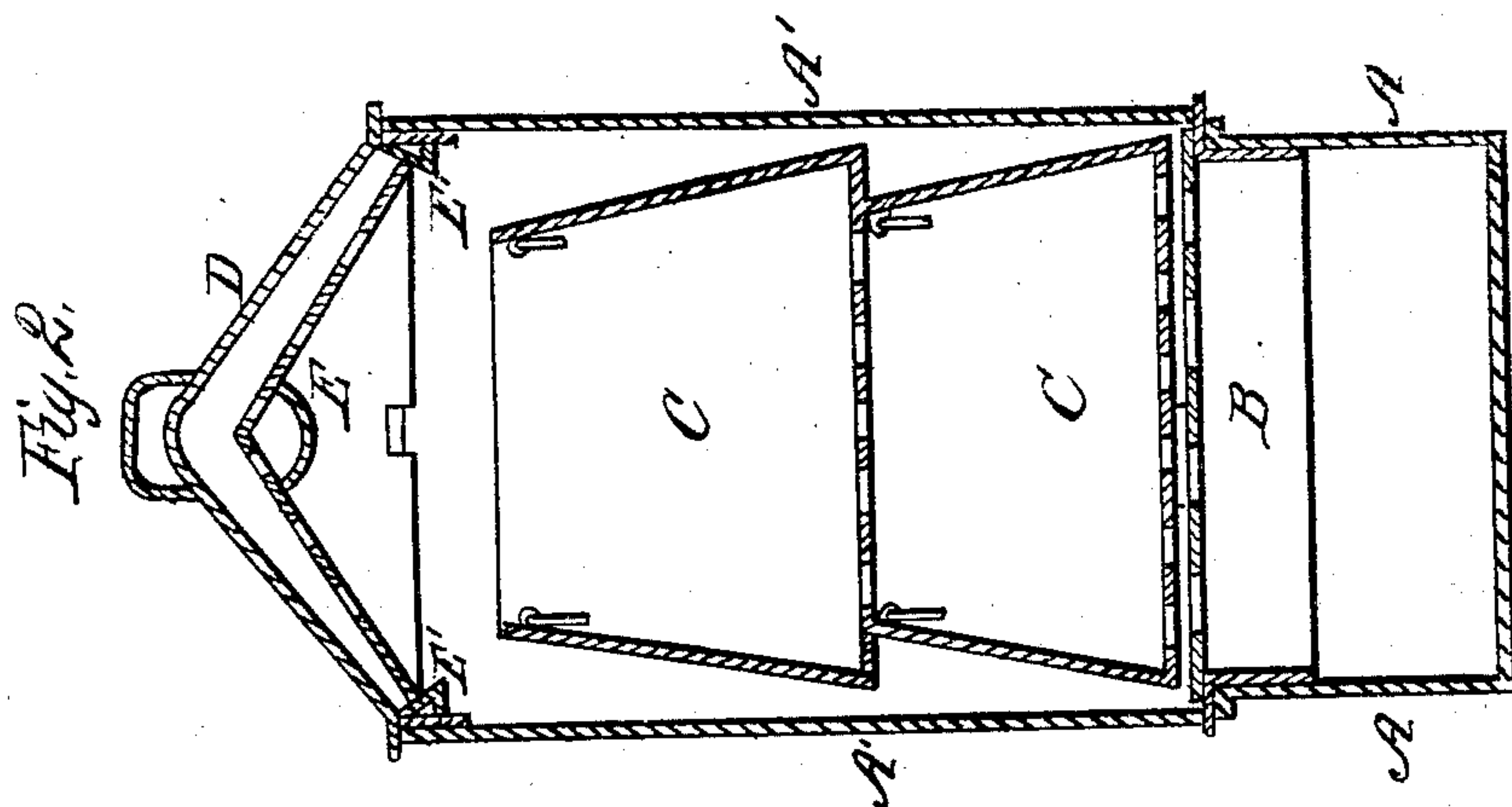


C. W. FULLER.  
Domestic Boiler.

No. 78,587.

Patented June 2, 1868.



*Witnesses.*  
*Chas F. Clausen,*  
*Jos R. Edson,*

*Inventor.*  
*C. W. Fuller*

# United States Patent Office.

CHAUNCEY W. FULLER, OF EARLVILLE, ILLINOIS.

*Letters Patent No. 78,587, dated June 2, 1868.*

## IMPROVEMENT IN CULINARY VESSELS.

*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, CHAUNCEY W. FULLER, of Earlville, in the county of La Salle, and State of Illinois, have invented a new and useful Improvement in Apparatus for Cooking; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making part of this specification, in which—

Figure 1 is a perspective view, parts of the side being represented as broken away, and

Figure 2 is a vertical section.

The same letters in both figures are employed to designate the same parts.

My improvement consists in placing in or over a boiler a perforated diaphragm, and one or more vessels with perforated bottoms, and covering the whole with an ordinary cover having a perforated interlining, so arranged that the steam, condensing on the surface of the cover, shall run down the sides and fall outside, and not into the vessels containing the articles subjected to the action of the steam.

In the annexed drawings, A is a boiler to be placed over the fire. On this is the cylindrical case A'. The boiler may be made in one piece, if preferred, instead of two, as shown. B is a diaphragm perforated with holes to permit the passage of steam. C C are vessels to contain the food or other articles subjected to the action of the steam. They rest upon the diaphragm B, being set one over the other. The sides are not parallel with those of the boiler A, but are inclined inwards, as shown, so as to leave a wider space between the top and the sides of the boiler than there is between the bottom and the boiler. D is a tightly-fitting cover on the boiler. Under and within this cover is a perforated plate, E, forming an interlining for the cover. This plate rests upon lugs, E', fastened to the flange of the cover, as shown.

The steam, rising through the vessels C C, will pass through the plate E to the cover D, on the under side of which it will be gradually condensed, and, running down the surface of the cover, or falling in drips upon the interlining, it will run to the lower edge thereof, and thence fall along the side of the boiler A to the water below, and not upon the articles contained in the vessels C C.

What I claim as my invention, and desire to secure by Letters Patent, is—

In combination with the boiler A, diaphragm B, and cover D, the vessels C C and perforated plate E, when so constructed and arranged that the drip from the condensed steam shall fall outside of and not into the vessels, substantially as described.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

CHAUNCEY W. FULLER.

Witnesses:

J. J. POOL,

H. H. HARGER.