

H. L. DUNCKLEE.

Culinary Vessel.

No. 76,310.

Patented April 7, 1868.

Fig 2.

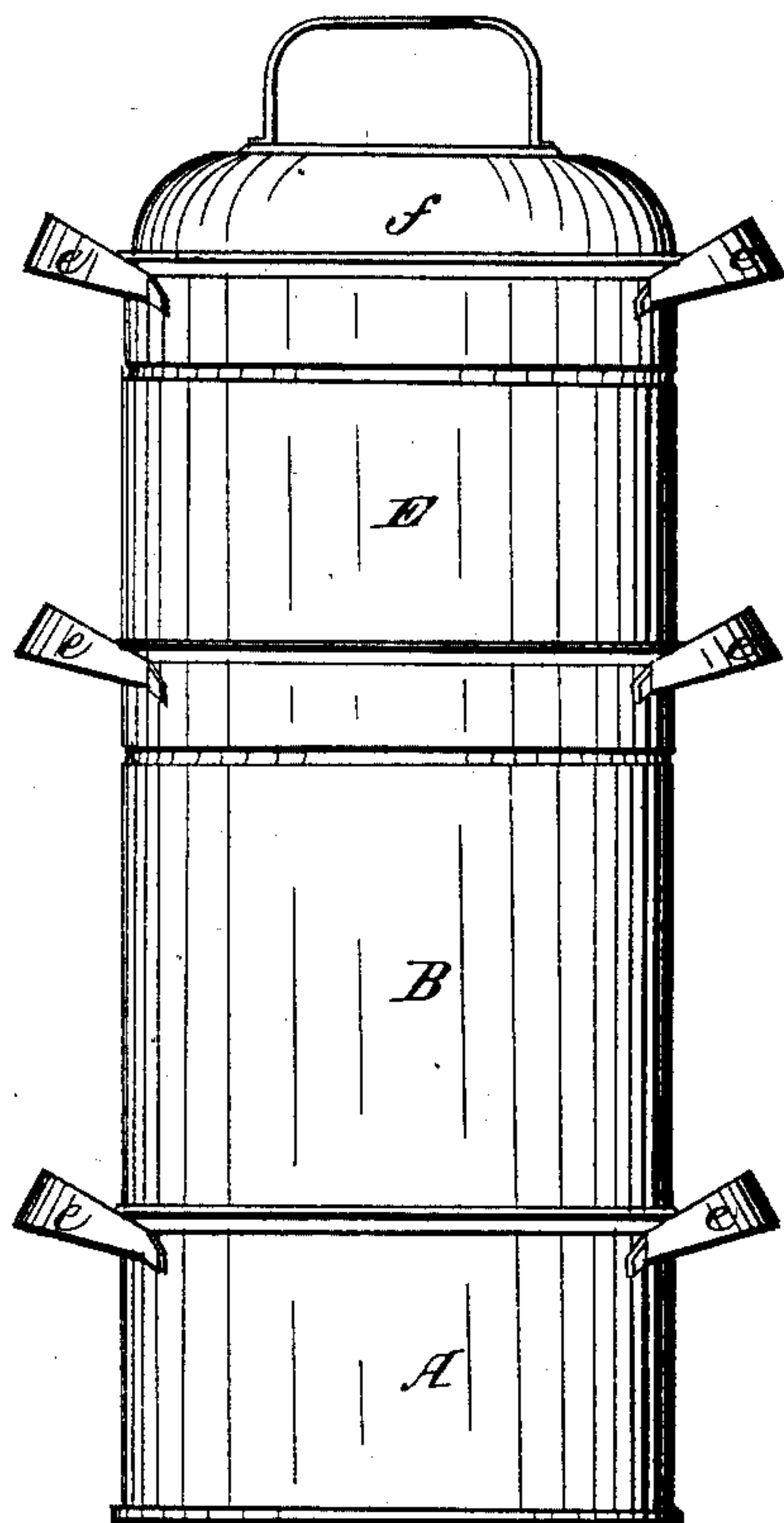
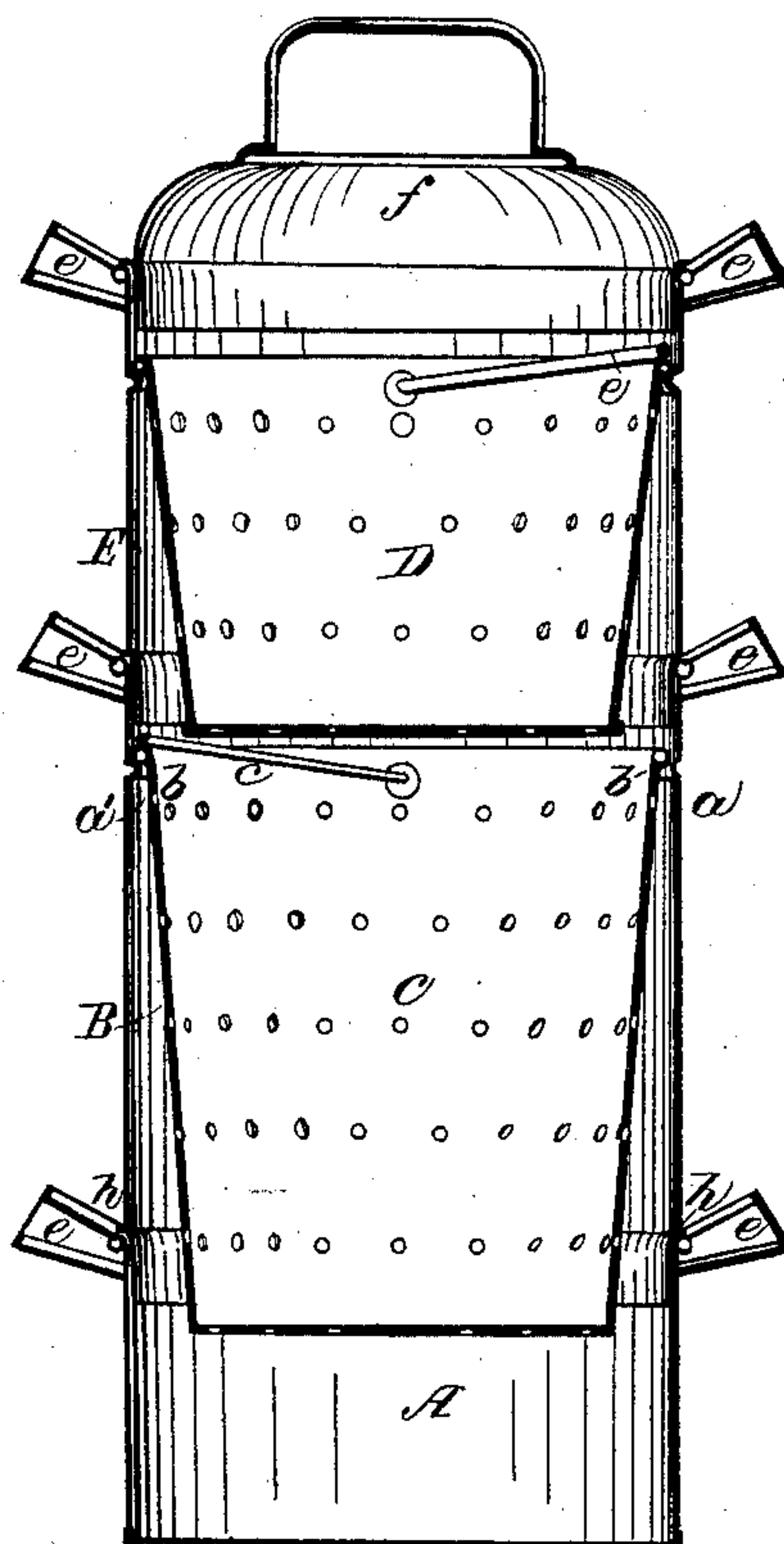


Fig 1.



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HORACE L. DUNCKLEE, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 76,310, dated April 7, 1868.

IMPROVEMENT IN CULINARY VESSELS.

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

TO ALL PERSONS TO WHOM THESE PRESENTS MAY COME:

Be it known that I, HORACE L. DUNCKLEE, of Boston, in the county of Suffolk, and State of Massachusetts, have invented a new and useful Improvement in Apparatus for Steaming Meats or other matters; and do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a vertical section of the apparatus.

Figure 2 is a front elevation of it.

My invention is an improvement with reference to the steam cooking-apparatus described in Letters Patent, No. 47,675, granted to J. Zimmerman.

In the said Zimmerman's cooking-apparatus the inner perforated vessel of each section is permanently attached to the vessel or case immediately surrounding it. It has been found that steam in passing through the space which is between each perforated vessel and its encircling case, will carry with it and deposit within the said space more or less matter, whereby such space is apt to become foul, and when the two vessels are connected either at their top parts, or at the same and their bottoms, it has become very difficult, if not impossible, to remove the foul deposits from between them.

The purpose of my improvement is to enable both such vessels, as well as any one of the series employed, to be easily cleansed on either its outer or inner surface or surfaces, as circumstances may require.

For this purpose, I do not connect together either of the vessels and its case, situated over the boiler or water-holding vessel, but have them separate from each other, and so provided or made with annular shoulders, or their equivalents, as to enable the perforated vessel to be supported by and within its case, and to be readily lifted out thereof.

In the drawings, A denotes the boiler or water-holding vessel. B is the first case, which fits into the mouth of the said vessel as a kettle-cover generally enters and fits to a kettle. Near its upper end, and a short distance below the same, as represented, the case B is formed, with an annular projection or shoulder, *a*, to extend from and around its inner surface, the case B being cylindrical, and open at both ends. The perforated vessel C, to be placed in the case B, I make of the form of a conic frustum, and with an annular shoulder or flange, *b*, projecting from its upper edge, and so as to rest on the shoulder or flange *a* when the vessel C is within the case B. The case B enters the mouth of the boiler, and is provided with a lip or flange, *h*, to rest on the upper edge of such mouth. The mouth of the case B is to be of the same diameter as that of the boiler, in order to receive and support another case, E, to be arranged in it, and above its vessel C, in manner as shown in the drawings. The second vessel, D, and its case, E, and in fact any other of the series, I make in all respects like the vessel C and its case B, except it may be in point of length, each vessel being perforated with holes through its bottom and sides, to allow steam to pass freely into and out of the vessel. To each perforated vessel I apply a handle or bail, *c*, to enable it to be raised out of its case, and I also apply to the case two handles, *e e*, to enable such case to be separated from the boiler or case next below it. A cover, *f*, is applied to the upper of the cases.

The whole apparatus so made has all the advantages, and is to be employed for the same purpose or purposes as that of Zimmerman, and in addition it has what Zimmerman's apparatus has not, viz, a facility of being readily cleansed of matters deposited by the steam on the outer surface of either perforated vessel or on the inner surface of its case.

I do not claim as my invention the steam cooking-apparatus of the said Zimmerman; but

What I do claim is as follows:

In a culinary apparatus, made in sections, as described, I claim the combination, in each section, of the steaming-vessel with its surrounding case, under the arrangement specified, so that the said vessel shall be hung or suspended within its case by means of flanges or bearings, *a b*, formed upon both the vessel and case, in the manner set forth.

HORACE L. DUNCKLEE.

Witnesses:

R. H. EDDY,

F. P. HALE, Jr.