

P. L. SUINE.
BOILER FOR CULINARY PURPOSES.

No. 39,077.

Patented June 30, 1863.

Fig. 1. x

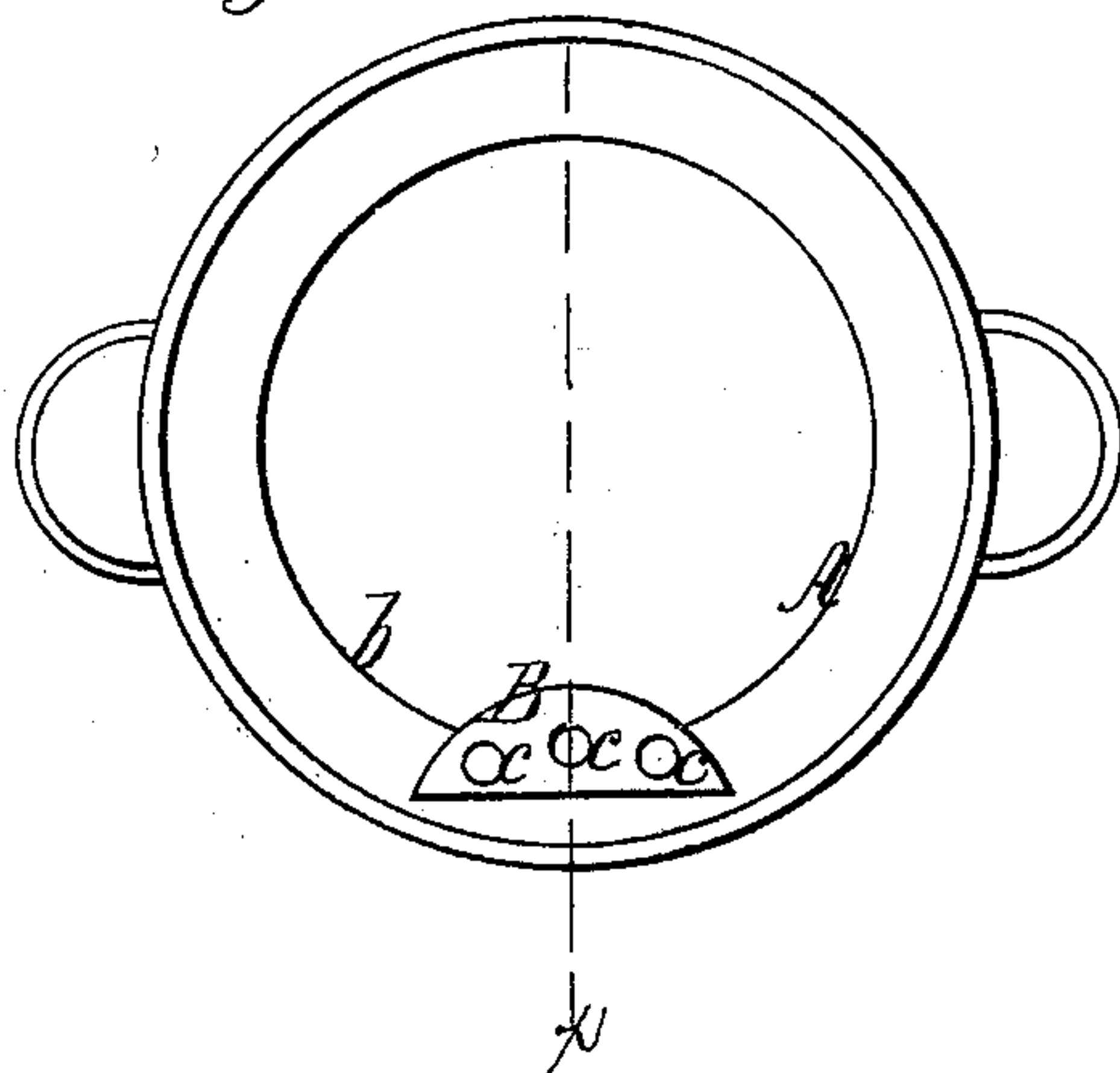
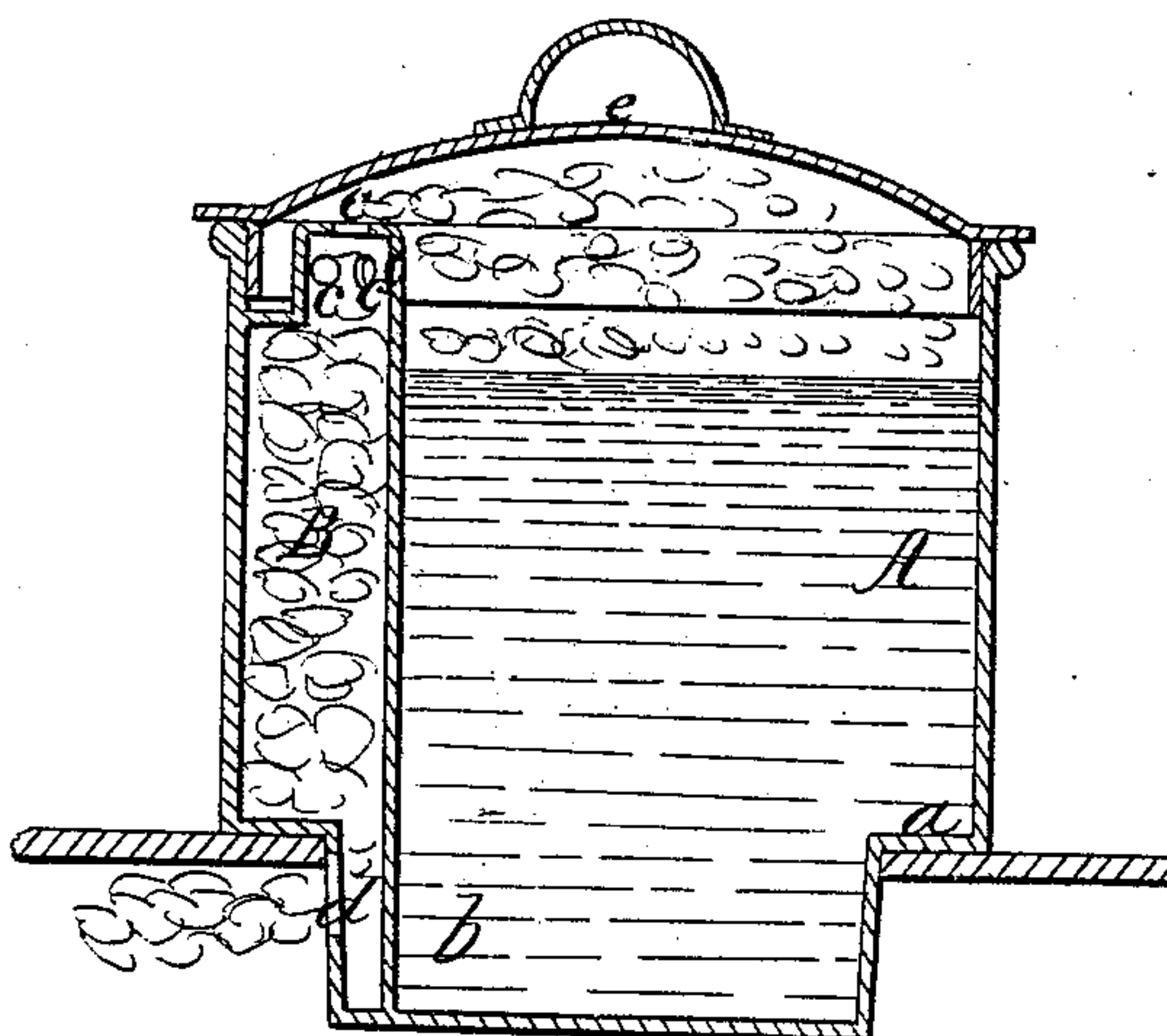


Fig. 2.



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UNITED STATES PATENT OFFICE.

P. L. SUINE, OF SHIRLEYSBURG, PENNSYLVANIA.

BOILER FOR CULINARY PURPOSES.

Specification of Letters Patent No. 39,077, dated June 30, 1863.

To all whom it may concern:

Be it known that I, P. L. SUINE, of Shirleysburg, in the county of Huntingdon and State Pennsylvania, have invented
5 a new and useful Improvement in Boilers for Culinary Purposes; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings,
10 making a part of this specification, in which—

Figure 1, is a plan or top view of my invention. Fig. 2, a vertical central section of the same.

15 Similar letters of reference indicate corresponding parts in the two figures.

This invention relates to a new and improved boiler for cook stoves, and consists in having a tube or steam pipe secured
20 within the boiler, the upper end of the former being about on a level with the top of the latter, and the lower end extending to the bottom of the boiler and communicating with the external air. By this arrangement, the steam from the boiler instead of escaping into the apartment as
25 hitherto, is made, when the boiler is fitted on the stove and the cooking process going on, to escape down the steam pipe into the
30 flue of the stove.

To enable those skilled in the art, to fully understand and construct my invention, I will proceed to describe it.

35 A, represents a boiler which may be constructed in any of the known forms, and provided as usual with a shoulder *a* to rest on the top of the stove; the lower part *b* of the boiler fitting within the stove as shown clearly in Fig. 2, a portion of the stove
40 top being shown in blue.

Within the boiler A, there is a tube or pipe B. This tube may be attached to the

side of the boiler, and extends from its upper part or top down to its bottom, as shown clearly in Fig. 2. The upper end
45 of the tube or pipe B, communicates with the interior of the boiler by means of perforations *c*, and the tube or pipe near its lower end communicates with the external air by means of a hole *d* shown in Fig. 2. 50
This hole *d*, when the boiler is fitted in a hole in the top plate of the stove, is below said plate. By this arrangement it will be seen that when the lid *e* of the boiler is adjusted upon it, and the cooking process is
55 going on, the steam in the boiler will escape through the perforations *c* in the upper end of the tube or pipe, and will pass down said tube or pipe, and pass through the hole *d* and into the flue of the stove. 60
Hence the steam and odor from the cooking victuals will not as hitherto escape into the compartment, and render the kitchen and frequently other adjoining rooms, disagreeable and unwholesome. 65

Having thus described my invention; I claim as new and desire to secure by Letters Patent—

As an improved article of manufacture a boiler for culinary purposes, constructed
70 with an internal tube or pipe communicating at its upper end with the interior of the boiler and provided at its lower end with a hole or opening, so that said tube or pipe, when the boiler is fitted in a hole in
75 the top plate of the stove, will be below the stove plate, and from a communication between the tube or pipe and the flue of the stove, substantially as and for the purpose herein set forth.

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Witnesses:

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