

E. M. DEEY.
Parlor Cooking-Stoves.

No. 155,428.

Patented Sept. 29, 1874.

Fig. 1.

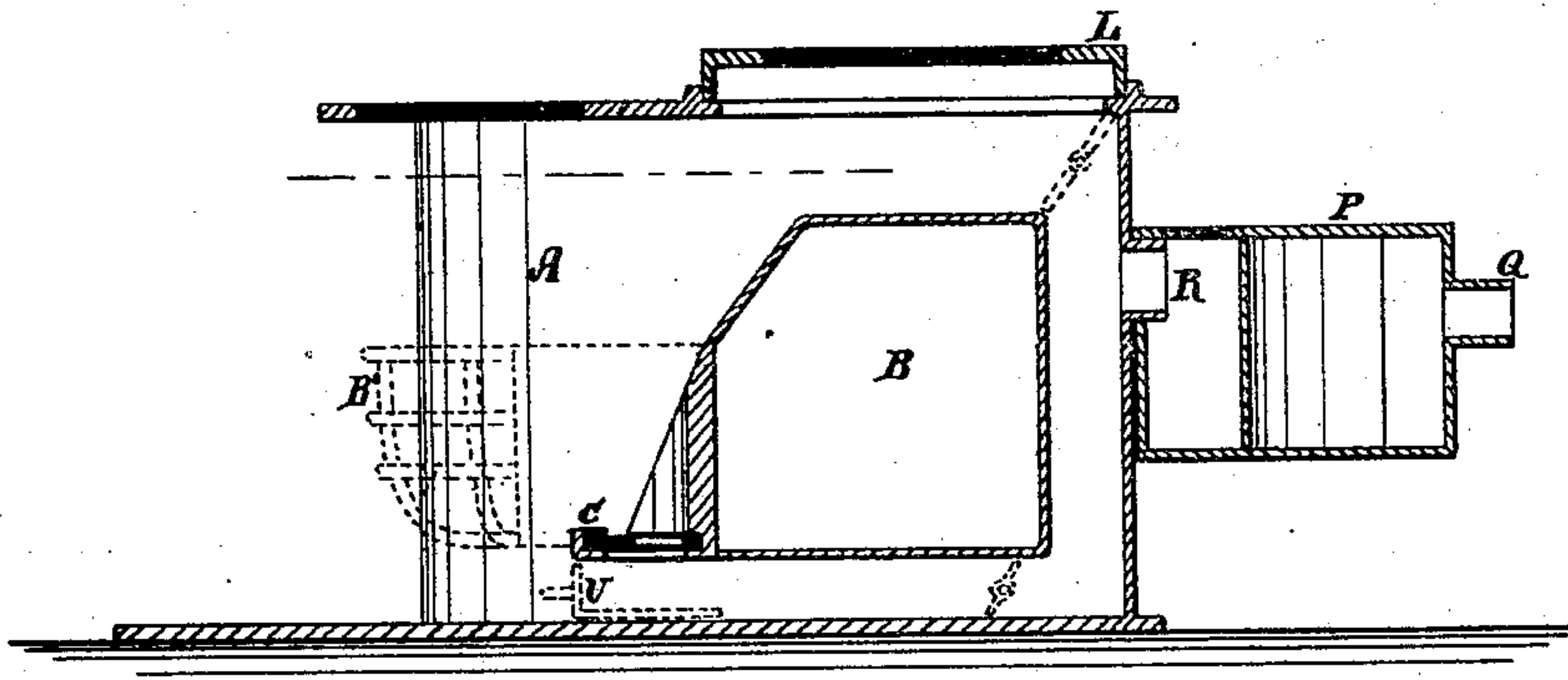


Fig. 2.

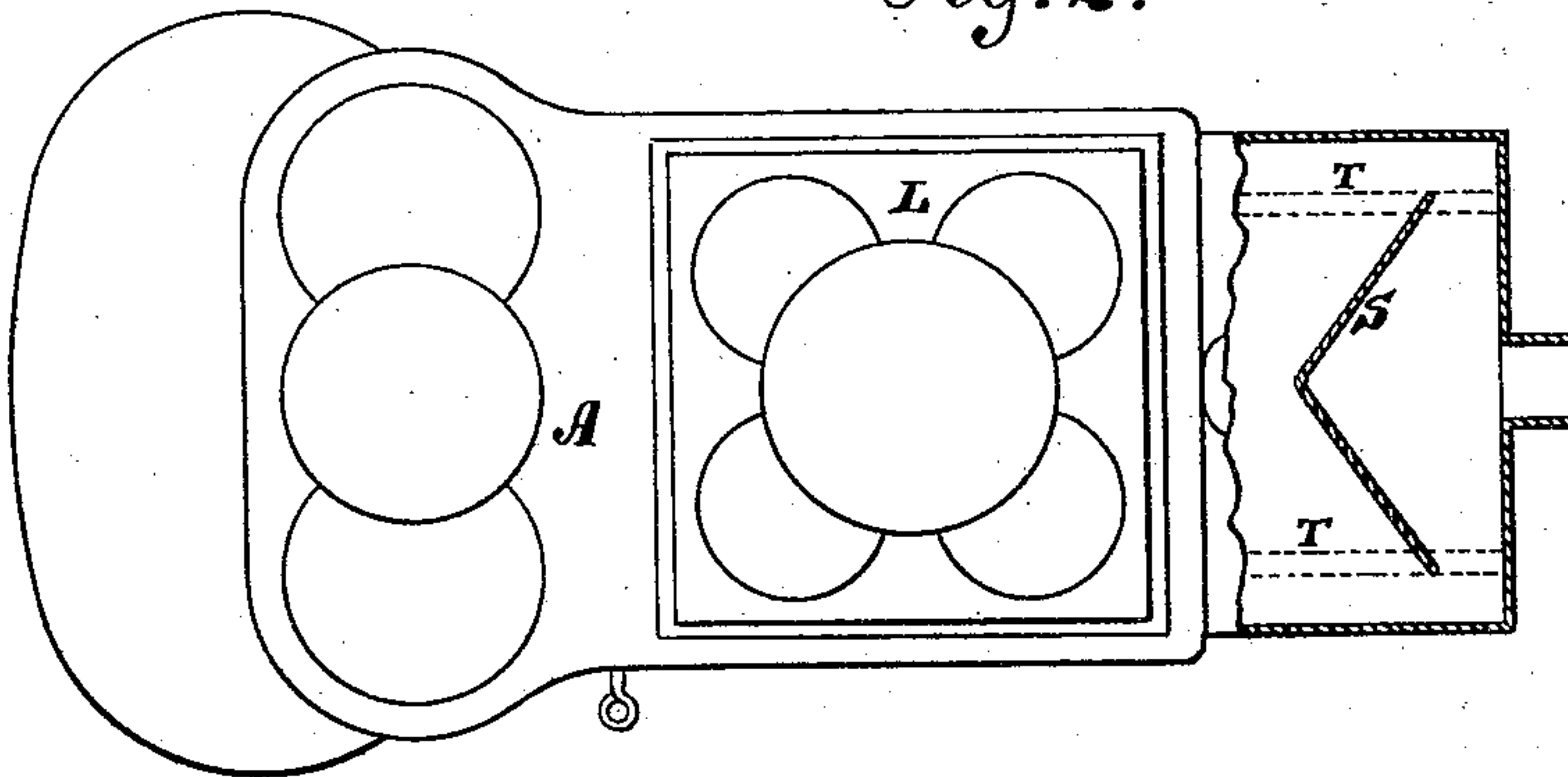
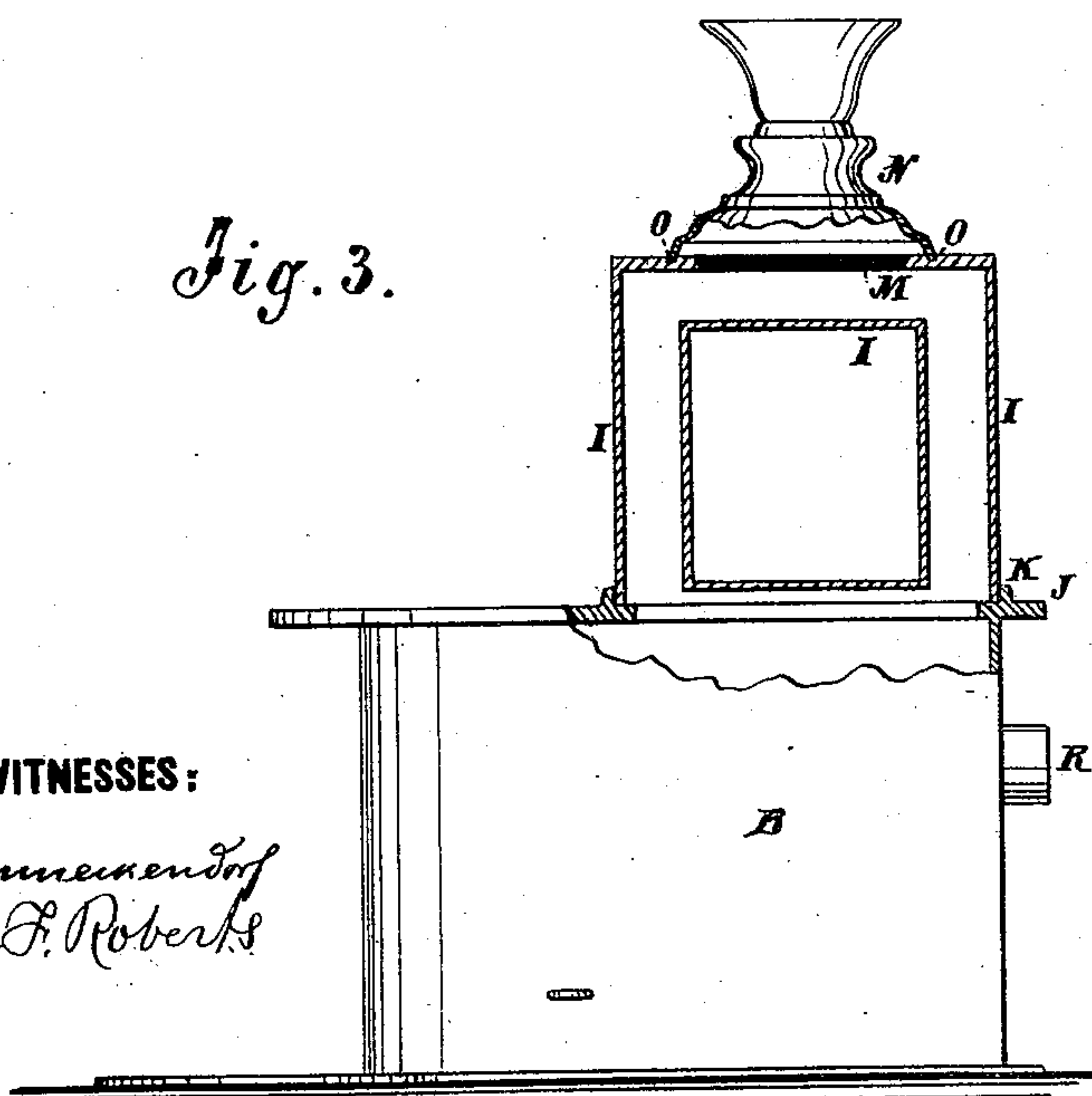


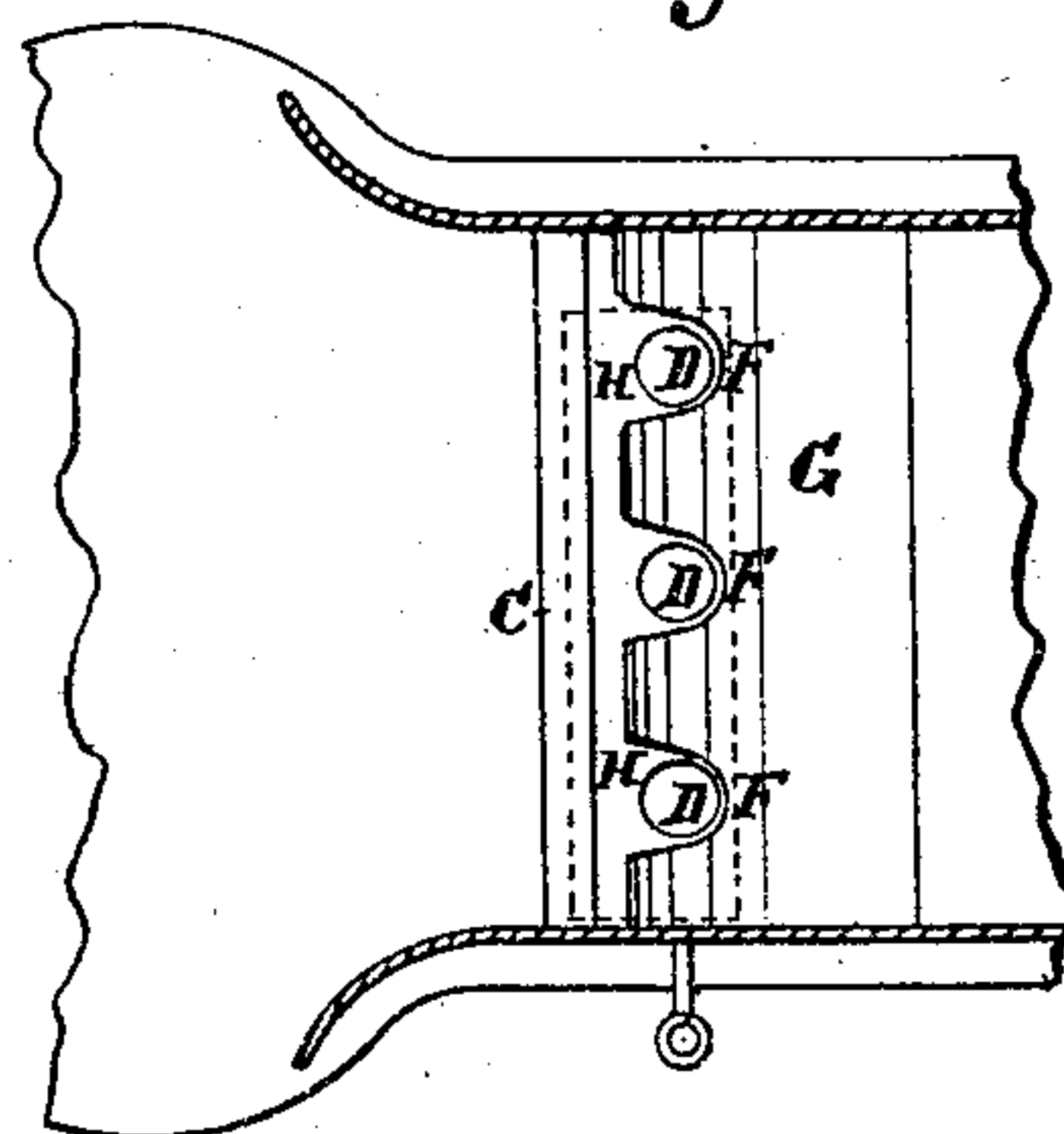
Fig. 3.



WITNESSES:

A Remmendorf
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Fig. 4.



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IMPROVEMENT IN PARLOR COOKING-STOVES.

Specification forming part of Letters Patent No. **155,428**, dated September 29, 1874; application filed August 10, 1874.

To all whom it may concern:

Be it known that I, EDWARD M. DEEY, of the city, county, and State of New York, have invented new and useful Improvements in Parlor Cooking-Stoves, of which the following is a specification:

This invention relates to improvements in parlor cooking-stoves of the kind for which a patent was granted to me July 16, 1872, being a fire-grate with a top, which may be used for cooking and may be converted into a self-feeding top, and a couple of ovens behind the grate, one being above another.

The invention will first be fully described, and then pointed out in the claim.

Figure 1 is a sectional elevation of the fire-place, lower oven, and the smoke-drum. Fig. 2 is a plan of the stove with the upper oven removed and the top plate put on in its place. It also shows the smoke-drum in horizontal section. Fig. 3 is a sectional elevation of the upper oven, and Fig. 4 is a horizontal section of Fig. 1.

Similar letters of reference indicate corresponding parts.

A represents the fire-place, which is in front of the lower oven B. The grate B' (shown in dotted lines) is arranged above the bed-plate C, under which the draft passes from the fire through the bottom of the grate when it may be required. G is the back plate of the fire-pot. It rests on the front edge of the bed-plate C, and has corrugations or grooves F in its front face, which correspond with passages D through the bed-plate, over which is a register or damper, H, to open or close them at will, for causing the draft to pass down through the fire-grate or through the back, as may be required. I is the upper oven, which is fitted detachably on the plate J, within the flanges K, so as to be readily removed for the application of a false top plate, L, with pot-holes in it for use in supporting cooking-pots

and the like when the oven is not wanted. U is a sliding damper, that may be used in practice under the fire-grate, for controlling the draft under the oven. M is a pot-hole in the top of oven I, under the removable top N, which is fitted in a groove, O, circumscribing the pot-hole, for preventing the escape of gas better than it can when it rests on the surface of the plate. P is the hot-air drum, for warming plates, and for certain kinds of cooking and for heating purposes, by the heat escaping from the stove. It consists of a closed sheet-metal box or case, which may be of any approved form and dimensions, and is provided with a pipe-connection, Q, for connecting the smoke-pipe and an orifice for reception of the pipe-connection R of the stove. It also contains a deflecting-plate, S, for causing the heat-current to divide and act upon both ends alike, and for bracing and stiffening the box by means of two supports, T, upon which its ends rest, the supports resting on the edges of the box. It also may have pot-holes made in it, when desired. It may be made of cast-iron, or partly of cast-iron and partly of sheet-iron, in which cases the form of the supporting-plate may be changed.

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

1. The combination, with the grate, of the back plate G, having grooves F, the passages D, and the damper H, as and for the purpose described.

2. The oven I, having the groove O around the hole M, in combination with top N, to hold the latter in position over said hole M, as shown and described.

E. MORTIMER DEEY.

Witnesses:

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SOLON C. KEMON.