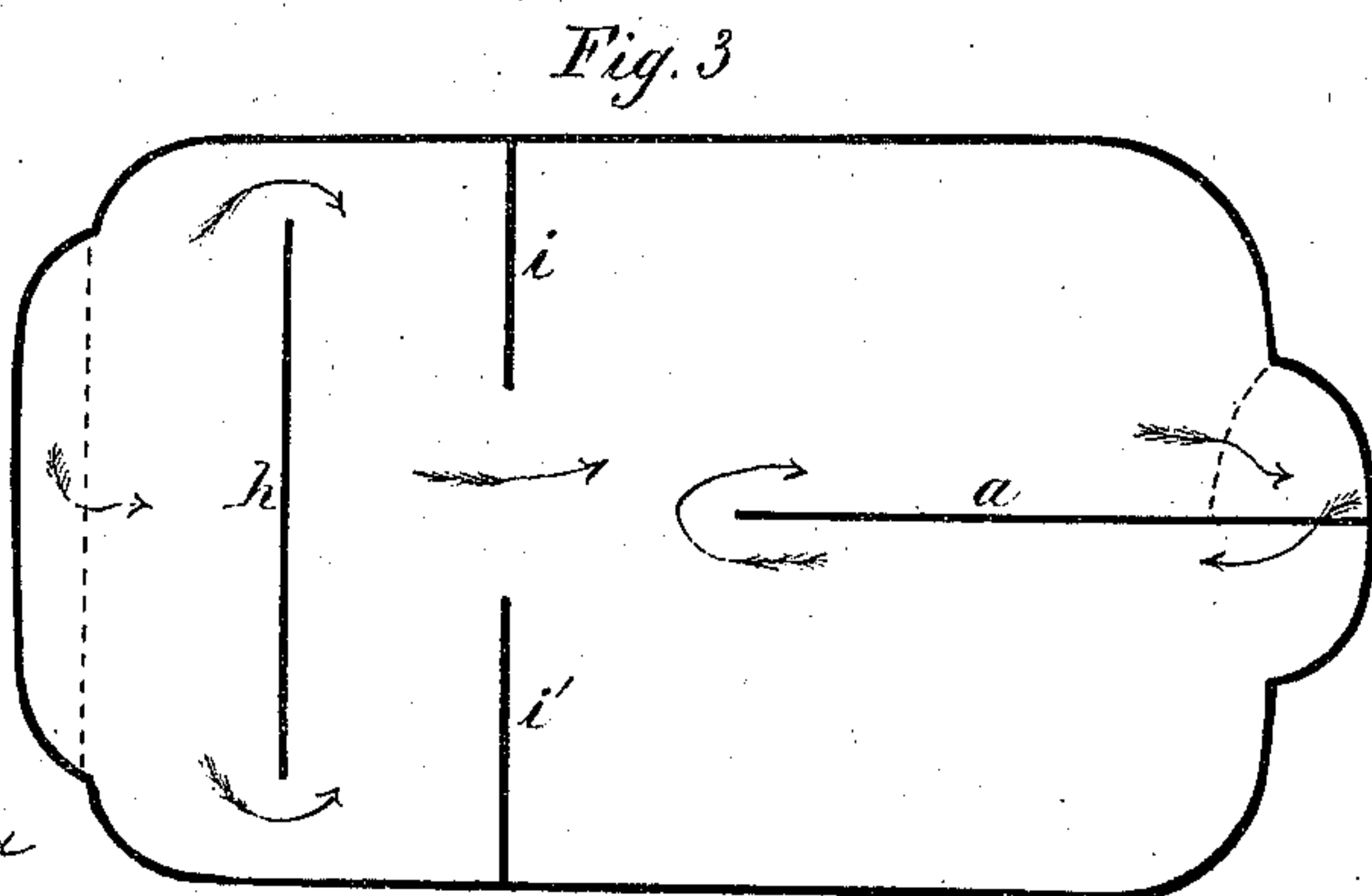
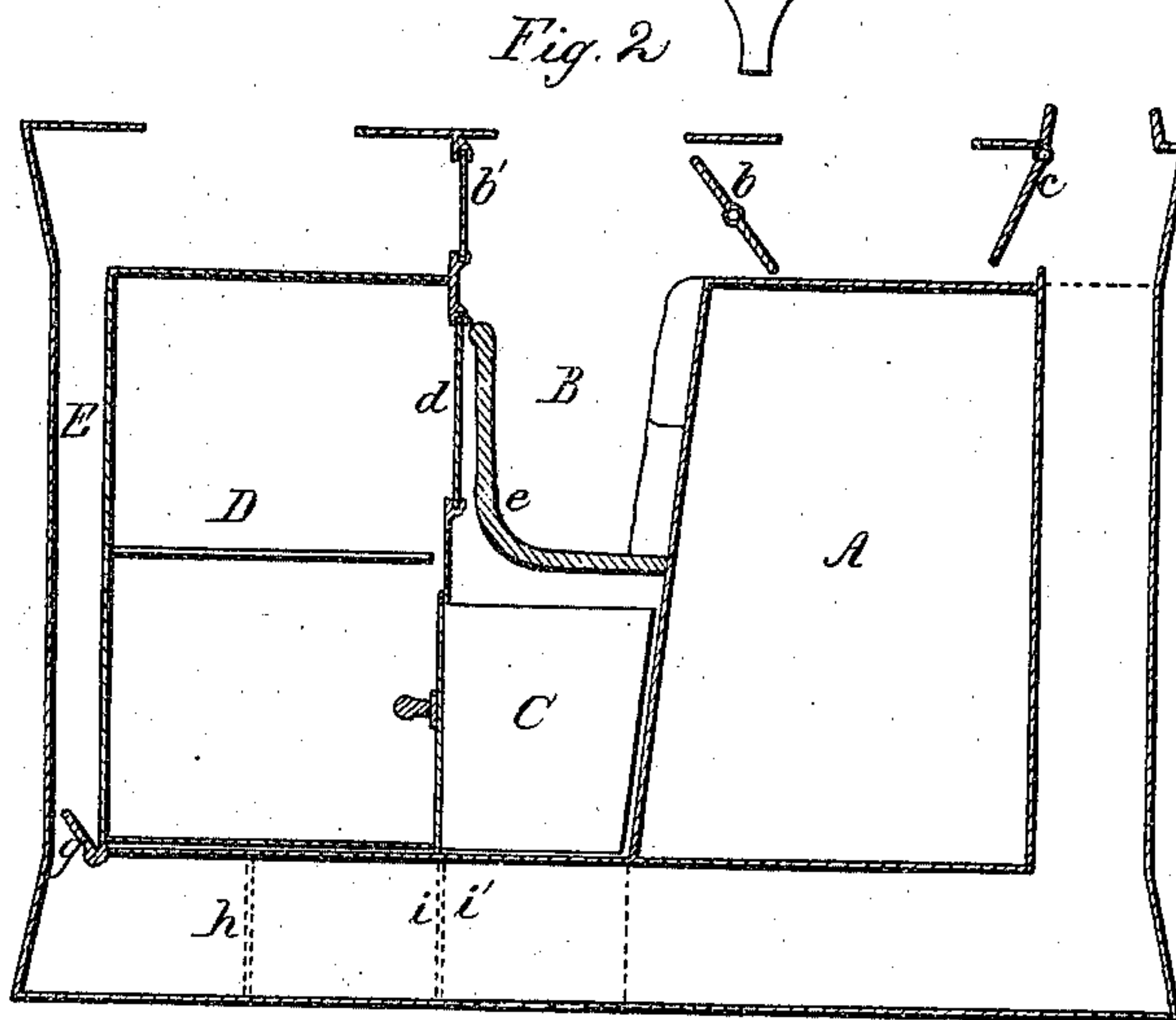
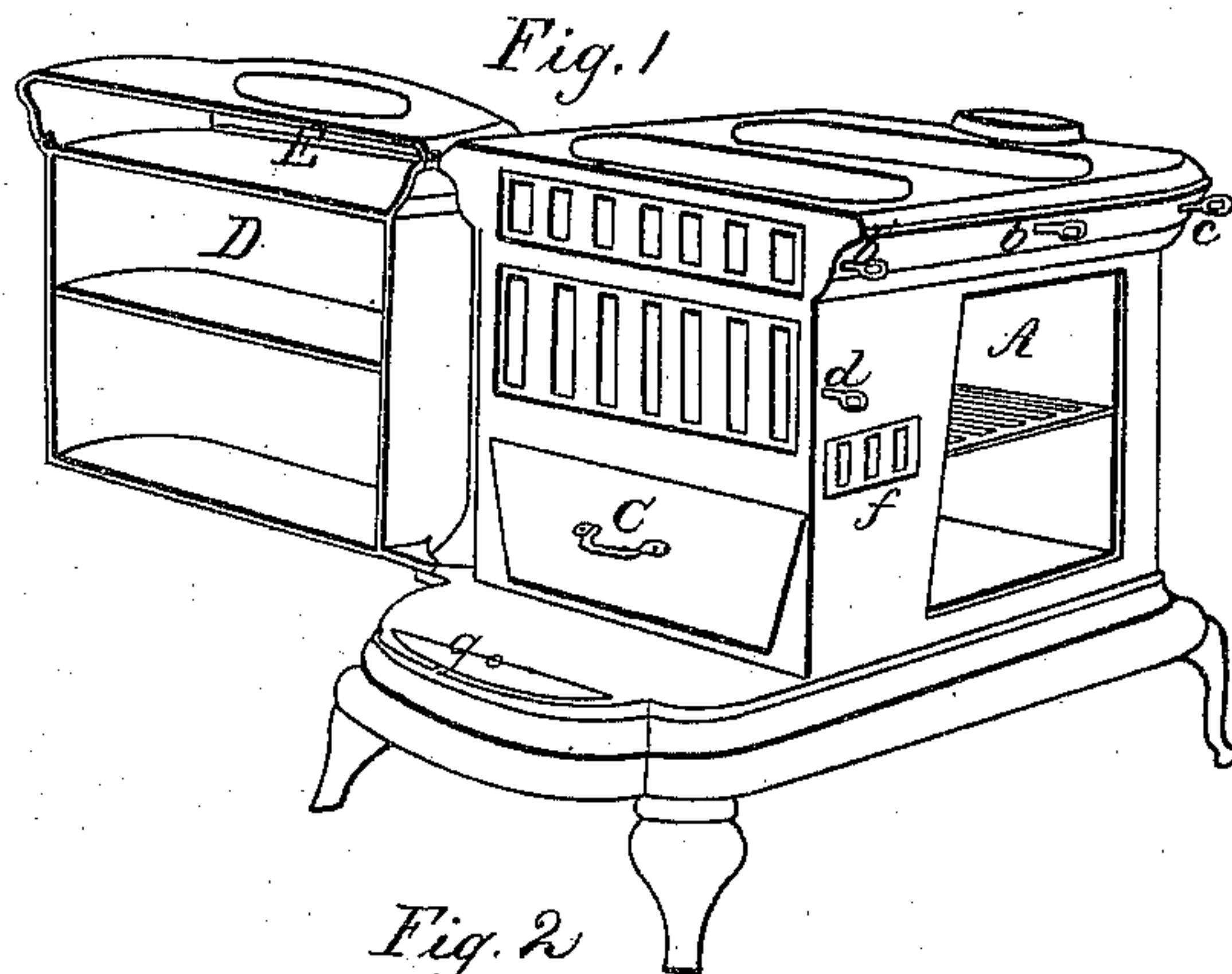


*E. Card.*  
*Cooking Stove.*

*N<sup>o</sup> 83,458.*

*Patented Oct. 27, 1868.*



*Witnesses;*  
*Loonates Scholfield*  
*Bailey & Borden*

*Inventor;*  
*Edward Card*



EDWARD CARD, OF PROVIDENCE, RHODE ISLAND.

*Letters Patent No. 83,458, dated October 27, 1868.*

**DOUBLE-OVEN COOKING-STOVE.**

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, EDWARD CARD, of Providence, in the county of Providence, and State of Rhode Island, have invented an Improvement in Stoves; and do hereby declare that the following is a full and exact description, reference being had to the accompanying drawings, making a part of this specification.

The nature of my invention consists in arranging two ovens, one with a direct and the other a return flue, so that either may be heated separately, as desired.

It also consists in the employment of a hinged oven, carrying a circulating flue with it, and placed in front of the stove.

To enable those skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

Figure 1 is a perspective view,

Figure 2, a sectional side view, and

Figure 3, a sectional top view, showing the arrangement of the bottom flues.

The back oven, A, is arranged with a common return flue, formed by the division-plate *a*, shown in fig. 3. The damper, *b*, closes the flue running back from the fire, and the slide *b'* controls the flue extending around the forward oven.

*c* is the damper, which controls the outlet to the pipe.

*d* is a slide, which opens a passage from the grate *e* into the forward oven, thus securing perfect ventilation.

B, in fig. 2, is the fire-chamber.

C is the ash-pan, and F, in fig. 1, the draught-slide.

The forward oven, D, as shown in fig. 2, has a flue, E, extending over the top of the same, thence downward in front of the stove, and connecting with the return flue under the other oven.

This oven may be stationary, with doors at the sides, or, where the door is placed in front, a section of the flue, E, may be attached and carried with the door, or the whole oven may be hung upon joints, as shown in fig. 1, the valve *g* being so arranged as to close the flue E, when the oven is swung back, such valve being again raised to open the flue by the act of closing the oven.

The division-plate *h*, under the forward oven D, serves to throw an equal amount of heat over the bottom, the heat being again brought toward the centre of the stove by the division-plates *i i'*, thence entering a branch of the return flue extending under the back oven.

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

Placing the forward oven, with its accompanying flue, upon joints or hinges, substantially as described.

Also, the division-plate *h*, in combination with either of the division-plates *i* or *i'* and plate *a*, substantially as described.

EDWARD CARD.

Witnesses:

SOCRATES SCHOLFIELD,  
BAILEY E. BORDEN.