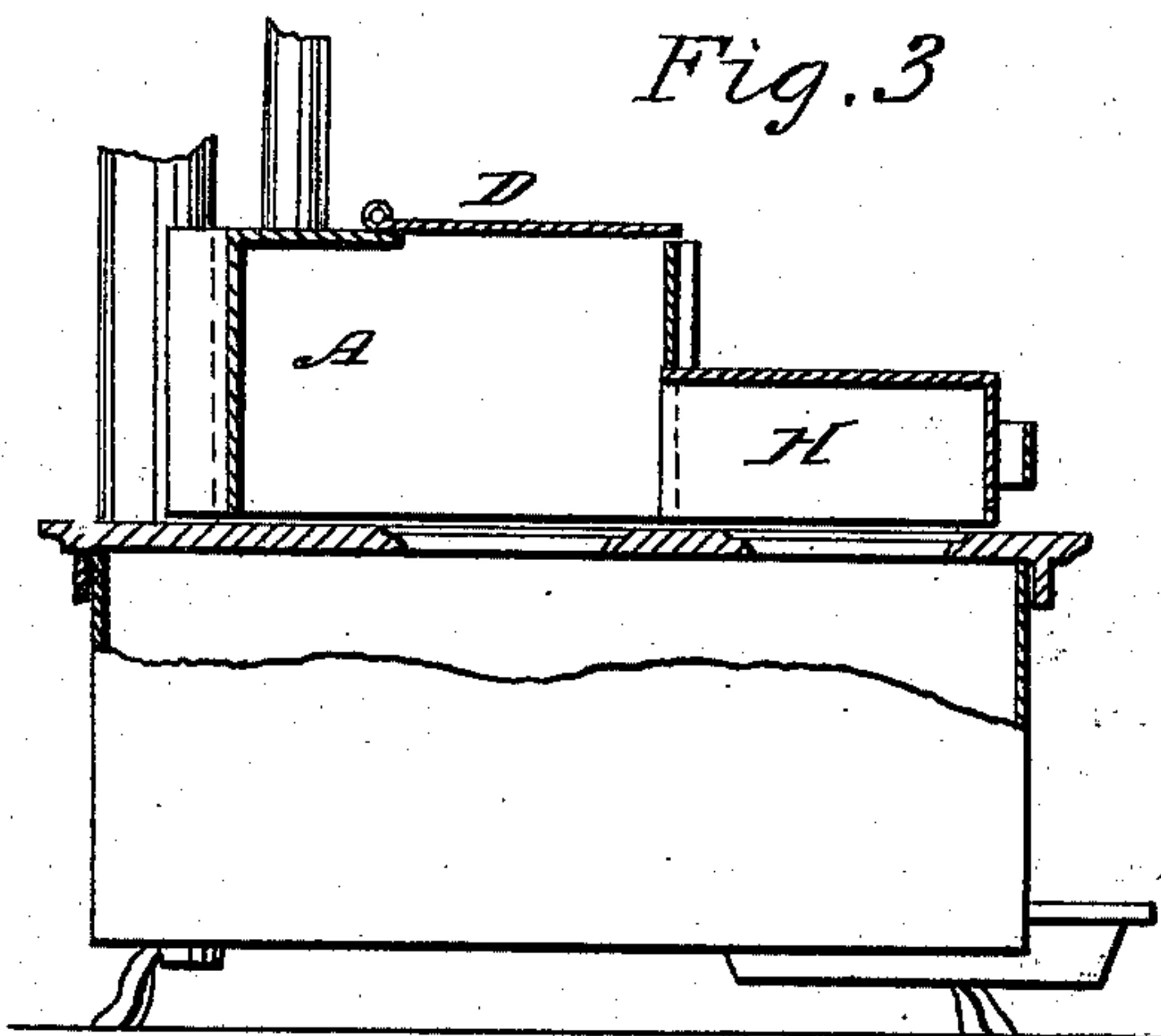
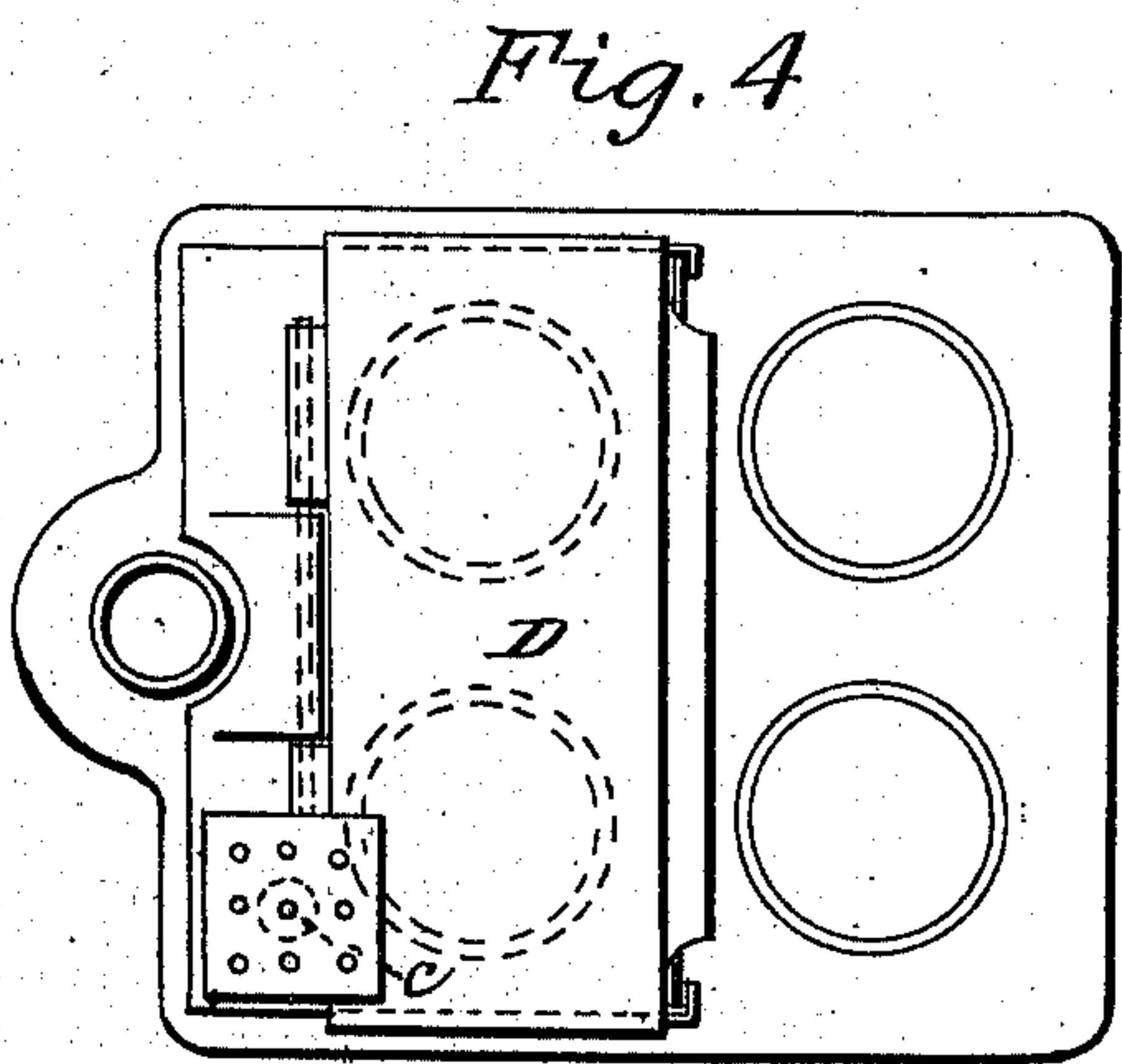
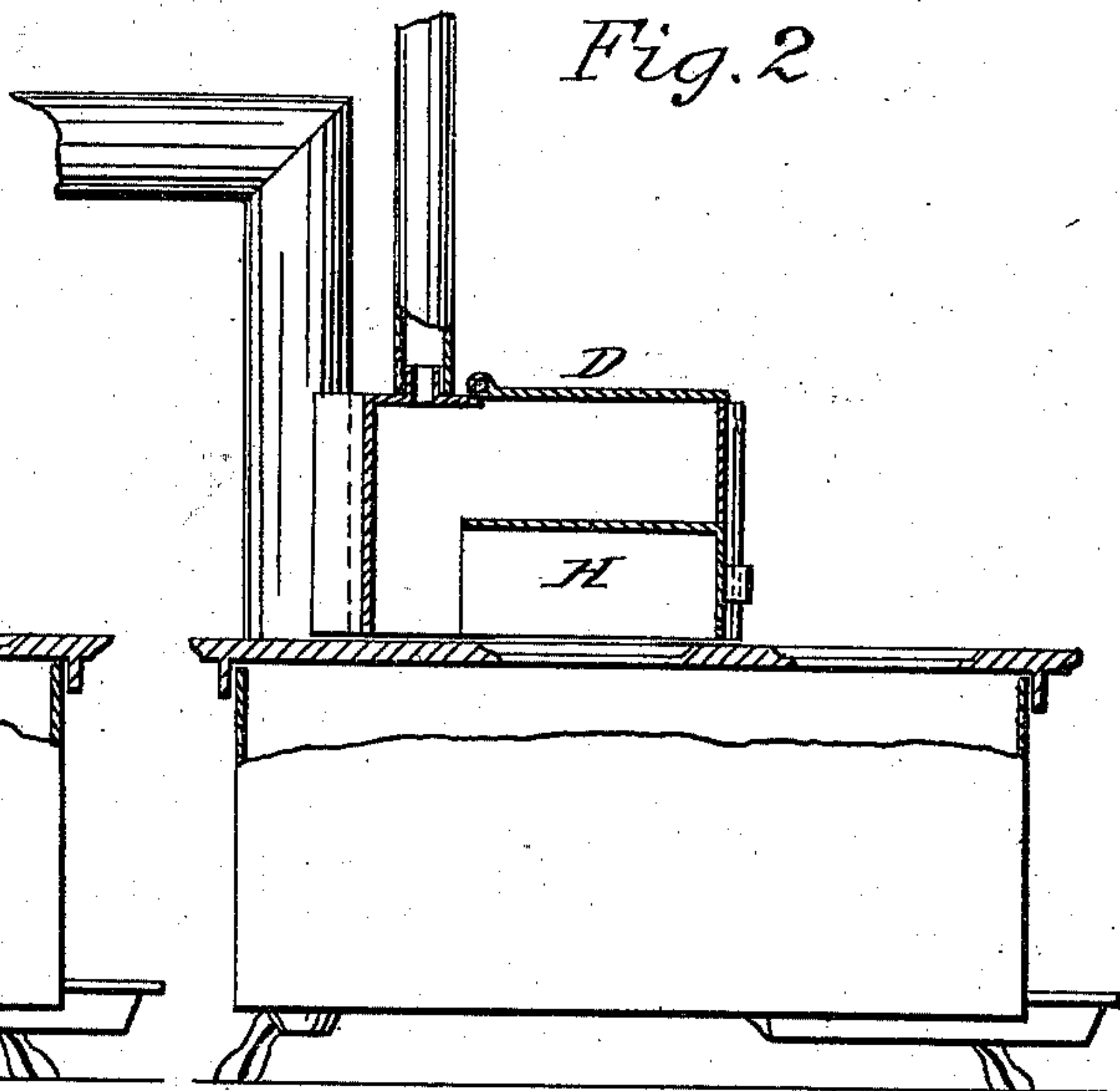
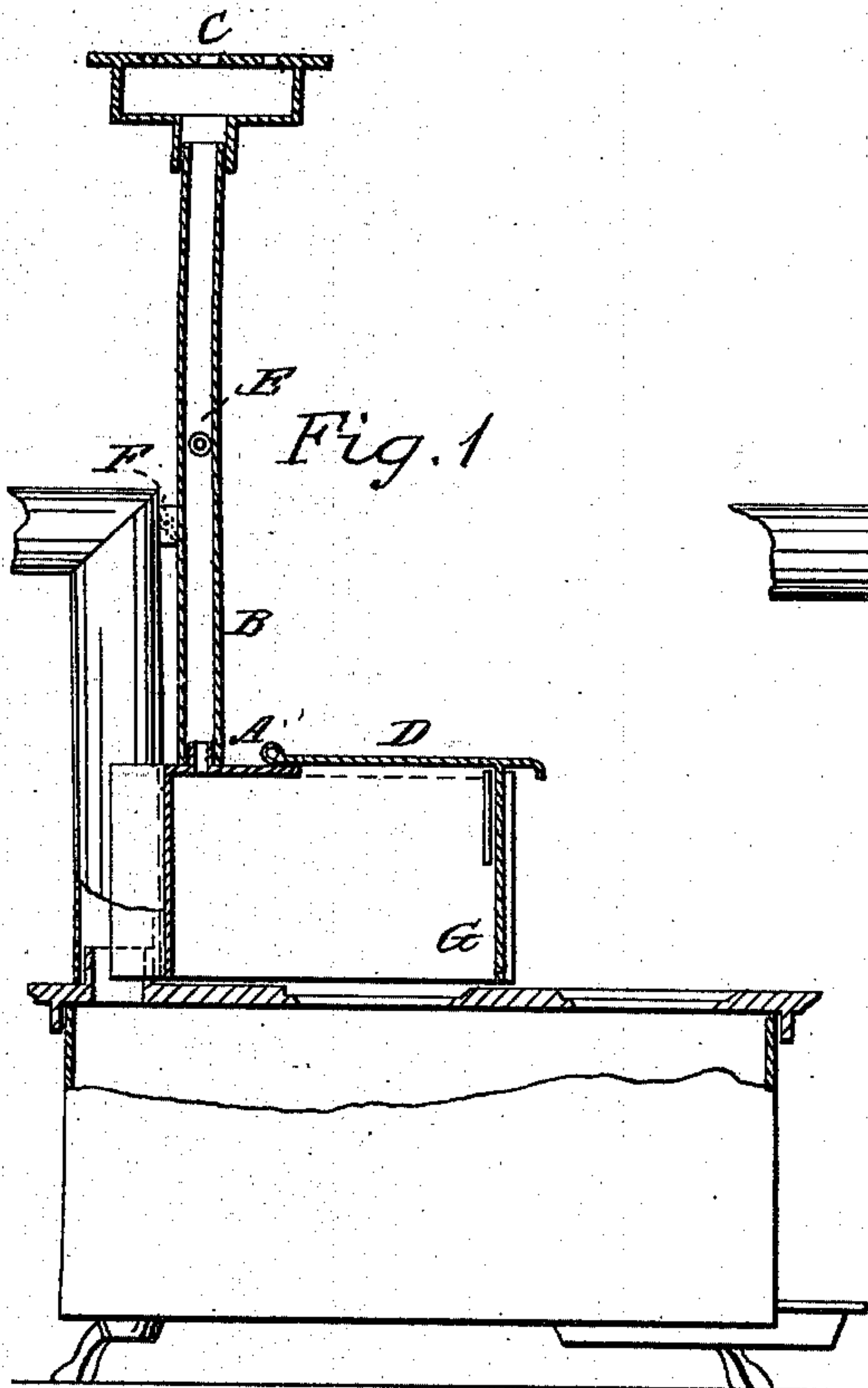


R. W. MYERS.
Heating Drum.

No. 97,678.

Patented Dec. 7, 1869.



Witnesses:
J. A. Prosser
Edgar Tate

Inventor:
R. W. Myers
PER [Signature]

United States Patent Office.

R. W. MYERS, OF GLEN GARDNER STATION, NEW JERSEY, ASSIGNOR TO HIMSELF, GEORGE GARDINER, WILLIAM GARDINER, AND O. L. GARDINER, OF SAME PLACE.

Letters Patent No. 97,678, dated December 7, 1869.

HEATING-ATTACHMENT FOR COOKING-STOVES.

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, R. W. MYERS, of Glen Gardner Station, in the county of Hunterdon, and State of New Jersey, have invented a new and improved Heater-Attachment for Stoves; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to an improved attachment for ranges and cooking and other stoves, for taking up the heat given off from the tops of the same, also from the oven, to convey it to other rooms; also, for receiving the steams and odors from the cooking-vessels, to convey them to the flues, and prevent them from being given off to impregnate the atmosphere in the house.

The said invention consists of a sheet or cast-metal case, open at the bottom, and fitting the top of the stove, either the whole or a part capable of covering the cooking-vessels, and provided with flues for conveying the heat given up to it from the stove, either to the rooms above, through registers, or to the smoke-flue, when conveying away the odors from cooking food.

Figure 1 is a sectional elevation of one form of my improved attachment;

Figure 2 is a similar section, showing the application of a drawer to cover the front part of the stove, when drawn out, to serve as a shelf to hold pans for baking in the case, if required;

Figure 3 is a section, showing the drawer extended over the front part of the stove; and

Figure 4 is a plan view of the heater as applied to a stove.

Similar letters of reference indicate corresponding parts.

A is a sheet or cast-metal case, open at the bottom, and arranged, in respect to horizontal area, to cover the whole of the top of a stove or range, or it may be only of sufficient size to cover from the rear to the centre of the space between the front and rear holes, as represented in the drawings.

It is provided with a flue, B, communicating with the rooms above, through registers, C, and with the smoke-flue D, also with valves E F, to close the communication with either.

This case is intended mainly as a heater-attachment for heating upper rooms by the surplus heat of cooking-stoves and ranges, but it may be used also as an oven

for-baking or other cooking, and it may be used also for receiving the odors escaping from cooking food, to convey them to the smoke-flue, and prevent their escape to the rooms.

The said case may be large enough to cover the whole of the stove, and have a door, D, at the top or sides, for placing the cooking-vessels on the stove or in the holes in the top of the same; or it may cover a part of the top only, as represented in the drawing, leaving the front holes exposed for access without opening the case.

When made in this way, a drawer, H, with a closed top, open bottom and rear, may be arranged to slide in and out of the front of the case, which, being drawn out to the front of the stove, as represented in fig. 3, will receive and convey the heat of the front thereof to the case A.

The top of this drawer will serve a good purpose as a shelf or grate for supporting pans for baking in the case A.

G is a slide, which may be used to close the opening in the front of the case A, for the drawer, in cases when it may be required to remove the drawer entirely for placing pots in the outer and inner holes.

With this improved attachment the heat of the ovens may also be utilized for heating the rooms above, by placing suitable tubes in the stove leading from the ovens to the case, which tubes may have slides or other means for closing them, when the heat of the ovens is to be retained for baking.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

1. A heater-attachment for stoves or ranges, adapted for receiving the heat from the top of the stove or from the ovens, or the steams and odors from cooking-vessels enclosed by it, and provided with pipes for conveying the heat to the rooms above, also provided with pipes communicating with the smoke-flue and valves, as described, for discharging the odors of cooking food to the said flue, all substantially as specified.

2. The combination, with the case A, provided with the front openings, of the drawer F and slide G, substantially as specified.

The above specification of my invention signed by me, this 4th day of November, 1869.

R. W. MYERS.

Witnesses:

GEO. W. MABEE,
ALEX. F. ROBERTS.