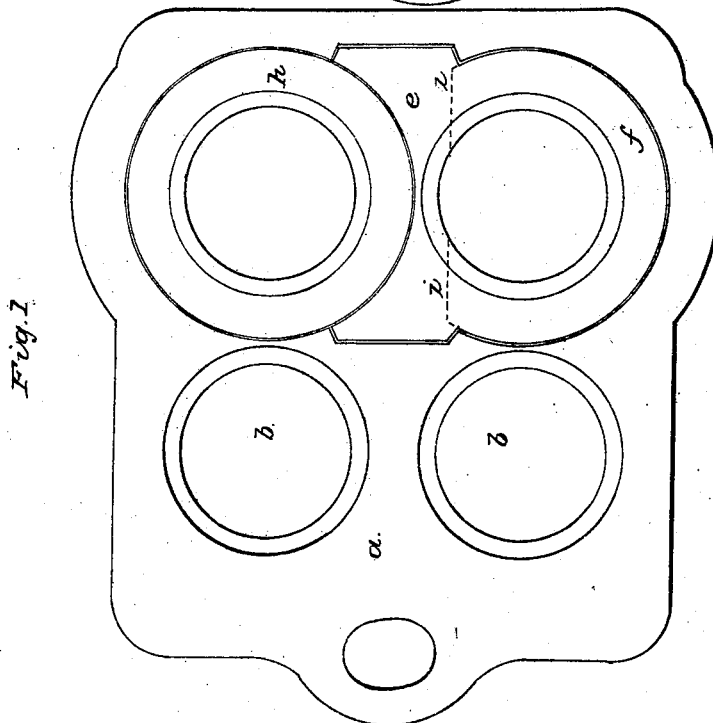
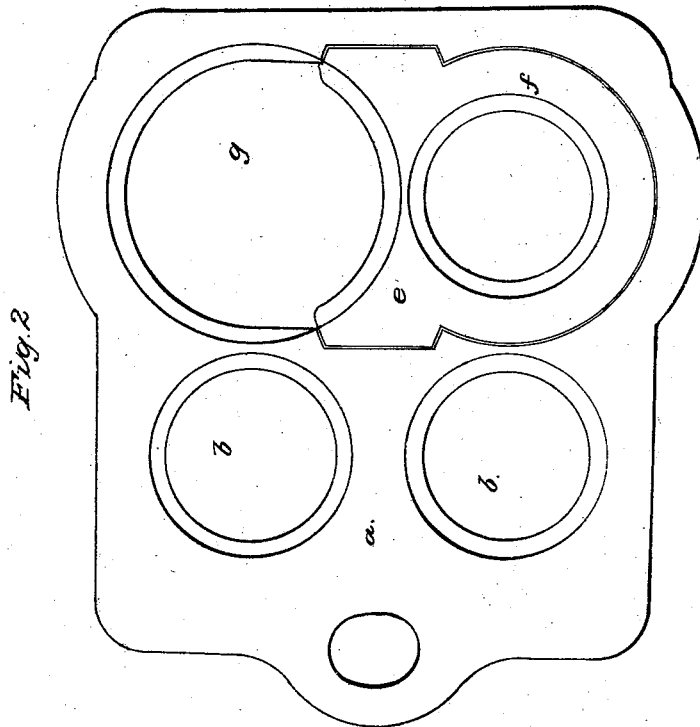


G. E. WARING.
Cooking Stove.

2 Sheets—Sheet 1.

No. 5,955.

Patented Dec. 5, 1848.



G. E. WARING.
Cooking Stove.

2 Sheets—Sheet 2.

No. 5,955.

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Fig. 4.

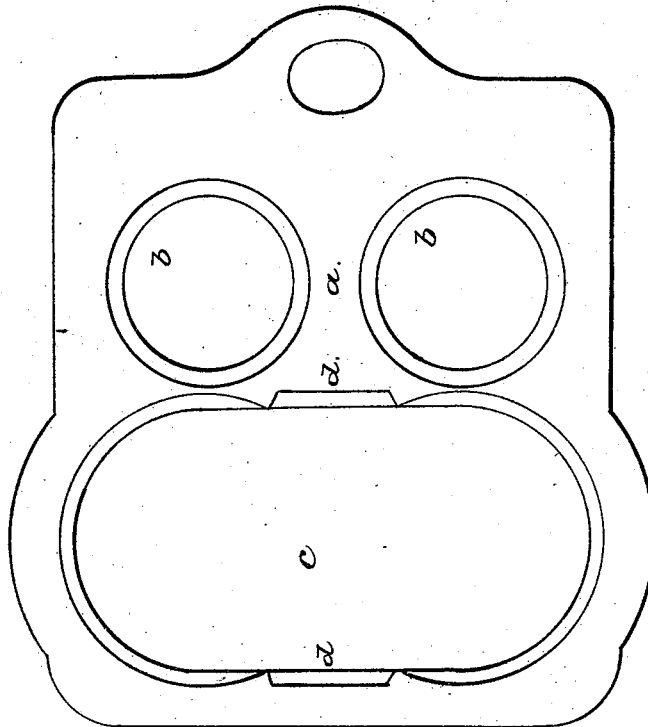
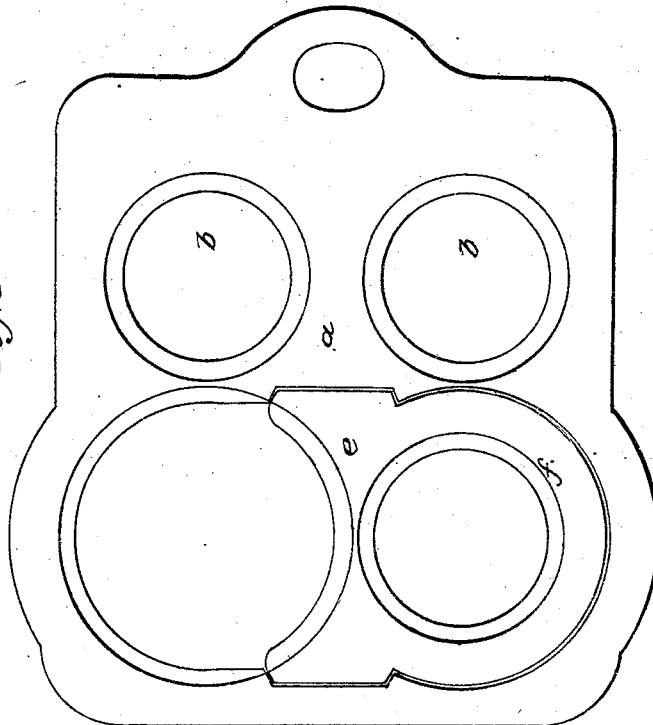


Fig. 3.



UNITED STATES PATENT OFFICE.

GEO. E. WARING, OF STAMFORD, CONNECTICUT.

PLATE FOR BOILER-HOLES IN COOKING-STOVES.

Specification of Letters Patent No. 5,955, dated December 5, 1848.

To all whom it may concern:

Be it known that I, GEORGE E. WARING, of Stamford, in the county of Fairfield and State of Connecticut, have invented a new and useful Improvement in the Top and Boiler-Holes of Cooking-Stoves, and that the following is a full, clear, and exact description of the principle or character which distinguishes it from all other things before known and of the manner of making, constructing, and using the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 represents the top of a cooking stove with four small boiler holes; Fig. 2, the same with one of the said holes enlarged; Fig. 3, the same, with the enlarged hole put on the opposite side; and Fig. 4, the same with the front holes opened into one for a long boiler.

The same letters indicate like parts in all the figures.

Cooking stoves are generally made with two small boiler holes toward the back and a large hole in front for a long boiler, but which by means of a shifting center piece can be divided into two small circular boiler holes. Contracting rings have also been adapted to boiler holes for the purpose of reducing their diameter.

The object of my invention is so to arrange the shifting parts of the long boiler hole in front, as to adapt it either to a long boiler, to two small round boilers, or to one large and one small round boiler, to be reversed at pleasure to either side; and to the accomplishment of these ends the nature of my invention consists first in making the movable center division piece, heretofore used simply to divide the long hole into two circular ones, apart of a ring which fits one end of the long boiler hole, the division part being on one side of the central line, by means of which the long hole is divided into two circular holes, one large and the other small, so that by reversing this the large hole can be placed on either side at pleasure. And my invention also consists in the employment of a contracting ring in combination with the division piece by means of which combination the long boiler hole can be so altered as to make two small circular holes, or one small and one large to be reversed to either side at pleasure, the large hole by this means being of greater

diameter than half the length of the long boiler hole.

In the accompanying drawings (*a*) represents the top plate of a cooking stove, and (*b, b*) the two rear boiler holes, and (*c*) the long boiler hole in front, made with recesses and flanges (*d, d*) in the usual manner to sustain the boilers and the division piece (*e*) which is made part of a contracting ring (*f*). The division piece instead of being in the middle of the long boiler hole is on one side thereof to form a hole (*g*) on one side of greater diameter than half the length of the long boiler hole. By reversing this united division piece and contracting ring the large hole can be shifted from one side to the other, as shown in Figs. 2 and 3; and the large round hole (*g*) can also be contracted by the use of a contracting ring (*h*). In this way it will be seen that the stove can be varied to have two small holes at the back and a long one in front, or instead of the long hole in front, to have a small round one on one side and a large one on the other, which can be reversed from one side to the other, the united division piece and contracting ring being so adapted to the flanges and recesses of the long hole as to admit of being reversed. And that finally it can be varied to have two small circular holes in front.

It will be seen that the division piece and contracting ring which I have described as being made in one piece, may be made in two pieces, as shown by the red lines (*i, i*), but without varying in the least the principle of my invention. I am aware that the long boiler hole of a cooking stove has heretofore been so formed that it could be contracted to one large circular hole of greater diameter than half the length of the long hole, but this has been done by two half moons, as they are termed, that contract the long hole into a circular one only, but by my plan I am enabled to retain a small circular hole by the side of the large one and thereby obtain the advantage of this additional hole, which at the same time, by the combination of the contracting ring I am enabled to alter the stove to four small circular holes.

I do not therefore claim as my invention simply the use of a division piece in the middle of the long boiler hole to form two circular holes therein, nor do I claim sepa-

ately and alone the use of contracting rings; but

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

5 Making the division piece part of a contracting ring, substantially as herein described, that it may be reversed from side to side, whereby I am enabled to divide the

long boiler hole into two, one small and one large, the large one being of greater diameter than could be formed with the usual division piece in the middle, as described.

GEO. E. WARING.

Witnesses:

JOHN W. HARMS,

WILLIAM T. MINOR.