2 Sheets—Sheet 1.

T. H. ROBERTS.

Reservoir Cook-Stove.

No. 216,892. **Patented June 24, 1879.**

Fig. 1

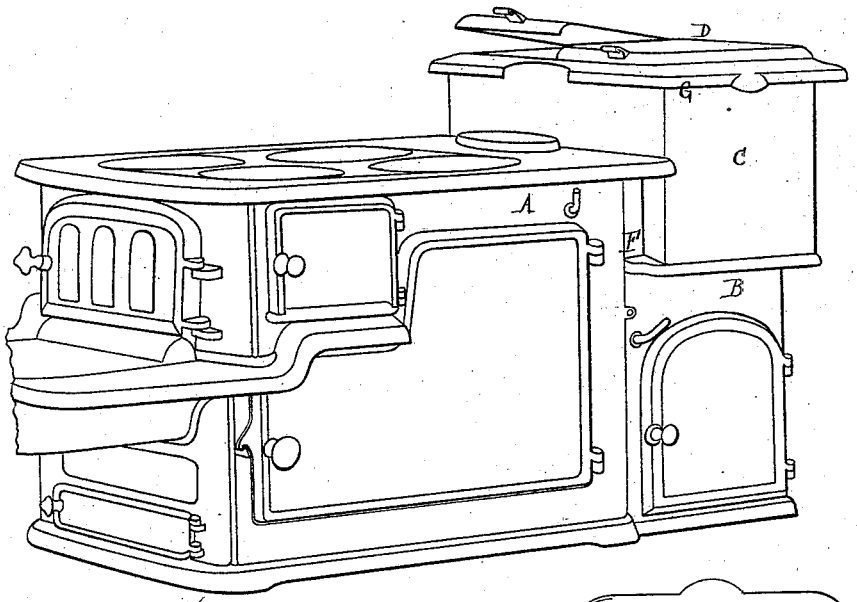


Fig. 2

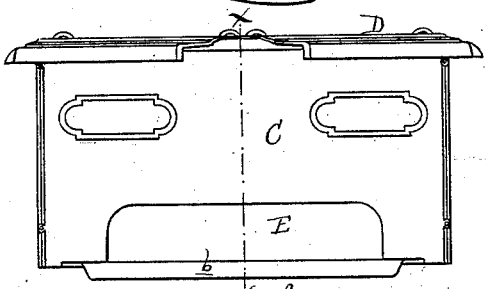


Fig. 3

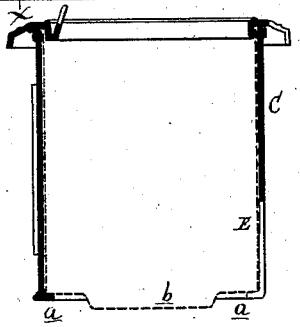
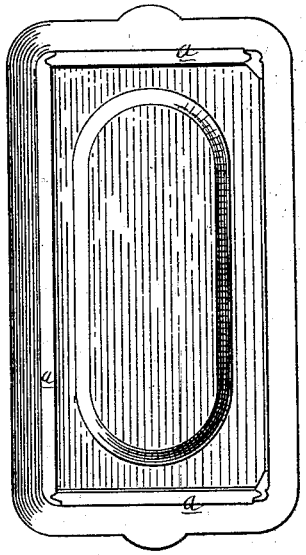


Fig. 4



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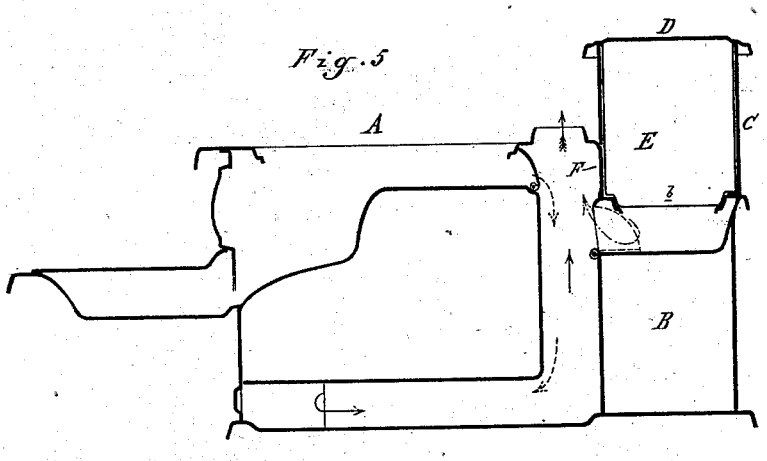
2 Sheets—Sheet 2.

T. H. ROBERTS.

Reservoir Cook-Stove.

No. 216,892. **Patented June 24, 1879.**

Fig. 5



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UNITED STATES PATENT OFFICE.

THEODORE H. ROBERTS, OF DETROIT, MICHIGAN, ASSIGNOR TO MICHIGAN STOVE COMPANY, OF SAME PLACE.

IMPROVEMENT IN RESERVOIR COOK-STOVES.

Specification forming part of Letters Patent No. **216,892**, dated June 24, 1879; application filed December 26, 1878.

To all whom it may concern:

Be it known that I, THEODORE H. ROBERTS, of Detroit, in the county of Wayne and State of Michigan, have invented an Improvement in Reservoir Cook-Stoves, of which the following is a specification.

The nature of my invention relates to certain new and useful improvements in the construction of reservoirs for cook-stoves, wherein the reservoir and casing are so constructed that they can be removed either separately or together and placed upon any pair of boiler-holes in the stove-top, as an ordinary wash-boiler is placed, while the boiler-hole covers thus removed can be employed to cover the flue-space over the warming-closet, which has been left exposed and open by the removal of the reservoir.

In the drawings, Figure 1 is a perspective view of a three-flue cook-stove of the usual construction, and provided with a warming-closet, and with my improved water-reservoir attached. Fig. 2 is a front elevation of the casing of the reservoir, showing a part thereof cut out. Fig. 3 is a vertical cross-section on the line *x x* in Fig. 2. Fig. 4 is a plan view of the bottom of the boiler or reservoir and its incasement. Fig. 5 is a vertical section of a three-flue cooking-stove, showing the connection with the reservoir.

In the accompanying drawings, which form a part of this specification, A represents a three-flue cook-stove of the ordinary construction, provided with a warming-closet, B. C is a reservoir-case provided with the usual covers D.

The castings which form the sides and ends of such casing are cast with inwardly-projecting flanges *a*, upon which the flat portion of the bottom of the reservoir E rests, as shown in Fig. 3, while the sunken portion or well *b*, which is designed to fit any pair of boiler-holes on the stove, projects below the bottom of the incasement, to fit a correspondingly-shaped opening in the flue-extension over the top of the warming-closet. This opening corresponds to similar openings for culinary purposes in the top of the stove proper; and, when desired, the reservoir, with or without its casing, may be removed and placed upon any pair of such holes, while their covers and T may be employed to close the opening from which the reservoir has been removed.

The front of the casing is cut away, as shown in Fig. 3, to fit a correspondingly-shaped projection, F, in the rear vertical plate of the stove, so that the products of combustion, in their passage over the oven to the flue-extension over the warming-closet, will find at that point but one cast-iron plate interposed between them and the front of the reservoir. Without such cutting away the back of the stove and the front wall of the casing would be interposed at that point to the detriment of the action of the heat upon the reservoir.

I have described and shown my invention as connected with a three-flue cook-stove; but I do not desire to confine myself to such adaptation, as it is evident that the invention can be equally well adapted to any cook-stove wherein there is a warming-closet with a flue-extension over its top, or wherein a flue-extension is provided for the purpose of receiving and supporting a reservoir.

By this construction facilities are offered for removing the reservoir for repairs, and also for shipping without injury to the reservoir, as the reservoir is surrounded by cast-iron upon all sides except the bottom.

What I claim as my invention is—

1. The reservoir-casing C, open at its bottom, and having removable top G, in combination with the water-reservoir E, inclosed by such casing and adapted to be removed therefrom, whereby either the reservoir alone can be removed from the stove or the casing and reservoir together, substantially as described and shown.

2. The casing C, inclosing the water-reservoir E, and having removable top G and cover D, and constructed with open bottom and with flanges *a*, and cut away, as at *b*, substantially as described and shown, for the purposes set forth.

THEODORE H. ROBERTS.

Witnesses:

W. A. SUTTON,

R. M. MASTER.