

W. H. H. LARDUSKEY.
Reservoir Cooking Stoves.

Patented March 24, 1874.

No. 148,836.

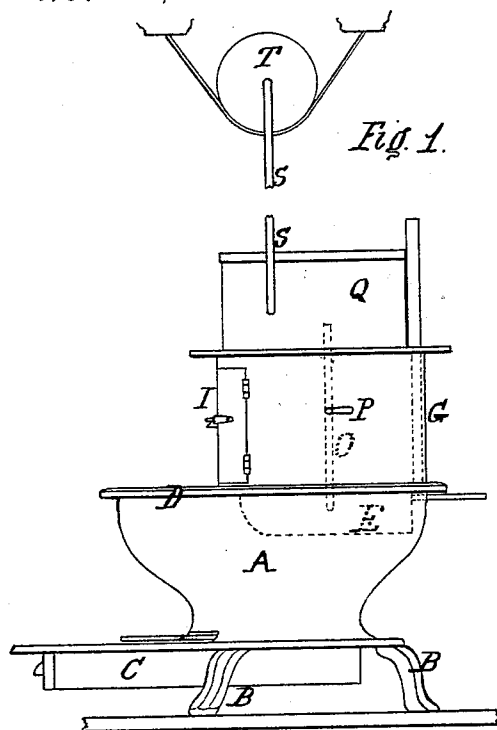


Fig. 1.

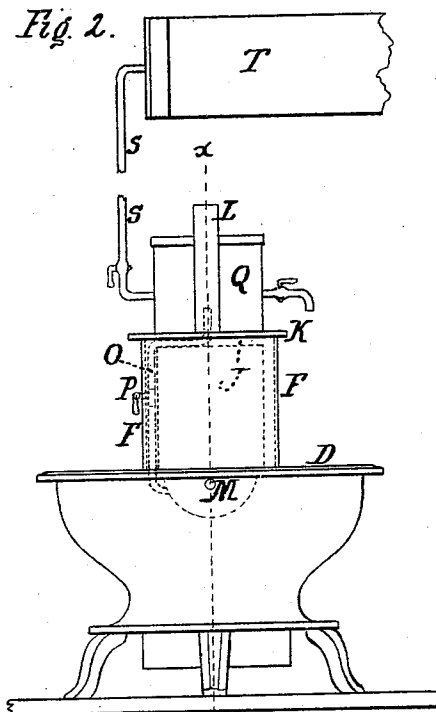
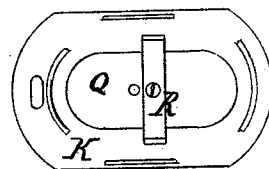
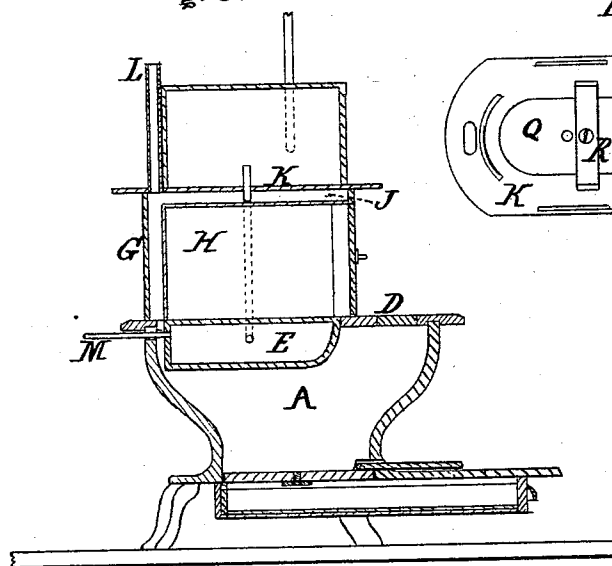


Fig. 2.

Fig. 3.

Fig. 4.



Witnesses.
 Com^r R. Wright
 Thos. A. Buett.

William H. H. Larduskey,
 by his Atty.
 Horace Binney, 3rd.

UNITED STATES PATENT OFFICE.

WILLIAM H. H. LARDUSKEY, OF BALTIMORE, MARYLAND.

IMPROVEMENT IN RESERVOIR COOKING-STOVES.

Specification forming part of Letters Patent No. **148,836**, dated March 24, 1874; application filed June 16, 1873.

To all whom it may concern:

Be it known that I, WILLIAM H. H. LARDUSKEY, of the city and county of Baltimore, in the State of Maryland, have invented a new and useful Improvement in Portable Cooking-Stoves; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the said improvement, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1 is a side view of the said improvement; Fig. 2, a back view thereof; Fig. 3, a section of the same, taken on the line *x x*, Fig. 2; and Fig. 4, a bottom view of the top plate of the oven and hot-water reservoir attached thereto.

The same parts are denoted by the same letters in all the figures.

This invention consists in the application to a portable cooking-stove of a water-bottom, interposed between the fire-pot and the oven, the oven being placed over the fire.

A in the drawing represents the fire-pot of a portable cooking-stove, supported on feet B B, and provided with a grate and an ash-pan, C, all of the usual construction. D is the top plate of the stove, secured in the usual way to a flange on the fire-pot. On the plate D are cast the water-bottom E, the outer-side walls F F, and the outer back G, enclosing the oven H, which is secured to said plate by lugs and screw-rods, or other usual devices. I is the door of the oven. The cooking-holes in plate D are arranged in front and at the sides of said oven. The flues or spaces between the outer walls F F G and the corresponding sides

and back of the oven open into the fire-pot below, and into the top flue J above. The top of this flue is formed by the plate K, which rests on the walls F F G, and is attached thereto by the usual lugs, &c., and to which is fitted the pipe L, through which the products of combustion escape. The water-bottom E may be connected by a pipe, M, with any convenient supply of water. A pipe, O, provided with cock P, leads from E to the hot-water reservoir Q, which is attached to plate K, by a clamp, R, as shown in Fig. 4, or by any other convenient means. S is a pipe by which water is conveyed from the reservoir Q to a vessel, T, situated at a distance from the stove, as for supplying a quantity of warm water to a bath-room above, or for other domestic purposes.

By this improvement the oven in a portable cooking-stove is located so that its surface is most effectively exposed to the fire, and its bottom completely protected therefrom.

I am aware that water-chambers have heretofore been interposed between the sides of an oven and the fire-pot, and I make no claim to such construction; but

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

The combination, with a portable cooking-stove, of a water-bottom interposed between the oven and fire-pot of such stove, substantially as shown and described.

WILLIAM H. H. LARDUSKEY.

Witnesses:

C. A. WHEELER,
JOHN MATHEWS,
LEWIS H. BEAM.