

D. E. PARIS.  
COOKING-STOVE.

No. 191,706

Patented June 5, 1877.

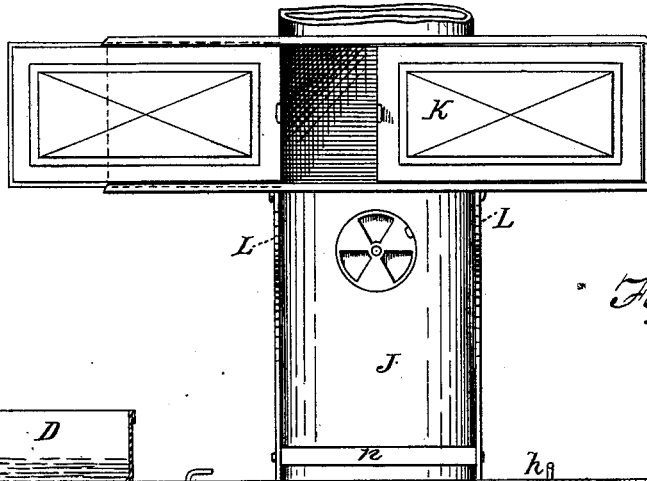


Fig. 1.

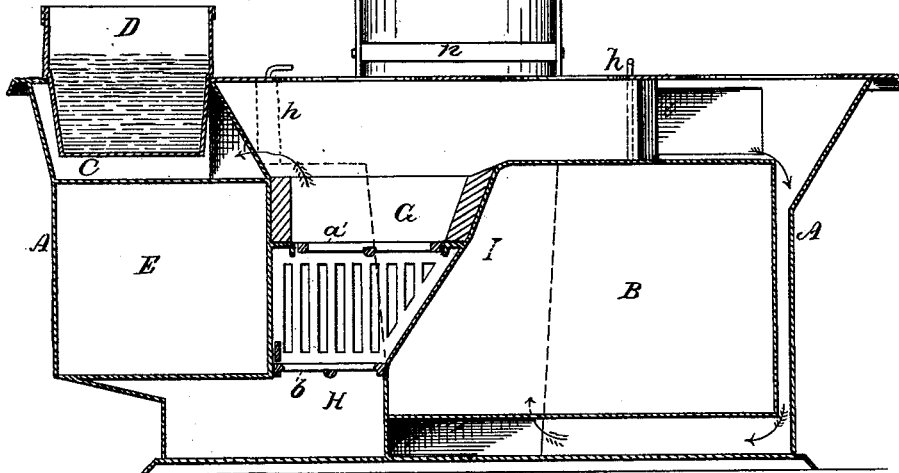
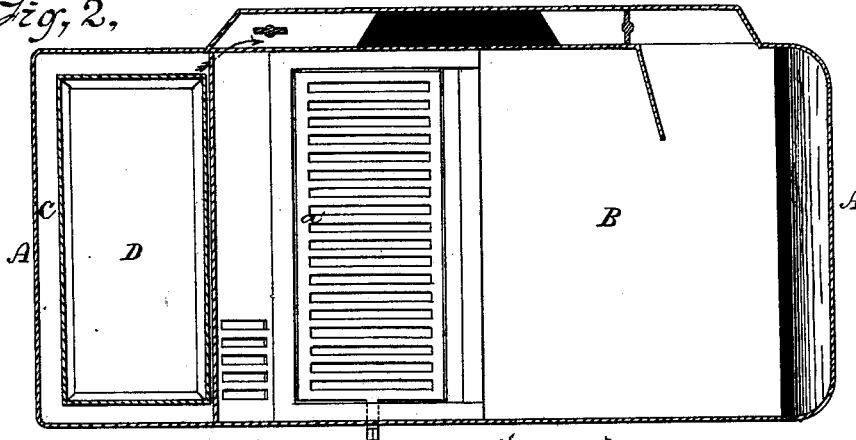


Fig. 2.



Witnesses:

*John Wagner*  
*John L. Boonby*

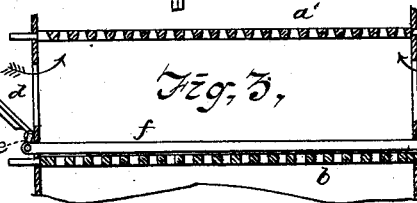


Fig. 3.

Inventor:

Daniel E. Paris

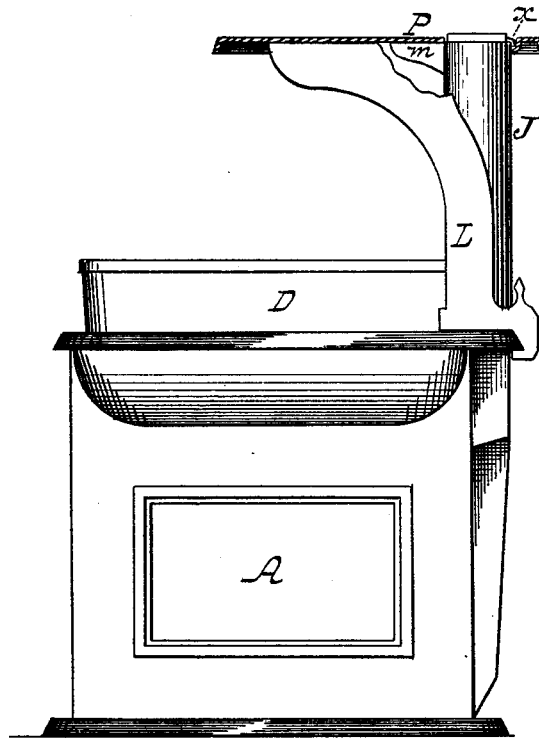
*James L. Norris*

D. E. PARIS.  
COOKING-STOVE.

No. 191,706.

Patented June 5, 1877.

*Fig. 4,*



*Witnesses:*

*J. West Wagner.*

*J. M. Knight, Jr.*

*Inventor:*

*Daniel E. Paris.*

*By James L. Norris.*  
*Attorney.*

# UNITED STATES PATENT OFFICE.

DANIEL E. PARIS, OF WEST TROY, NEW YORK.

## IMPROVEMENT IN COOKING-STOVES.

Specification forming part of Letters Patent No. **191,706**, dated June 5, 1877; application filed May 28, 1877.

*To all whom it may concern:*

Be it known that I, DANIEL E. PARIS, of West Troy, in the county of Rensselaer and State of New York, have invented certain new and useful Improvements in Cooking-Stoves, of which the following is a specification:

This invention relates to certain improvements in cooking stoves and ranges; and consists, first, in the combination, with the stove or range, of a hot-water reservoir, surrounded by a casing, below which is located a hot-closet, the casing communicating with the fire-chamber and rear flue of the stove for the purpose of conducting the hot products of combustion under and around the reservoir and over the hot-closet, whereby the same are simultaneously heated; second, in the combination, with the hot-closet and fire-box, of an ash-pit below, extending under the hot-closet, for the purpose of heating the lower part of the same without heating the reservoir; third, in the combination, in a stove or range, of the reservoir and its casing, the hot-closet, and ash-pit, when arranged at one end of a stove or range, whereby the lower and upper part of said closet, together with the reservoir, are heated; fourth, in the combination, with the fire-box, of two draft-openings, arranged one in front and one in rear of the stove, and provided with doors connected together by means of a rod, so as to be operated together, and admit the air simultaneously at both ends of the fire-box, whereby the draft is more uniformly supplied to the fire, and the combustion rendered more perfect and regular; fifth, in the combination, with the stove-pipe, of a heating-closet and brackets for supporting the same, the stove-pipe being provided with a lug and catch for securing the shelf to the same, as more fully hereinafter set forth.

In the accompanying drawing, Figure 1 represents a longitudinal vertical section of my improved stove; Fig. 2, a longitudinal horizontal section; Fig. 3, a detached view, showing a section through the fire-chamber; and Fig. 4 represents a side elevation of my improved stove, showing the hot-closet attached to the stove-pipe.

A represents the shell of the stove, having

the usual baking-oven B at one end, and at the other end is formed the case C, for the reception of the reservoir D. Below the reservoir-case C is a warming oven or closet, E, as shown. Between the two ovens B and E is the fire-chamber G, extending from front to rear across the stove, and below the same is the ash-pit H, extending also under a part of the warming-oven E.

The fire-chamber G is provided with an upper grate, *a'*, and a lower grate, *b*, and between the two, both in the front and rear, are draft-openings, which are provided with doors *d d*, hinged at their lower edges, as shown. The hinges of these doors are provided with cranks *e e*, which are connected by means of rod *f*, passing through the stove, so that by moving the front draft-door the rear door will be moved to correspond, and thus the draft be easily regulated simultaneously from both front and rear.

The products of combustion may be made to pass either over the oven B or into the reservoir-case C, or both, and from thence into the back flue L, and when the communication between the reservoir-casing and the back flue is closed the hot-closet E will be heated independently of the reservoir by means of the ash-pit below. Near the entrances in this flue are dampers *h h*, for regulating and directing the passage of the products of combustion, and from said flue they pass in the usual manner under the oven B and back up through the pipe J. On the back of the pipe J, near its top, is a catch, *x*, under which is hooked the warming-closet K, said closet being supported by two side brackets, L L, and by a lug, *m*, cast on the front of the pipe, or by either. The brackets L are hooked over the back edge of the stove, and connected in front of the pipe by a strap, *n*.

The pipe J, with its catch and lug, may be used with or without the brackets, and the best way is to use the pipe alone when nothing but the shelf is required; but when the hot-closet is to be supported, then the brackets may be used for greater safety.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In combination with the reservoir, the hot-closet, and the reservoir-case communicating with the fire-chamber and the rear flue, for the purpose of conducting the products of combustion under and around the reservoir and over the hot-closet, whereby the same are simultaneously heated.

2. In combination with the hot-closet, the fire-box and ash-pit below the latter, extending under said hot-closet, for the purpose of heating the lower part of the same without heating the reservoir.

3. The combination of the reservoir, its case, hot-closet, and ash-pit, arranged at one end of the stove or range, for the purpose of heating the said closet above and below, and at the same time heating the reservoir.

4. The draft-openings, arranged one in front

and one in the rear of the stove, and provided with doors connected by means of a rod, substantially as described, so as to be operated together, and admit the air simultaneously at both ends of the fire-box, whereby the draft is uniformly supplied to the fire, and the combustion rendered more perfect.

5. The pipe J, provided with the catch *x* and lug *m*, in combination with a closet or shelf and the brackets L L, whereby the closet or shelf is securely supported and heated.

In testimony that I claim the foregoing I have hereunto set my hand in the presence of the subscribing witnesses.

DANL. E. PARIS.

Witnesses:

GEO. M. POWERS,  
THOMAS CALDWELL.