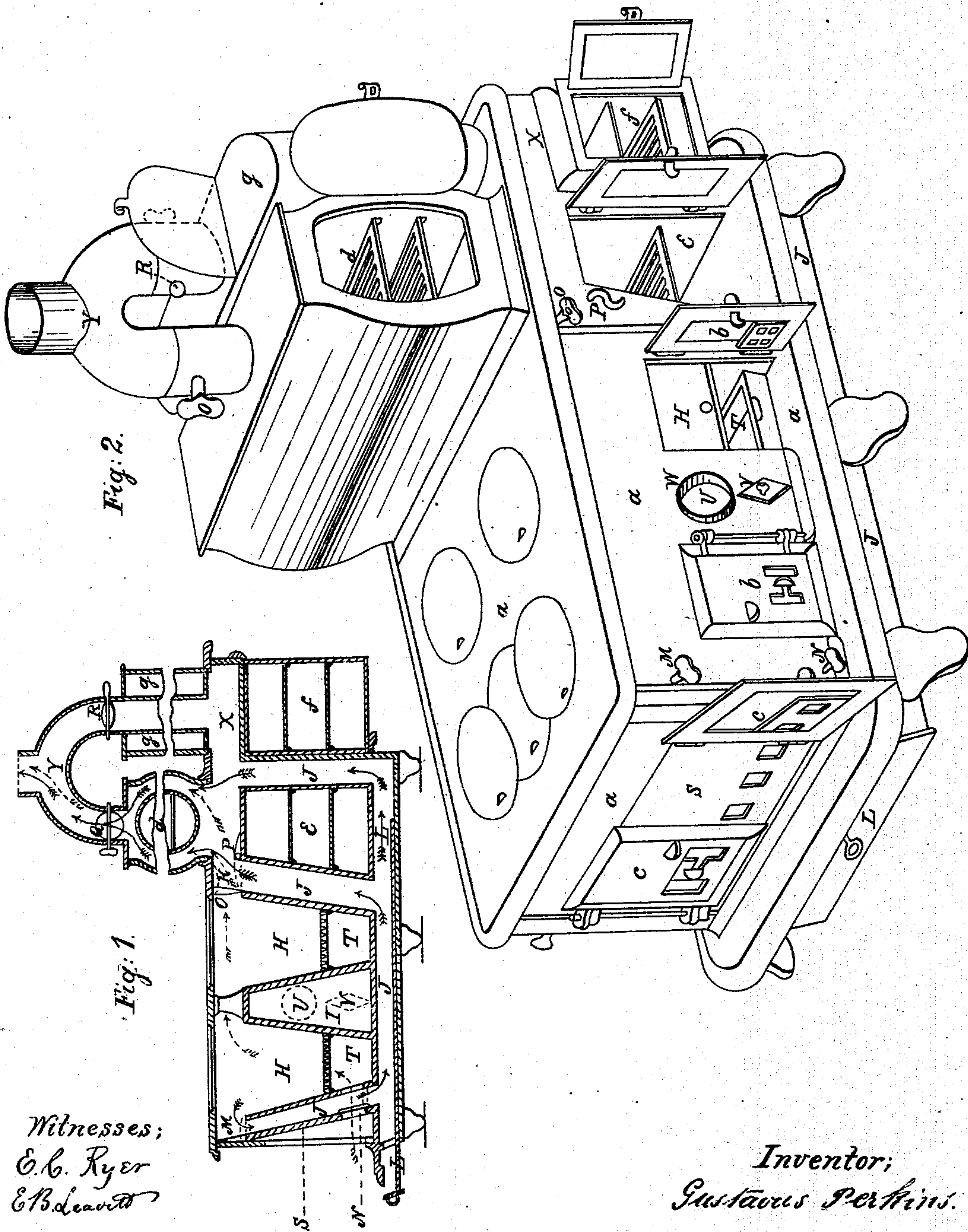


G. PERKINS.  
Cooking Stove.

No. 68,898.

Patented Sept. 17, 1867.



Witnesses;  
E. C. Ryer  
E. B. Leavitt

Inventor;  
Gustavus Perkins.



# United States Patent Office.

GUSTAVUS PERKINS, OF BURLINGTON, VERMONT.

*Letters Patent No. 68,898, dated September 17, 1867.*

## IMPROVEMENT IN 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, GUSTAVUS PERKINS, of the city of Burlington, in the county of Chittenden, and State of Vermont, have invented a new and improved Heating and Cooking-Stove; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in constructing a stove with two fire-pots, two cooking and one warming-oven, one of which cooking-ovens is elevated, an elevated boiler, a hot-air chamber, a diving-flue, in connection with the elevated oven and boiler; also a portable soot-pan or flue-cleaner.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I construct my outside case *a* of cast or other metal, (in any of the known modes,) and attach or hang thereto the side-draught and cleaning-doors *b b*, and front-draught and cleaning-doors *c c*; the ovens *d*, *E*, and *f*, also boiler *g*, all secured and fastened in the usual manner. The inside I construct with two fire-pots *H H*, hot-air chamber *I*, diving-flue *J*, direct flue *K*, portable soot-pan or flue-cleaner *L*, and the dampers *M*, *N*, *O*, *P*, *Q*, and *R*; also the damper-plate *S*, ash-pits *T T*, hot-air aperture *U*, and register *V*; the fire-pots to be used together or separately, as likewise the ovens and boiler. The hot-air chamber *I* is to be formed by the bevel of the two fire-pots *H H*, or otherwise, and for the purpose of heating a separate apartment by means of a pipe attached to the rim *W*, (perspective,) or to heat the apartment the stove is in by means of the diamond register *V*. I also construct my stove without the extension *X*, boiler *g*, and warming-oven *f*, making the stove much smaller and less expensive.

Figure 1 is a vertical longitudinal section in which the direct-draught dampers are shown as being closed, causing the draught to pass down the diving-flue *J*, back and around the low oven *E*, up and around the elevated oven *d*, and out through the yoke pipe *Y*. The direction of this draught is shown by the red arrows. The direct draught is shown by the dotted dampers and arrows in black. I also construct my stove or range with only one fire-pot in connection with the elevated oven, boiler, and diving-flue, all as substantially described in the foregoing specification and for the purposes as set forth.

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

1. The elevated oven *d* and boiler *g*, when arranged as described, in combination with yoke *Y*, substantially as set forth.
2. The hot-air chamber *I*, formed by the bevel of the two fire-pots *H H*, register *V*, and aperture *W*, substantially as and for the purpose set forth.
3. The supplementary pan *L* for cleaning the flues of a cooking-stove, substantially as shown and described.
4. A cooking-stove consisting of fire-pots *H H*, ovens *E*, *f*, and *d*, boiler *g* connected with *d* by yoke *Y*, flue *J*, dampers *M*, *N*, *O*, *P*, *Q*, *R*, all arranged and combined as herein set forth and described.

GUSTAVUS PERKINS.

Witnesses:

E. C. RYER,

E. B. LEAVITT.