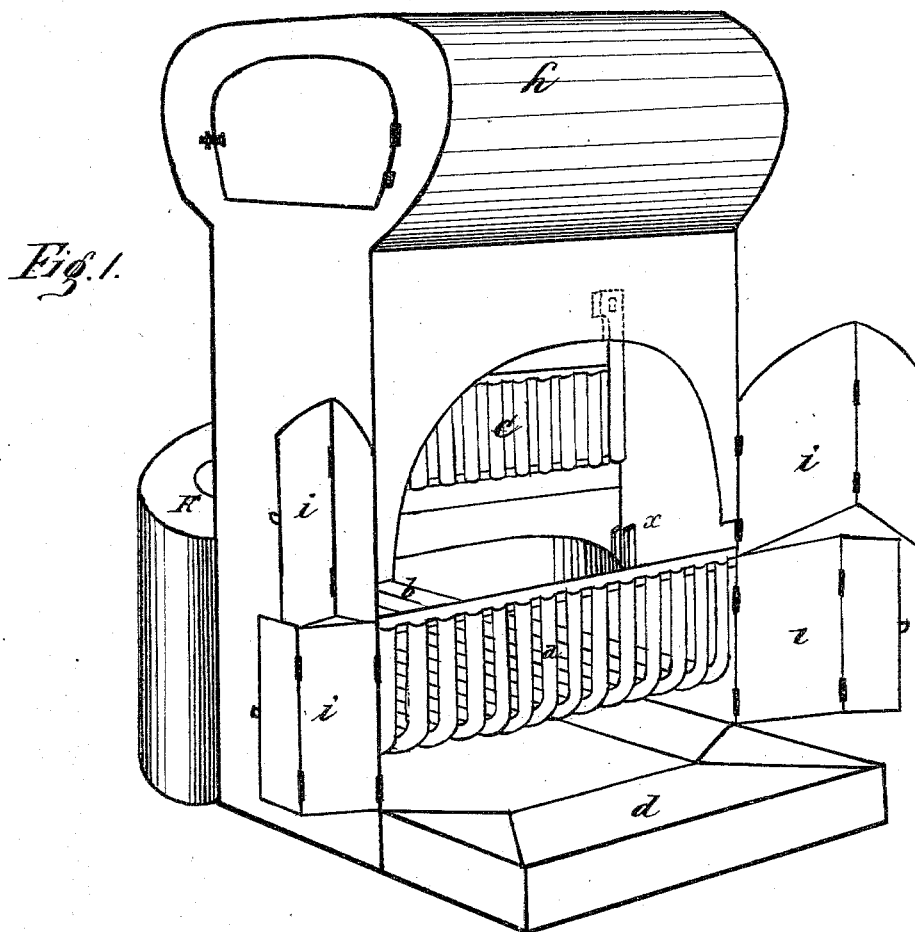


NANCY DUNCAN.

Improvement in Cooking-Stoves.

No. 115,831.

Patented June 13, 1871.



witness: M. A. Dawson.

witness: O. L. Taylor W.

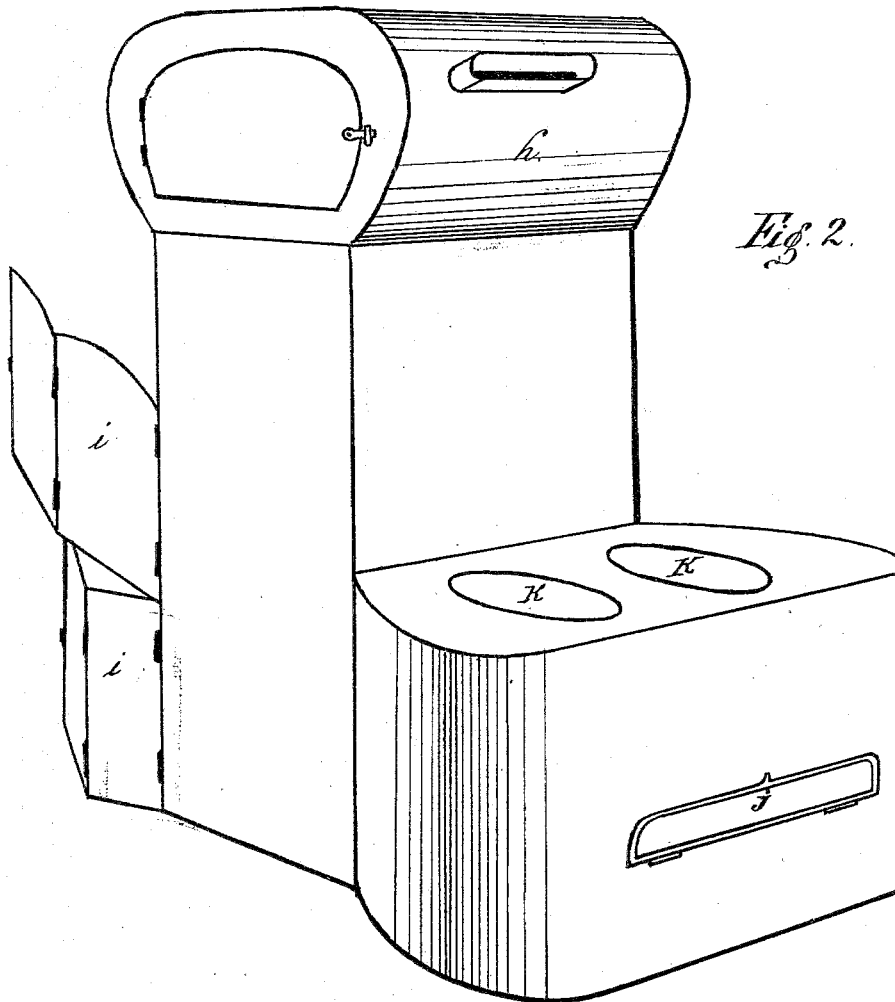
Nancy Duncan.

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*Fig. 2.*

witness: M A Dawson

witness: C. W. Taylor, Jr.

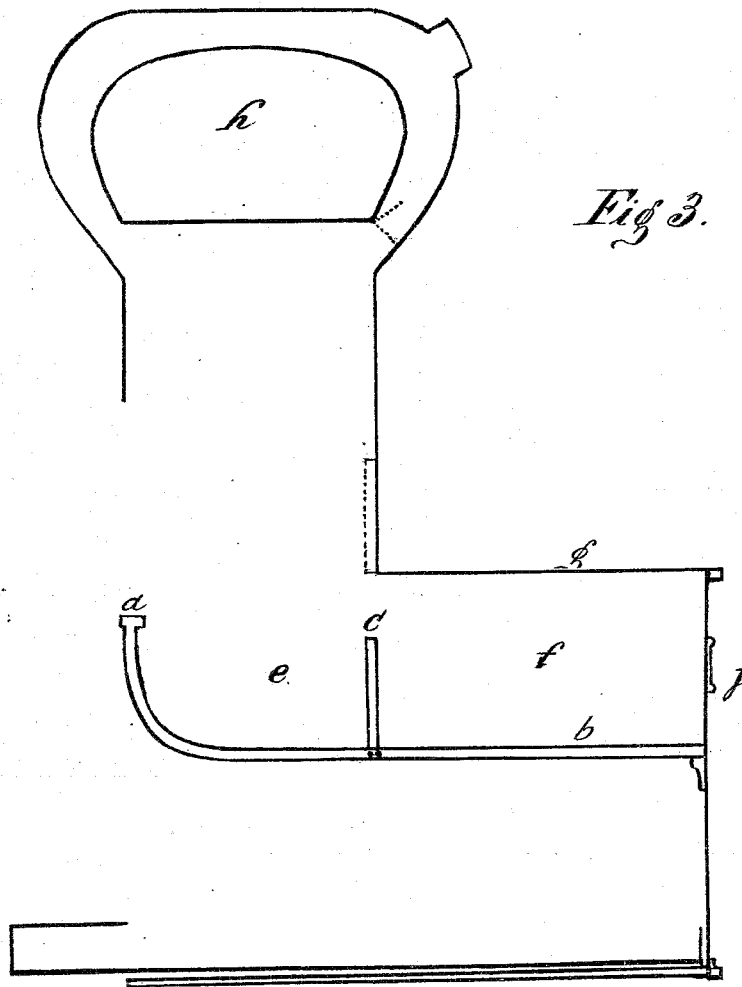
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*Fig 3.*

witness: W. A. Dawson,

witness: C. L. Saylor.

Nancy Duncan,

# UNITED STATES PATENT OFFICE.

NANCY DUNCAN, OF BEAVER FALLS, PENNSYLVANIA.

## IMPROVEMENT IN COOKING-STOVES.

Specification forming part of Letters Patent No. 115,831, dated June 13, 1871.

I, NANCY DUNCAN, of Beaver Falls, Beaver county, Pennsylvania, have invented certain Improvements in Stoves, of which the following is a specification:

### *Nature and Object of the Invention.*

The purpose of my invention is to combine in one article an open-fire heating-stove and a cook-stove in such a manner that its characteristic functions may be employed separately or together. My invention consists in combining with the grate of an open-front heating-stove a supplemental grate and fire-chamber immediately in the rear of the heating-grate, and in the use of a movable division-plate or grating, which, when in place, will separate the front and rear grate and confine the fuel to one or other of them.

My accompanying drawing fully illustrates the principle of my invention, which is susceptible of many obvious adaptations and many modifications that will readily suggest themselves to those familiar with the manufacture of the class of stoves to which my invention is germane.

### *Description.*

Figure 1 is a perspective view of a compound stove embodying my invention, as seen from the front or open-fire side. Fig. 2 is a perspective view of the same as seen from the rear or cook-stove side. Fig. 3 is a vertical section through both parts of my stove.

Like letters refer to the same parts in the drawing.

*a* is the front grate. *b* is the rear grate. *c* is the division grate. *d* is an ash-pan and fender. *e* is the front fire-chamber. *f* is the rear

fire-chamber. *g* is the top of the cook-stove. *h* is a baking-oven on the top of the heating-stove. *iii* are doors to close tightly the front fire-place when required. *j* is a door in the rear chamber, to supply air or fuel when the front is closed and it is desired to use only the rear or cook-stove fire. *k* are the usual pot-holes.

Constructed thus, my improved stove may be used either as an open-fire heating-stove, or as a cook-stove, or as both at once, and fire may be maintained singly in either fire-chamber or both.

When it is intended to use both functions of the stove the division grating *c* is removed and may be suspended out of the way against the back wall on suitable hooks, as shown in Fig. 1; or it may be entirely removed from the stove for the time being. When it is intended to use either fire-chamber separately the division grate *c* is placed in the position shown in Fig. 3, and may be held in its vertical position by suitable lugs on the sides of the stoves, as shown at *x*. The dotted lines in Fig. 3 show the position of *c* when hung against the back wall out of use.

Having thus fully described all the elements of my invention so that any one conversant with the business of making stoves can fully understand it, I desire to claim as my invention—

In combination with a grate constructed substantially as set forth, the division plate or grate *c*, arranged and operated as described.

NANCY DUNCAN.

Witnesses:

M. A. DAWSON,  
C. W. TAYLOR.