

G. MAYER.
Cooking Stove.

No. 91,357.

Patented June 15, 1869.

Fig. 1.

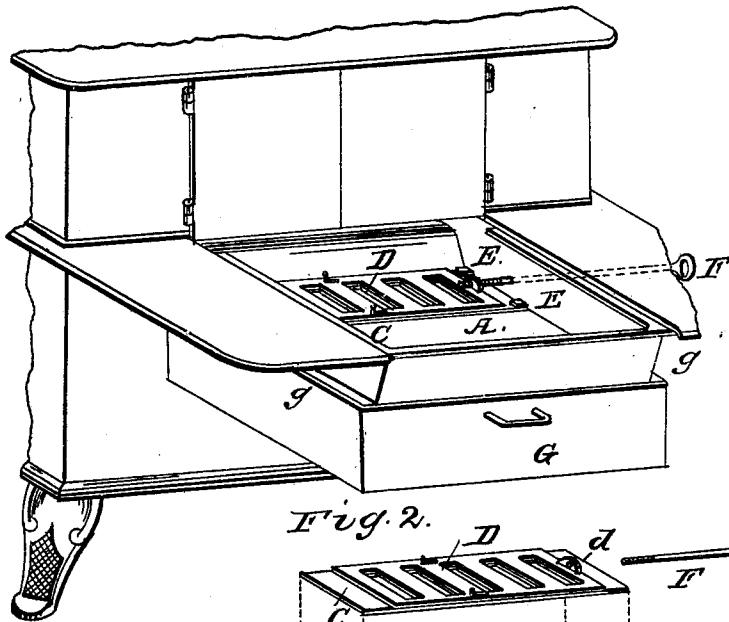


Fig. 2.

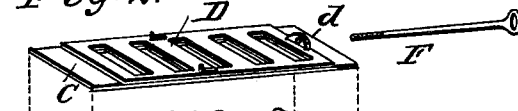


Fig. 3.

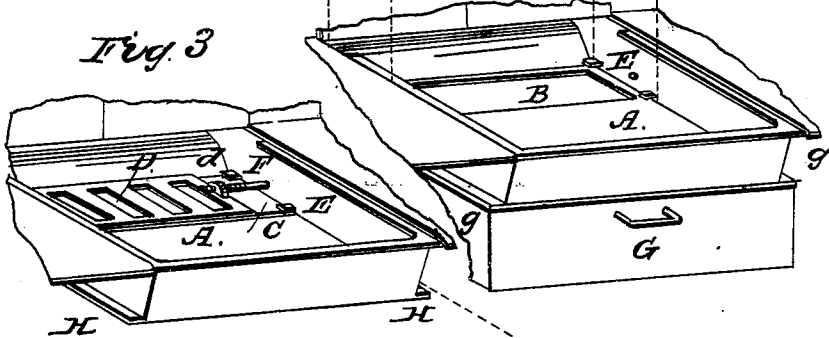
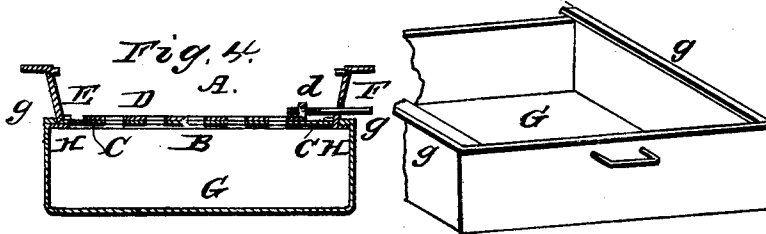


Fig. 4.



WITNESSES

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INVENTOR

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GEORGE MAYER, OF CINCINNATI, OHIO.

Letters Patent No. 91,357, dated June 15, 1869.

COOKING-STOVE.

The Schedule referred to in these Letters Patent and making part of the same.

To whom it may concern:

Be it known that I, GEORGE MAYER, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Improvement in Cook-Stoves; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing, making part of this specification.

This is an improvement in the ash-receptacle of cook-stoves, whereby are combined the advantages of ready and cleanly removal of ashes, separation of dust and ashes from the unconsumed embers, &c.

Figure 1 is a perspective view of the front part of a stove, embodying my improvement, the sifter being open.

Figure 2 is a perspective view of a portion of the stove, the sifter being detached.

Figure 3 is a similar view, with the sifter in place and closed, and the ash-pan removed.

Figure 4 is a transverse section of the ash-pit, sifter, and ash-pan, in position.

The ash-pit A has, at that part of it nearest to the fire-place, an aperture, B, which is closable by a sifter, consisting of two similar gratings, C D, of which one, C, is secured at rest by engaging under lugs, E and the upper one, D, has a lug, d, which is screw-threaded, to receive a correspondingly screw-threaded rod, F, by means of which it is capable of being moved over the

lower grating, so as to open or close at will the interstices thereof; or by unscrewing the rod F, both gratings are liberated for removal, (as in fig. 2,) in case it is desired to empty the entire bulk of ashes into the ash-pan.

The ash-pan G has in-turned flanges or rims, g, which slide over the out-turned flanges H, on the bottom plate of the ash-pit.

When it is desired to separate the cinders or embers from the dust and ashes, the upper grate is reciprocated over the lower one, so as to precipitate the ashes, &c., into the pan; after which the interstices of the grating may be closed, and the ash-pan removed.

I claim herein as new, and of my invention—

The combination with the ash-pit A, having an aperture, B, lugs E, and flanges H H, arranged substantially as herein described, of the gratings C D, removable handle F, and the removable ash-pan G, constructed, arranged, and employed substantially as and for the purposes set forth.

In testimony of which invention, I hereunto set my hand.

GEORGE MAYER.

Witnesses:

GEO. H. KNIGHT,
JAS. H. LAYMAN.