

T. R. TIMBY.
Cooking-Stoves.

No. 153,691.

Patented Aug. 4, 1874.

FIG. 1.

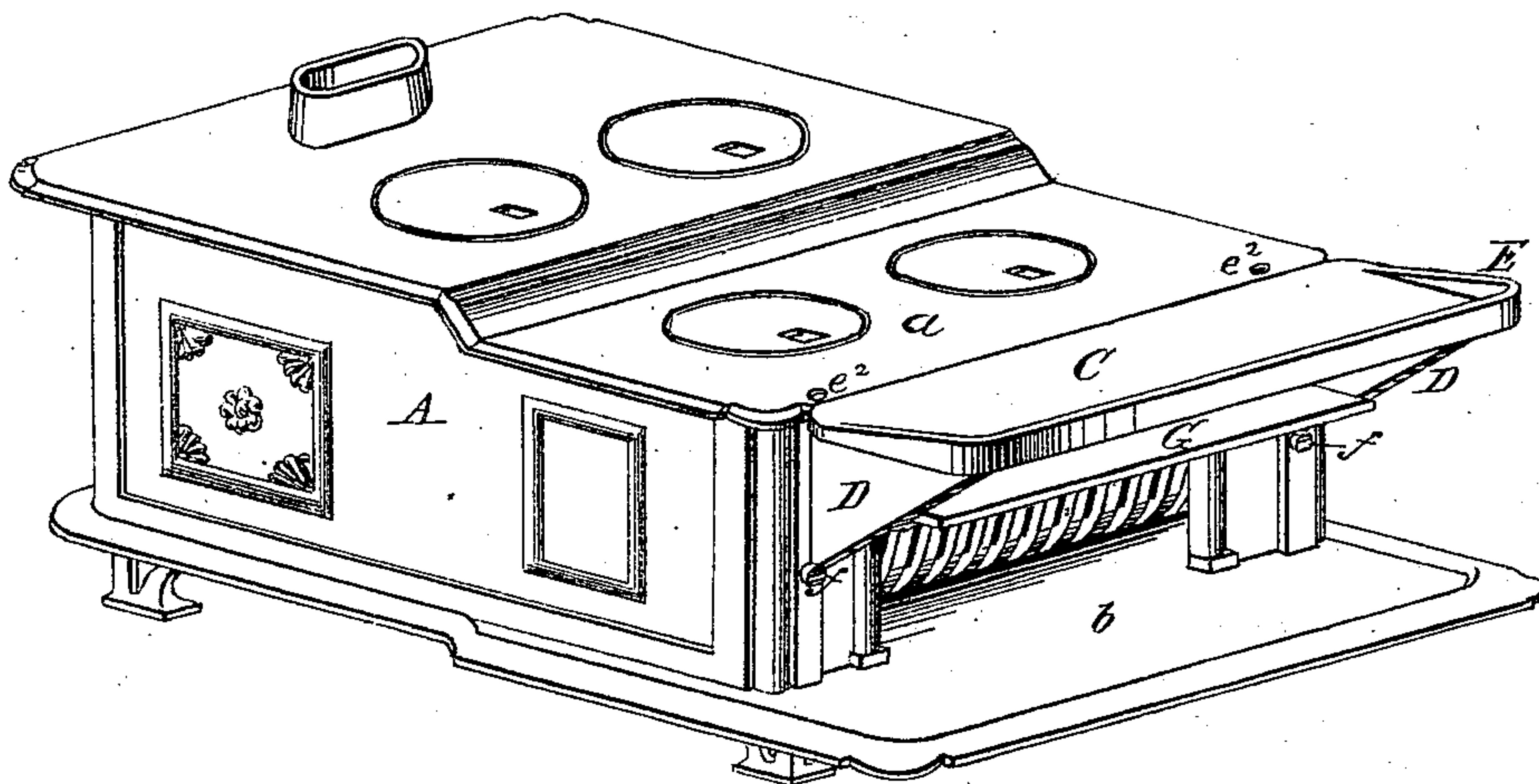
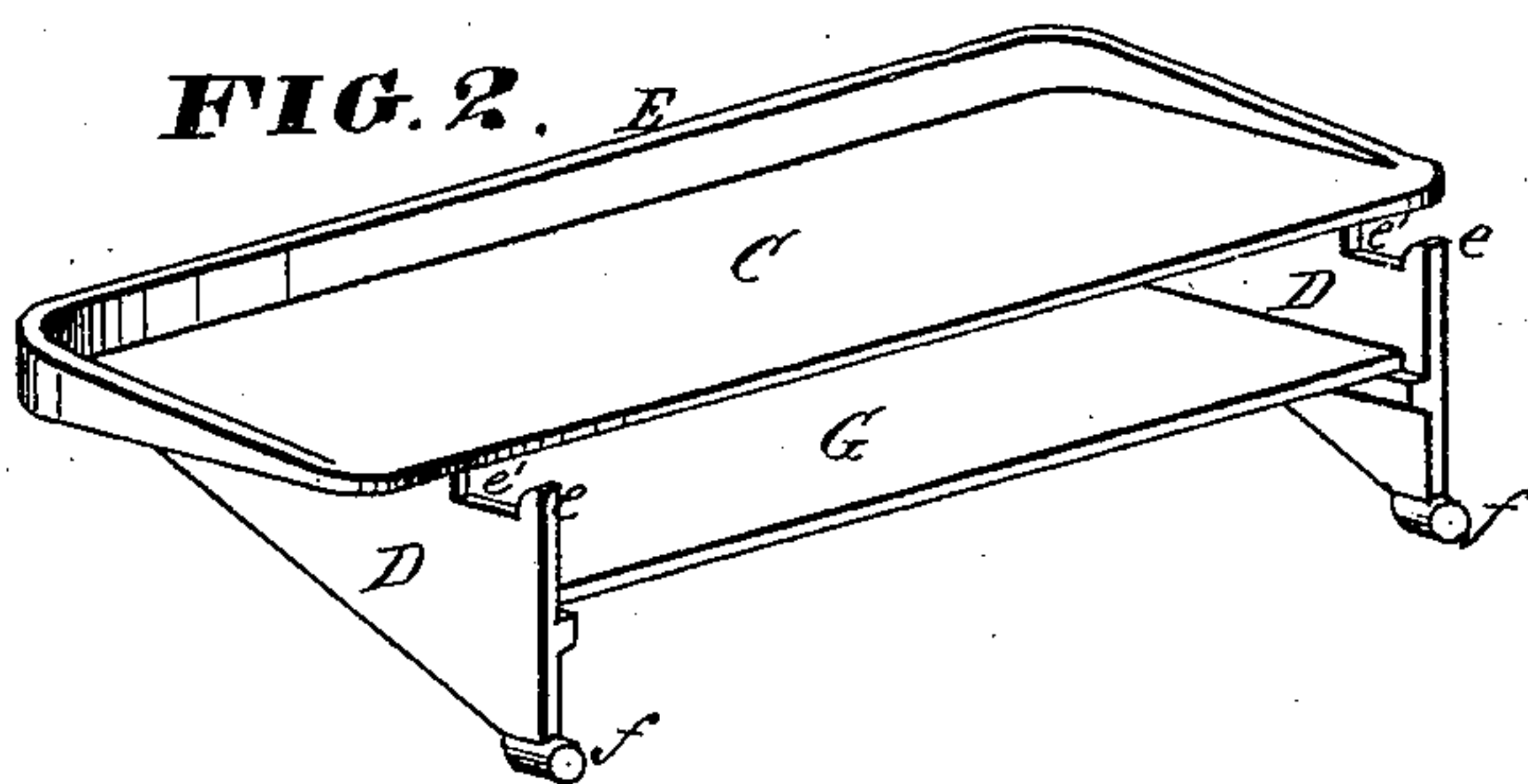


FIG. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

THEODORE R. TIMBY, OF TARRYTOWN, NEW YORK.

IMPROVEMENT IN COOKING-STOVES.

Specification forming part of Letters Patent No. **153,691**, dated August 4, 1874; application filed March 6, 1873.

To all whom it may concern:

Be it known that I, THEODORE R. TIMBY, of Tarrytown, in the county of Westchester and State of New York, have invented an Improvement in Cooking-Stoves, of which the following is a specification:

My invention consists in constructing a cooking-stove with an extension projecting forward from the top plate, so as to enlarge the area of the stove-top, and at the same time afford convenient space for removing cooking-vessels off the hottest part of the stove, without occupying any greater area in the room.

The extension-plate is attached by brackets and lugs, as hereinafter described, which adapt it to support any necessary weight, and to be applied and removed with great facility.

In the accompanying drawings, Figure 1 is a perspective view of a cooking-stove, with my invention applied in the form of a removable attachment. Fig. 2 is a rear perspective view of the extension detached.

A represents a cooking-stove of any ordinary or suitable construction, *a* being the top plate thereof, and *b* the customary hearth-plate. C represents the forward extension of the top plate, which constitutes my improvement. This may consist of a permanent part of the stove; but I prefer to construct it substantially as shown in Fig. 2, so as to be detachable when desired. The plate C is flush with the stove-top *a*, and is supported by brackets D, which, as well as the rim-flange E, may be cast in one piece with the said plate C. The inner vertical edges of the brackets D are provided at top with upwardly-projecting lugs or tenons *e*, and at bottom with horizontally-projecting lugs or tenons *f*. The lugs *e* are produced by the formation of recesses *e*¹, and are adapted

to project upward into apertures *e*², formed for them in the stove-top. The lugs *f* fit in suitable holes in the stove-front, so as to afford vertical support. By lifting on the front of the plate C, the lugs *f* are withdrawn from their seats, and the hook-formed lugs *e* may then be readily withdrawn from theirs, and the entire attachment removed. To replace it, the lugs *e* are first hooked in the holes *e*², and the lugs *f* then inserted in their seats, when the entire extension-plate is firmly supported and prepared to bear any necessary burden.

I am aware that shelves have before been applied to stoves in various ways; but my device is advantageous in providing an extension-plate which may be applied and removed with great facility, the fastening being locked by the weight of the plate, and capable of supporting any necessary weight, and at the same time being free from all liability to become inseparably locked together.

In either case it will be seen to afford a valuable addition to the capacity of the stove, without occupying any additional floor area.

G is an additional shelf placed beneath the plate C, and useful for warming dishes, or keeping warm any cooked articles of food.

The following is claimed as new:

1. The detachable extension-plate C supported on a level with the stove-top *a* by means of brackets D, lugs *f*, and hook *e*, and extending over the hearth *b*, to avoid increasing the horizontal area of the stove, all as described.

2. The detachable extension-plate C, constructed and applied in manner substantially as herein shown and described.

THEODORE R. TIMBY.

Witnesses:

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