

(No Model.)

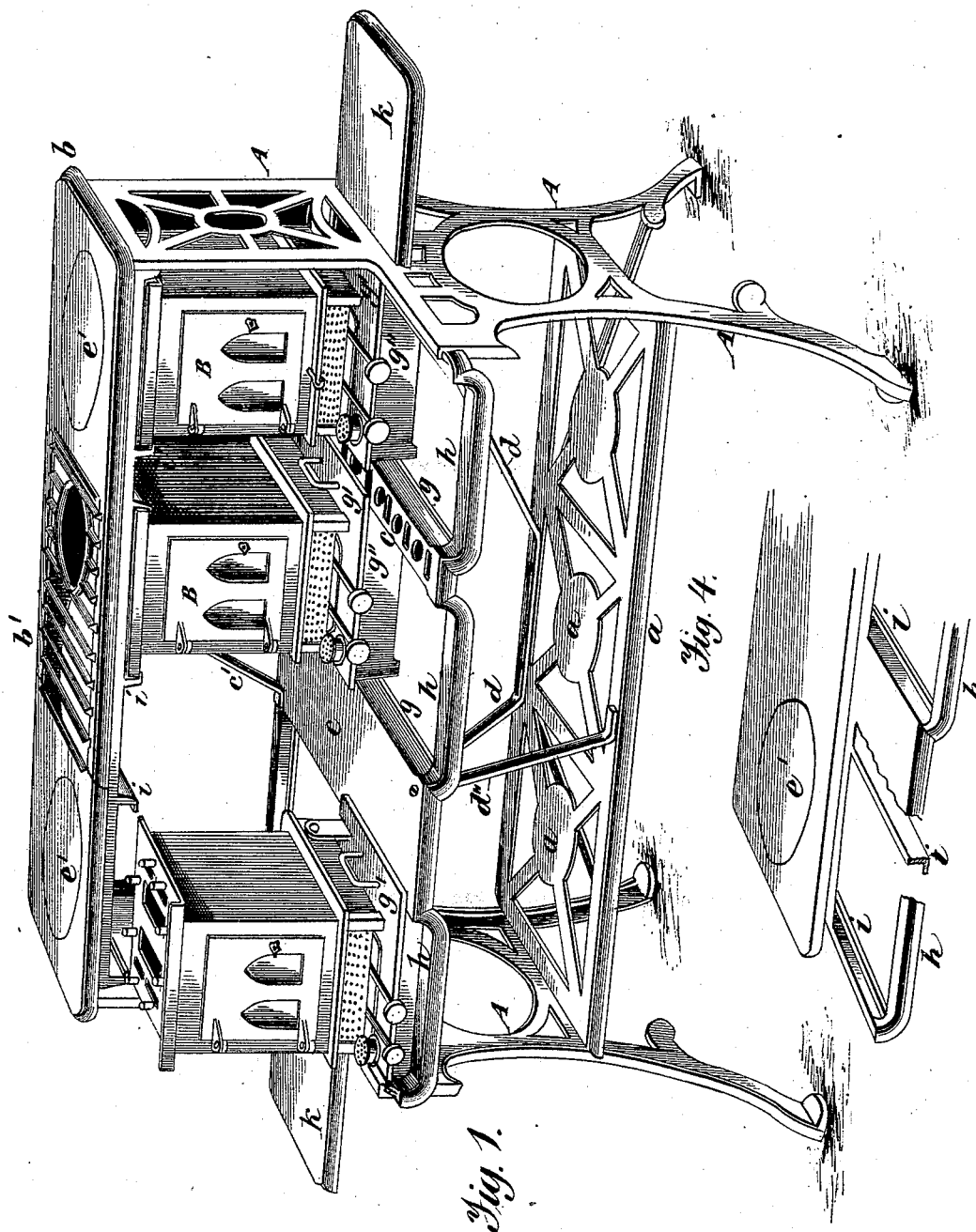
2 Sheets—Sheet 1.

M. C. ARMOUR.

OIL OR GAS STOVE.

No. 305,267.

Patented Sept. 16, 1884.



Witnesses.
A. Rupprecht.
C. Bruce

Inventor:
Michael C. Armour,
by *Wm. J. Howard*
att'y

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2 Sheets—Sheet 2.

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Fig. 2.

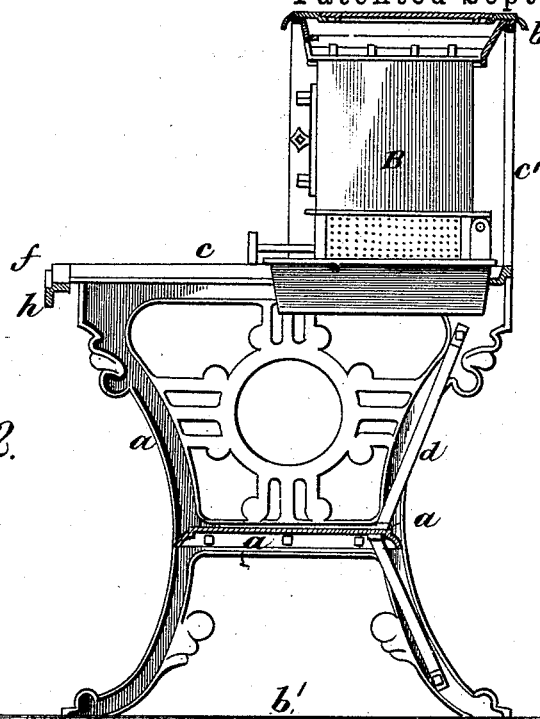
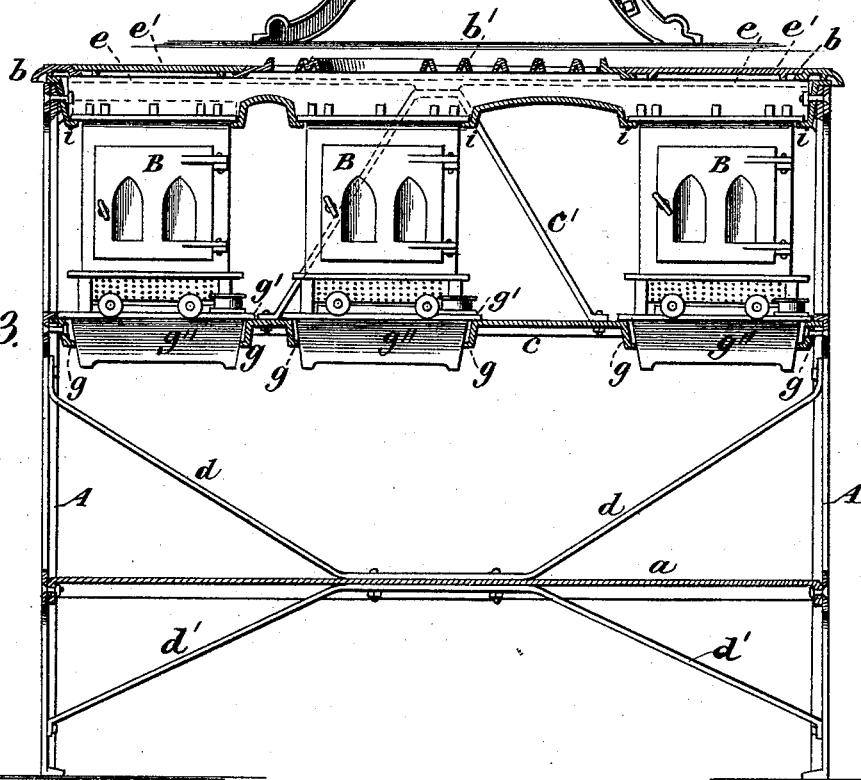


Fig. 3.



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UNITED STATES PATENT OFFICE.

MICHAEL C. ARMOUR, OF CHICAGO, ILLINOIS.

OIL OR GAS STOVE.

SPECIFICATION forming part of Letters Patent No. 305,267, dated September 16, 1884.

Application filed July 7, 1874. (No model.)

To all whom it may concern:

Be it known that I, MICHAEL C. ARMOUR, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful
5 Improvements in Oil-Stoves, also Applicable to Gas-Stoves, of which the following is a specification.

This invention relates to an improved mode of constructing the frame of the stove, whereby
10 the movable lamps may be withdrawn from the position which they occupy for heating or cooking, in connection with the stove proper, to a locality beyond and away from said position, where they may still remain connected with
15 their supports, and, if desired, used for heating or cooking independently of the stove, or be lifted off, and thus entirely detached from the frame.

In a patent granted to me of even date herewith I have described and claimed a frame combined with lamps supported in sliding ways
20 resting in the frame, said ways being adapted to receive the lamps and support them in position when drawn out, a portion of the length of said ways being at all times connected with
25 and sustained by the frame.

My present invention is designed to dispense with the sliding ways described in my said patent by the employment of a frame which in
30 itself is projected forward so as to form ways upon which the lamps may be moved out and supported.

In the accompanying drawings, Figure 1 is a perspective view of a stove or range constructed in accordance with my invention, one of the
35 lamps being shown withdrawn. Fig. 2 is a vertical transverse section. Fig. 3 is a vertical longitudinal section. Fig. 4 shows a modification hereinafter described.

Similar letters of reference indicate similar parts in the respective figures.

A A are the end castings, which are held together by the shelf *a*, the top casting, *b*, and the central casting, *c*, which latter forms the projected ways upon which the lamps slide, and
45 are supported in their outward position. The casting *c* and top *b* are tied together by a brace, *c'*, the end castings, A, and shelf *a'* being held together and strengthened by brace *d d'*. The top casting, *b'*, is provided with the ordinary
50 openings, *e*, for the lids *e'*. The central por-

tion of the casting *b* is grated or ribbed, as shown at *b'*, or otherwise constructed to receive heating or cooking vessels. The casting *c* projects outward beyond the top casting, *b*, to the
55 point *f*. The casting *c* is provided with ways *g*, upon which the flanges *g'* of the oil-pots of the lamps B rest. The lamps are of the usual construction, as shown in several of my patents. When the lamps are in use in connection with
60 the stove proper, (which may be said to be confined within the area of the top plate, *b*,) the lamps are in the position shown by the two lamps at the right-hand side of Fig. 1, and as represented also in Fig. 2. When so located
65 each of the lamps is situated directly under the top plate, *b*, and the heat from the lamps passes directly under said plate to act upon cooking-vessels placed thereon.

I do not limit myself to any particular construction of stove or lamp, as this invention
70 may be used with stoves of a variety of forms, or with lamps of any construction, provided they are adapted to be slid along the ways provided for them and to be used as independent
75 heaters. The lamp at the left of Fig. 1 is shown in its forward position, it being drawn out until the front portion of the oil-pot *g'* strikes the bar *h*, forming a part of the casting *c*. The forward movement of the lamp may be checked
80 or stopped in any other suitable manner. When drawn out in the position shown at the left of Fig. 1, the lamp may be used as an independent heater—that is to say, cooking or heating
85 vessels may be placed upon the top of the lamp. The top or upper portion of the lamp slides in guides *i*, formed on the under side of the top plate, *b*. The guides *i* are not, however, necessary to the invention, and may be
90 dispensed with.

As a modification of my invention, the guides *i* or their equivalent might be extended forward and serve to support the lamp in its outward position, in which case the lower supports or ways would not be required. Such
95 a modification is shown in Fig. 4.

By my invention the lamp may be readily drawn out and supported for purposes of trimming the wick, or to be used as an independent heater. The lamp may also, if desired, be
100 readily lifted off entirely from the frame. It may, when lifted off, be placed upon the shelf

k. The shelf k is detachably connected to the end casting, A.

It will be seen from the foregoing that the main object of my invention, regardless of the construction of the stove, is to adapt the lamp or lamps to be slid from under the top plate of the stove or beyond the area occupied by the stove proper, and supported when slid out.

Having described my invention, I claim—

10 1. In an oil or gas stove, a frame and a support connected therewith projecting beyond the front of the stove proper, combined with a lamp or lamps constituting an independent heater or heaters, adapted to slide upon said support and be sustained thereby beyond the front of the stove proper, substantially as set forth.

20 2. In an oil or gas stove, a plate or support for the lamp or lamps, projecting beyond the front of the stove proper, combined with a lamp or lamps constituting an independent

heater or heaters, resting upon or within said plate or support and adapted to be slid under the stove top or plate or entirely out from the stove proper and supported in front thereof, 25 substantially as set forth.

3. In an oil or gas stove, a frame having a portion thereof extended beyond the area of the stove proper, and provided with ways, combined with a lamp or lamps, said lamp or 30 lamps constituting an independent heater or heaters and resting upon said ways, whereby the lamp or lamps may be slid under the top of the stove or out beyond the area of the stove proper and supported, substantially as set 35 forth.

In testimony whereof I hereto set my hand and seal.

MICHAEL C. ARMOUR. [L. S.]

Witnesses:

E. G. INGERSOLL,
OSBORNE SAMPSON.