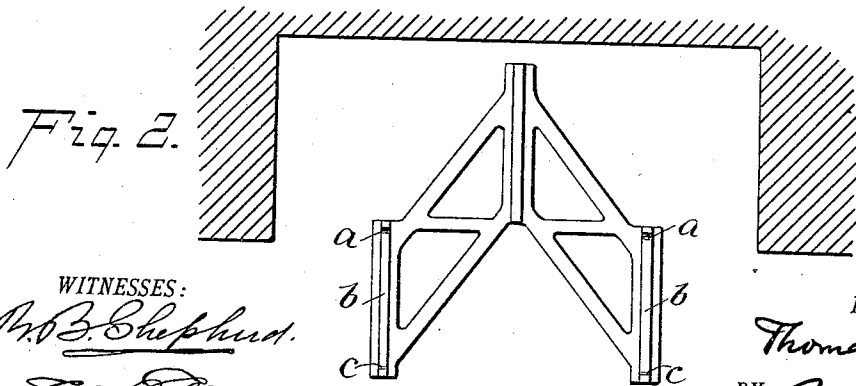
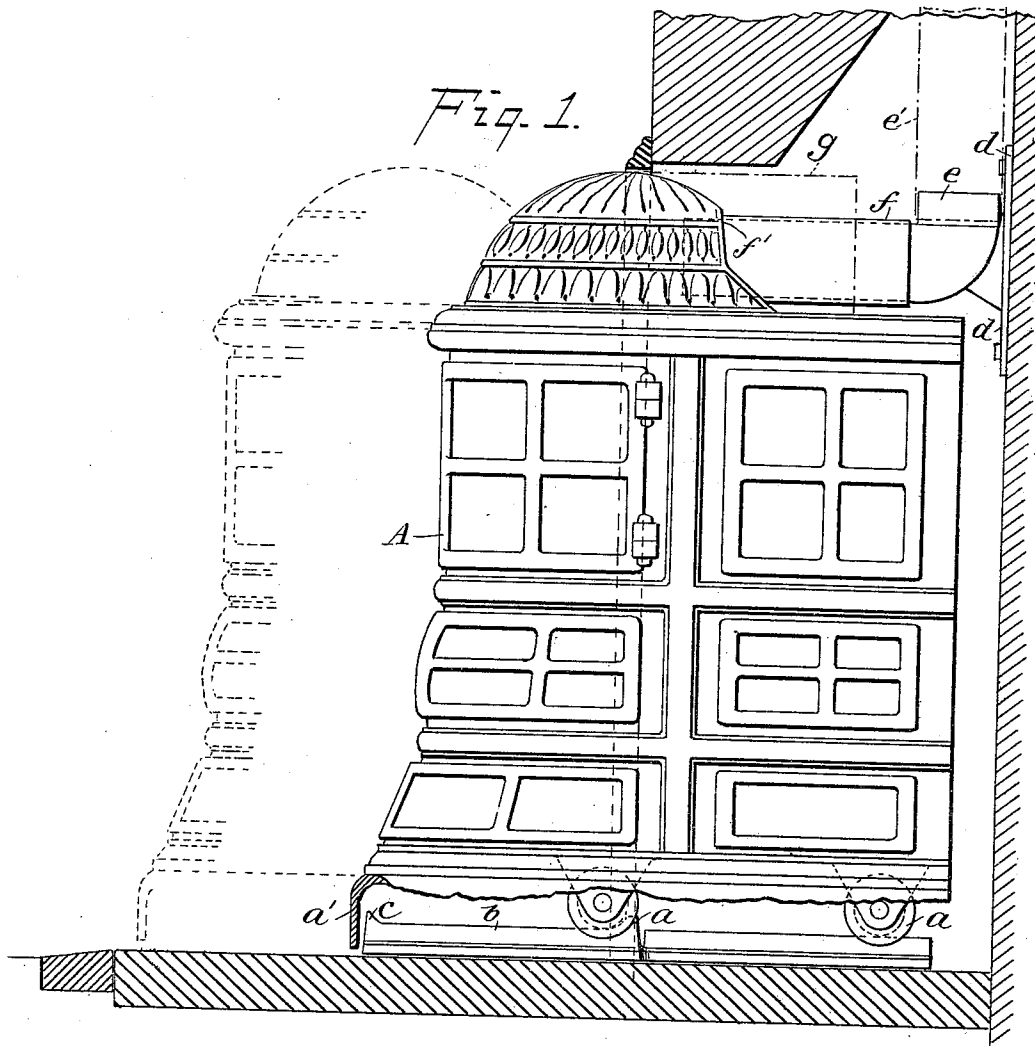


(No Model.)

T. AUSTIN.
STOVE OR FURNACE.

No. 520,978.

Patented June 5, 1894.



WITNESSES:

M. B. Shepherd.
Ed. C. Mow

INVENTOR

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

THOMAS AUSTIN, OF BROOKLYN, NEW YORK.

STOVE OR FURNACE.

SPECIFICATION forming part of Letters Patent No. 520,978, dated June 5, 1894.

Application filed October 9, 1893. Serial No. 487,554. (No model.)

To all whom it may concern:

Be it known that I, THOMAS AUSTIN, a resident of Brooklyn, Kings county, State of New York, have invented an Improvement in Stoves, Furnaces, Heaters, and the Like, of which the following is a specification.

My invention relates to stoves and furnaces and has for its object to provide a stove or furnace with means for rendering it portable.

My invention is especially adapted for use in buildings where the room is limited.

To this end my invention consists in the mechanism described herein, illustrated in the accompanying drawings and which will be more particularly pointed out in the claims.

I attain the object of my invention by means of the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of a stove of the latrobe order showing my invention applied thereto. Fig. 2 is a detail plan view of a part hereinafter referred to.

In the drawings A represents a stove resting upon suitable casters or rollers *a* which bear and traverse upon rails *b* which may have turned-up ends *c* to act as stops for the rollers. Connected to the wall in any suitable manner as by means of a wall plate *d* and preferably extending in a horizontal plane is a pipe section *e* which has a section *e'* extending into the chimney. Fitting upon and telescoping with the section *e* is a pipe section *f* rigidly connected to the stove at *f'* preferably in a horizontal plane, and forming the conductor for the smoke and products of combustion of the stove. These telescoping sections will be hereinafter referred to as the smoke pipe.

In the position shown in full lines in Fig. 1 the stove is represented as pushed into the fire-place or other suitable closet and extending only a short distance into the room. In the position shown in dotted lines in the same figure the stove has been pulled out into the room a short distance, the rollers *a* traverse upon the rails *b* for this purpose, the telescoping sections of the smoke pipe sliding upon each other in order to keep up communication between the interior of the stove and the chimney, irrespective of the position of the stove in the fireplace in order to carry off the products of combustion. A fender *a'*

which extends around the stove or merely around the front of the stove covers the rails when the stove is in its retracted position, as shown in full lines in Fig. 1. The stops *c* serve normally to limit the traverse movement of the stove, but it is obvious that the stops and the fender may be omitted and the rails extended some distance into the room, or may have removable extensions to be taken up when the stove is in its retracted position, in order that the said extensions may not form obstacles upon the floor.

It is equally obvious in stoves having heating drums, shown in Fig. 1 in dotted lines, as a chamber *g*, that these heating drums may be made extensible and telescoping in the same manner as the smoke pipe.

I do not herein limit myself to the precise construction and arrangement of the devices herein shown as the construction and arrangement may be greatly varied without departing from the spirit of my invention, but

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

1. A stove or furnace resting and capable of motion on rails, and having a pipe section *f* rigidly attached to it, in combination with an immovable pipe-section *e* secured to the wall and communicating with the flue, said pipe-sections being in alignment and adapted to be telescoped by the movement of the stove on said rails and to maintain a constant communication between the stove and flue irrespective of the position of the stove in the fire-place, substantially as described.

2. A stove or furnace resting and capable of motion on rails, and having a pipe section *f* rigidly attached to it, in combination with an immovable pipe-section *e* secured to the wall and communicating with the flue, said pipe-sections being in alignment and adapted to be telescoped by the movement of the stove on said rails and to maintain a constant communication between the stove and flue irrespective of the position of the stove in the fire-place, in combination with said rails, and stops thereon for limiting the outward movement of the stove or furnace, as set forth.

THOMAS AUSTIN.

Witnesses:

HARRY M. TURK,
MAURICE BLOCK.