

(No Model.)

A. F. ZIMMERLING.

OIL STOVE.

No. 369,420.

Patented Sept. 6, 1887.

FIG. 1.

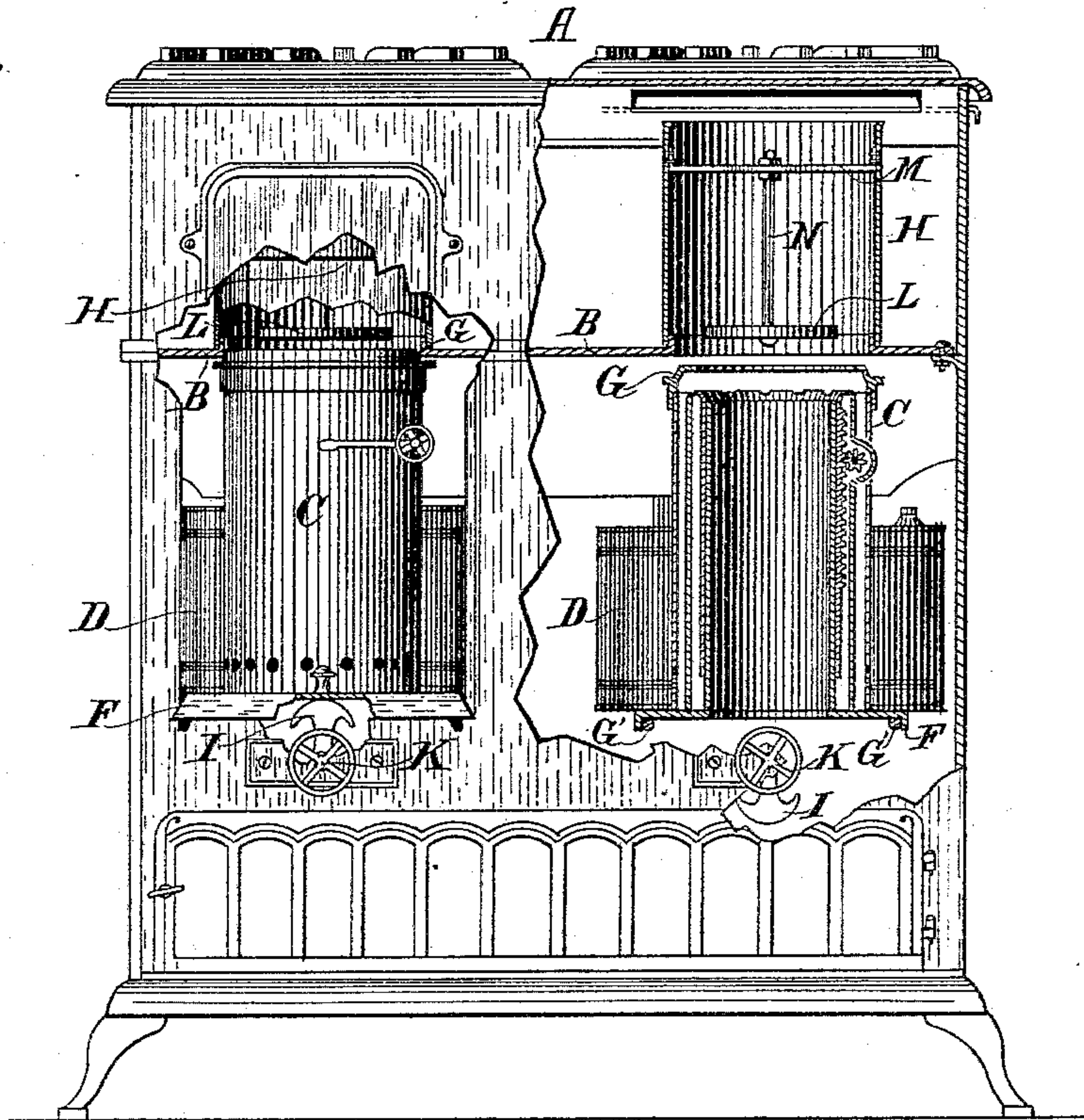
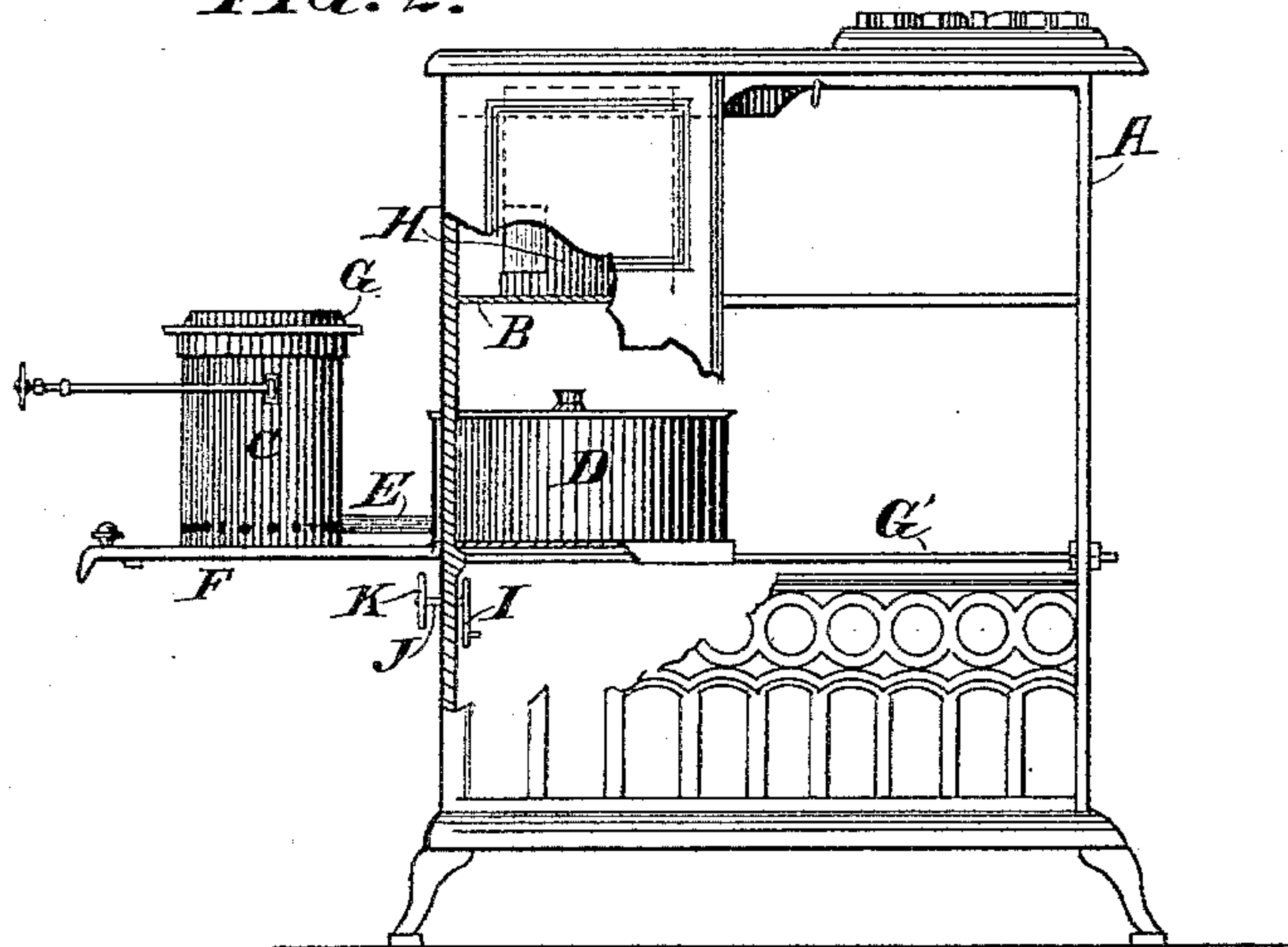


FIG. 2.



Witnesses.

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# UNITED STATES PATENT OFFICE.

AUGUST F. ZIMMERLING, OF MILWAUKEE, WISCONSIN, ASSIGNOR OF ONE-HALF TO J. A. DUTCHER AND P. E. DUTCHER, OF SAME PLACE.

## OIL-STOVE.

SPECIFICATION forming part of Letters Patent No. 369,420, dated September 6, 1887.

Application filed August 9, 1886. Serial No. 210,486. (No model.)

*To all whom it may concern:*

Be it known that I, AUGUST F. ZIMMERLING, of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented new and useful Improvements in Oil-Stoves; and I do hereby declare the following to be a full, clear, and exact description of said invention, reference being had to the accompanying drawings, and to the letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in oil-stoves, and pertains more especially, first, to the device for supporting the lamp in front of the stove when drawn out upon stationary ways by the counter-weight of its oil-reservoir located in rear of it upon the same platform, and, second, to the device for raising the lamp when beneath the chimney up into or in close contact with the lower end of the chimney, whereby a closely-fitting joint is formed between the top of the lamp and the bottom of the chimney, thereby insuring a stronger air-draft and promoting combustion.

My invention is further explained by reference to the accompanying drawings, in which—

Figure 1 represents a front view of an oil-stove embodying my improvements, and Fig. 2 is a side view.

Like parts are represented by the same reference-letters throughout both views.

A is the body of the stove, which in exterior appearance resembles the ordinary stove. The body A has a single combustion-chamber, B, and two separate oil-lamps, C C, one beneath each end of the combustion-chamber.

The lamps C C are each provided with a separate reservoir, D, with which they are respectively connected at their lower ends by tubes E, and each lamp with its reservoir is supported upon a separate sliding platform, F, the lamps being upon the same plane with the reservoirs in front of the same, as shown. The platforms F are each provided with separate supporting-ways G', one of which ways is shown in Fig. 2.

H is a stationary chimney, which is supported on the bottom B of the fire-box. When the lamp is in place beneath the fire-box, it is then elevated so that the cone G of

the lamp will protrude up through the bottom of the fire-box into the lower end of the chimney H, as shown upon the left in Fig. 1, whereby a close joint is formed between the bottom of said chimney and the top of said lamp, thus causing the air required for combustion to enter at the base of the lamp.

The lamp C is thrown up and retained in contact with the chimney by the arm or eccentric I, which is supported upon the pivot J beneath the base or platform F by turning the hand-wheel K.

The chimney H is provided with a deflecting-plate, L, which is suspended from a cross-piece, M, by the rod N. It is obvious that by this arrangement the lamp C and cone G may be lowered and withdrawn from the stove by turning the eccentric I without interfering with the chimney H or deflector L.

The lamp upon the right in Fig. 1 is shown with the cone G below the chimney in position to be withdrawn from the stove, the eccentric I being down, as shown. The lamp upon the left in Fig. 1 is represented as thrown up by the eccentric I, so that its cone G is brought within the lower end of the chimney H.

The specification refers to duplicated parts in the plural so far as such parts have any dependent connection with each other; but when such duplicated parts have no such dependent connection and will operate or perform the same function singly or independently of each other they are referred to in the singular.

The improvements shown upon the respective sides of the stove are equally adapted to be used in a single or one-lamp stove as well as in a double or two-lamp stove, and I do not therefore limit my claims to their use for double or two-lamp stoves.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In an oil-stove, the combination, with the supporting-ways G', of the movable platform F, supported and adapted to slide on said ways, lamp C, supported upon the front end of said platform, and oil-reservoir D, located upon the same plane with and in rear of said lamp upon said platform and adapted to counterbalance and support said lamp, substantially as set forth.

2. In an oil-stove, the combination of the horizontally-sliding lamp C, stationary chimney H, base or lamp supporting platform F, and eccentric arm I, pivoted to the body of the stove  
5 and provided with a handle for throwing said eccentric into and out of contact with said lamp-supporting platform, whereby said lamp is raised up into or withdrawn from said sta-

tionary chimney, substantially as and for the purpose specified. 10

In testimony whereof I affix my signature in presence of two witnesses.

AUGUST F. ZIMMERLING.

Witnesses:

JAS. B. ERWIN,  
C. T. BENEDICT.