

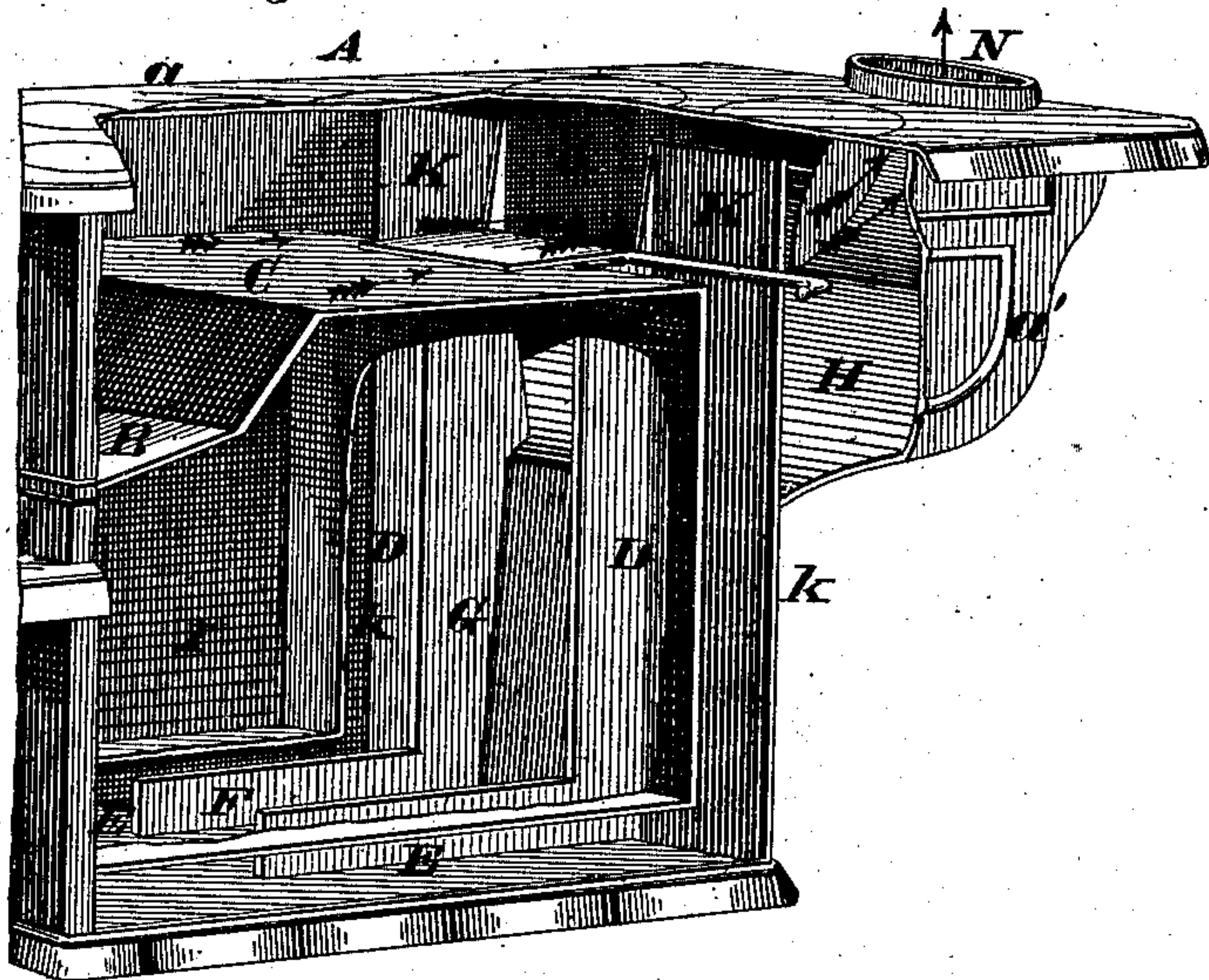
(Model.)

D. H. NATION.  
Cooking Stove.

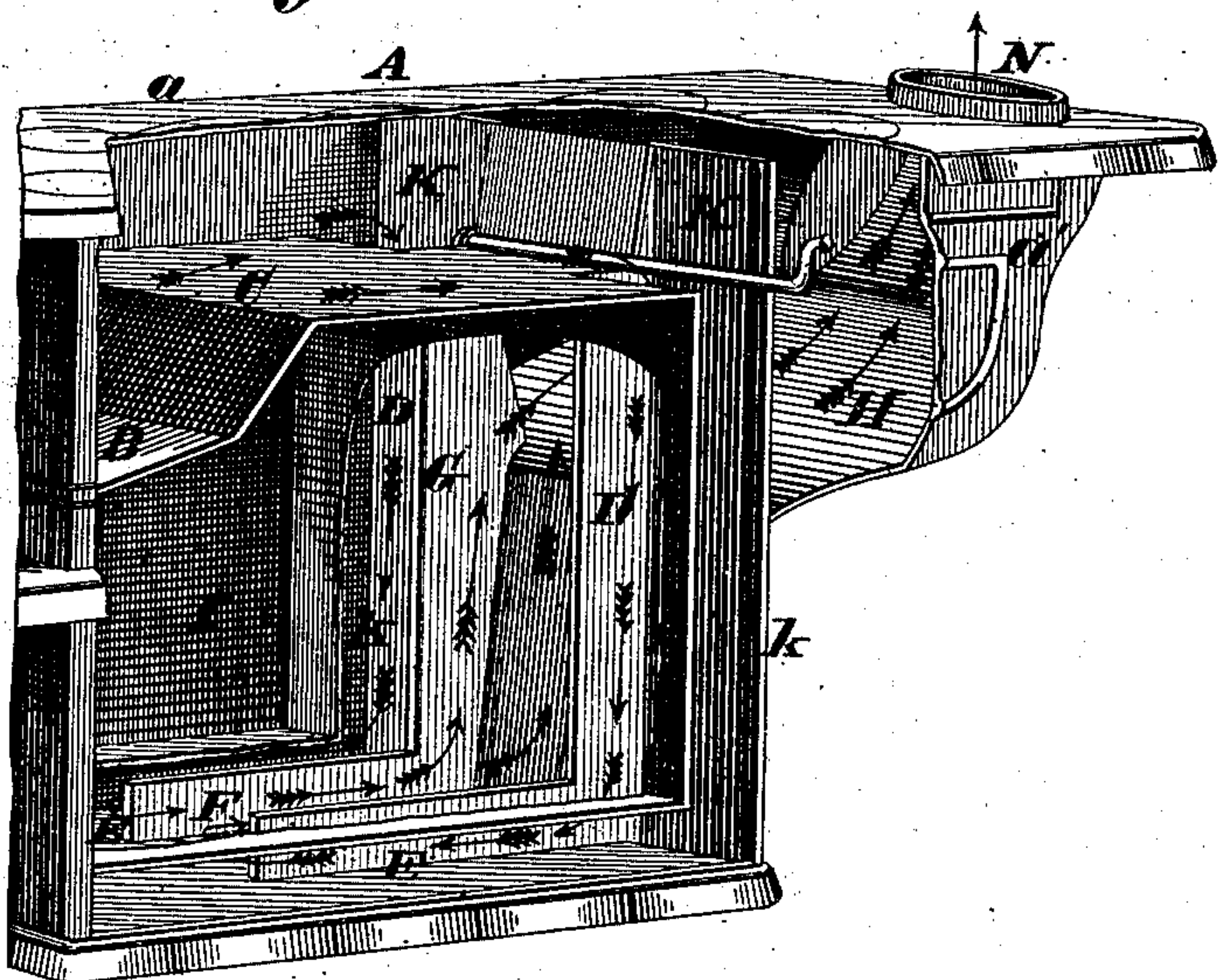
No. 239,533.

Patented March 29, 1881.

*Fig. 1.*



*Fig. 2.*



*Attest:*

*Charles Pickles*

*Samuel S. T. Dwyer*

*Inventor:*

*David H. Nation*  
*by C. D. Moody,*  
*att'y.*



# UNITED STATES PATENT OFFICE.

DAVID H. NATION, OF ST. LOUIS, MISSOURI, ASSIGNOR TO THE EXCELSIOR MANUFACTURING COMPANY, OF SAME PLACE.

## COOKING-STOVE.

SPECIFICATION forming part of Letters Patent No. 239,533, dated March 29, 1881.

Application filed February 7, 1881. (Model.)

*To all whom it may concern:*

Be it known that I, DAVID H. NATION, of St. Louis, Missouri, have made a new and useful Improvement in Cooking-Stoves, of which the following is a full, clear, and exact description, reference being had to the annexed drawings, making part of this specification, in which—

Figure 1 is a view in perspective, showing that part of a stove with which the improvement in question is immediately connected, a portion of the outer and inner plates of the stove being broken away to exhibit the interior construction, and the damper being turned as for direct draft to the exit; and Fig. 2, a similar view, but showing the damper turned to direct the heat-currents around the oven.

The same letters denote the same parts.

The present invention is an improvement in the line of construction patented to me June 1, 1880, and numbered 228,270. In the construction referred to a flue-space at the end of and extending across the top of the stove is, by means of a flue-strip, separated from the flue above the oven. The present improvement has especial relation to this portion of the stove.

A represents the improved stove, having the fire-place B, the flue C leading from the fire-place, the diving-flues D D, the side bottom flues, E E, the center bottom flue, F, the ascending flue G, the flue-space H, and the oven I, substantially as in the original construction. In place, however, of the flue-strip extending in rear of the diving-flues from the side *a* of the stove continuously to the oppo-

site side, *a'*, the flue C and space H are made to be separated by the strips K K, which are arranged beyond the diving-flues D D, and a central damper, M, as shown. That is, for direct draft the damper is turned down, as in Fig. 1, and the heat-currents pass them from the flue C, through the opening between the strips K K, into the space H, and thence to the escape N, as indicated by the arrows in that figure.

To heat the oven the damper is turned to close the opening between the strips, as in Fig. 2, and the course of the heat-currents is then from the flue C, down the diving-flues D D, and through the flues E E, F, and G, into the flue-space H, and thence to the escape N, as indicated by the arrows in the last-named figure.

The strips K K may be extensions of the plates *k k*. The escape N is at the end of the space H.

I claim—

1. In a stove, A, the combination of the flues C and H, and the escape N, said flues being separated, and said escape being arranged substantially as described.

2. In a stove, A, the combination of the flues C, D D, E E, F, G, and H, and the escape N, and damper M, and strips K K, substantially as described.

DAVID H. NATION.

Witnesses:

CHAS. D. MOODY,  
SAML. S. BOYD.