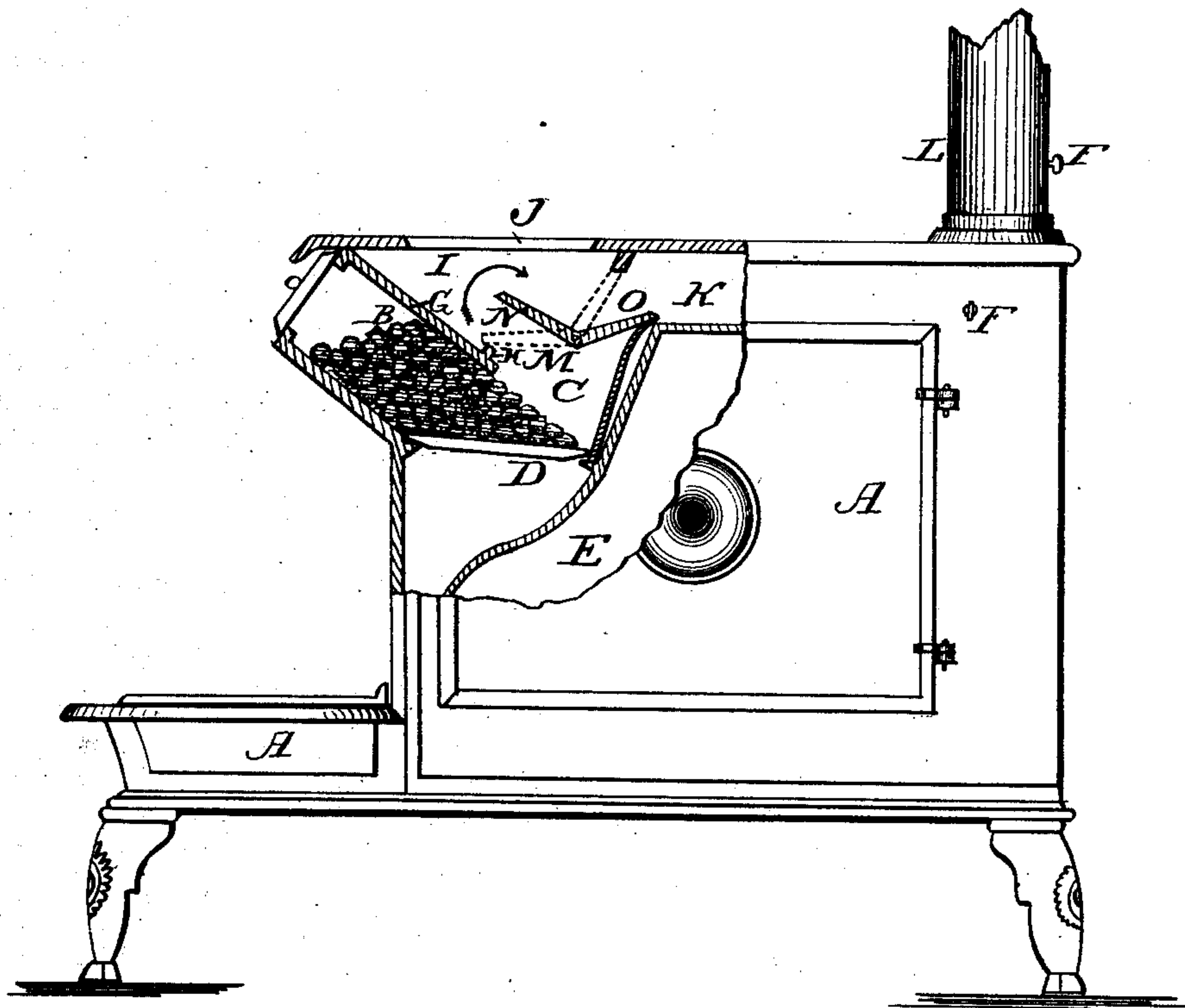


(No Model.)

J. W. WRIGHT.
STOVE.

No. 244,781.

Patented July 26, 1881.



WITNESSES

J. R. Littell,
James A. Littell.

INVENTOR

INVENTOR
James M. Wright
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ATTORNEYS

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UNITED STATES PATENT OFFICE.

JAMES W. WRIGHT, OF MANKATO, MINNESOTA.

STOVE.

SPECIFICATION forming part of Letters Patent No. 244,781, dated July 26, 1881.

Application filed March 30, 1881. (No model.)

To all whom it may concern:

Be it known that I, JAMES W. WRIGHT, of Mankato, in the county of Blue Earth and State of Minnesota, have invented certain new and useful Improvements in Stoves; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing, which forms a part of this specification.

The figure in the drawing is a side elevation, partly in section, of a cook-stove embodying my improvement.

The invention relates to stoves, and particularly to the location of a damper or deflector therein; and it consists of a damper or deflector located in the combustion-chamber for the purpose of directing the products of combustion to different portions of the stove, as will be hereinafter fully described, and particularly pointed out in the claim.

Referring by letter to the accompanying drawings, A designate the stove; B, the magazine at the front thereof; C, the combustion-chamber, and D the grate.

E designates the oven surrounded by flues, so that the heat may be deflected by a damper in the usual manner, to cause the oven to become highly heated when desired.

F indicates the ordinary damper for regulating the draft.

The upper wall, G, of the magazine B forms the front wall of the combustion-chamber, said wall G being preferably provided on its upper face, near its lower edge, with a transverse rib or ledge, H.

I designates one of the openings covered by the lid J.

K designates the flue above the oven leading to the exit-flue L.

M designates a damper or deflector, composed of the upwardly-inclined wings N O, pivoted in the sides of the combustion-chamber transversely of the stove at points slightly above the lower end of the front wall of said chamber. This deflector may be turned to form a passage for the products of combustion beneath either wing of the same at pleasure. By turning it as shown in full lines the heat will follow the course of the arrow and will be directed beneath the lid J; but when tipped, as shown in dotted lines, the heat, &c., will pass through the passage or flue K. This deflector may be employed in a heating-stove wherein flues leading therefrom enter different rooms, one flue being located where the lid J now is.

The invention is cheap and simple, and its effectiveness is plainly evident.

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

In a stove, the combination, with the combustion-chamber C, of the pivoted deflector M, the inclined wings N O of which may be tipped to come in contact with the front or with the rear wall thereof, substantially as and for the purposes set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JAMES WM. WRIGHT.

Witnesses:

HENRY P. CHRISTENSEN,
S. F. BARNEY.