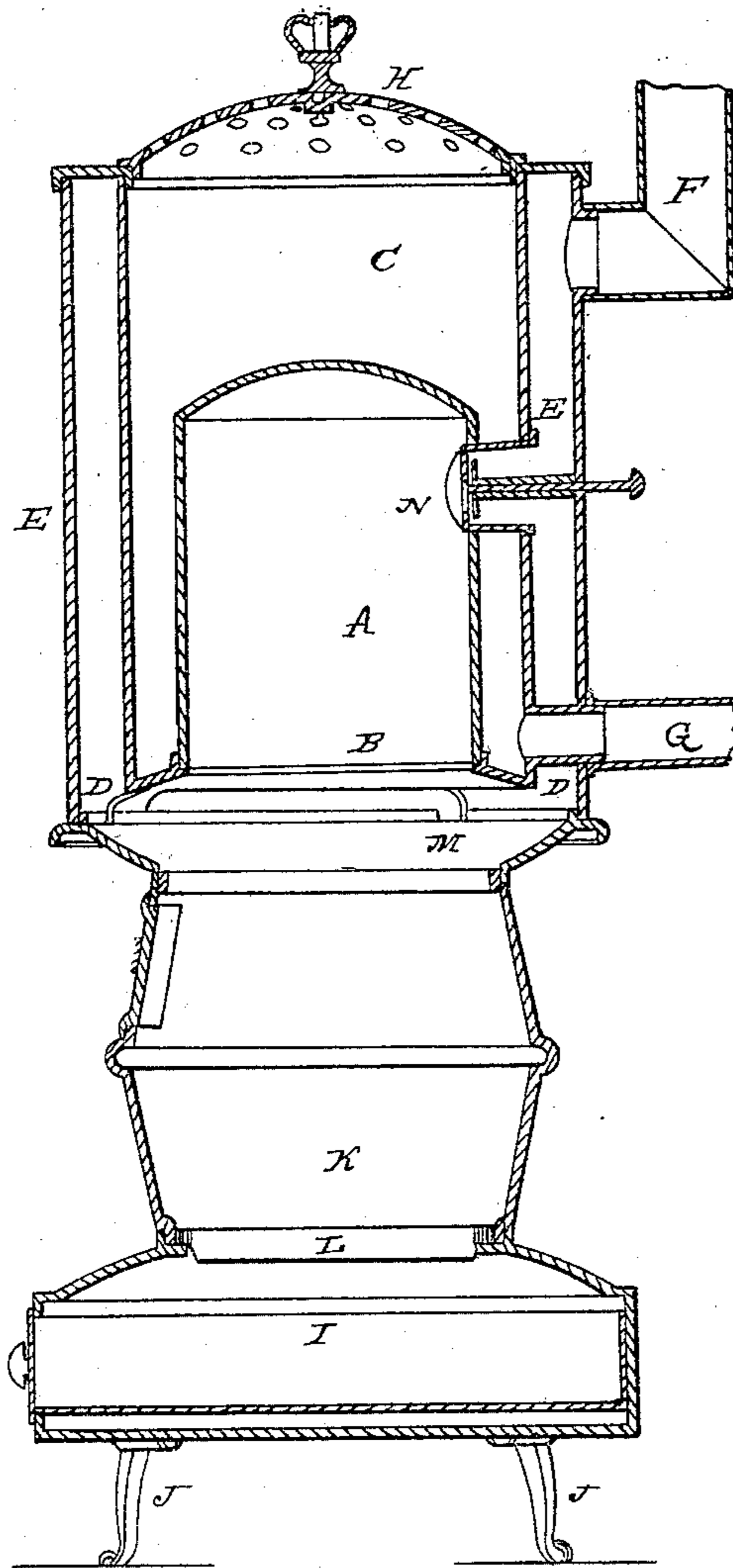


H. G. DAYTON.

Coal Stove.

No. 59,563.

Patented Nov. 13, 1866.



Witnesses
James C. Cowin
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UNITED STATES PATENT OFFICE.

HENRY G. DAYTON, OF MAYSVILLE, KENTUCKY.

IMPROVEMENT IN COAL-STOVES.

Specification forming part of Letters Patent No. **59,563**, dated November 13, 1866.

To all whom it may concern:

Be it known that I, HENRY G. DAYTON, of Maysville, in the county of Mason and State of Kentucky, have invented a new and Improved Stove; and I do hereby declare the following to be a full, clear, and exact description of the nature, construction, and operation of the same, sufficient to enable others skilled in the art to which my invention appertains to understand and use the same, reference being had to the accompanying drawings, which are made a part of this specification, and in which the improvement is represented by a central vertical section.

This invention consists in the provision of the chamber A, surmounting the crown-plate B, and affording a place within which the heated gases may circulate and reverberate, and impart their heat to the chamber C before they pass the annular orifice D into the chamber E in their passage toward the exit-flue F.

The exterior walls of the stove and chamber E impart heat to the surrounding air of the room; and fresh air from the outside of the house, if desired, is introduced by means of the pipe G into the chamber C, where it is heated by

contact with the walls of the chamber A, and eventually passes through the orifices of the cover H to mingle with the air of the room.

The base I of the stove is supported upon the feet J, and supports the fire-chamber K and grate L. M are supports for the inner plates, which bound the chambers C and A. N is a damper, by means of which direct communication between the fire-chamber and flue is afforded when the fire is being kindled or an energetic draft desired.

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

The arrangement above the fire-box K and within the air-heating chamber C of the reverberating chamber A, supported upon the plate B, substantially as and for the purpose described.

To the above specification of an improved stove and furnace combined I have signed my hand this 21st day of June, 1866.

HENRY G. DAYTON.

Witnesses:

EDWARD H. KNIGHT,
OCTAVIUS KNIGHT.