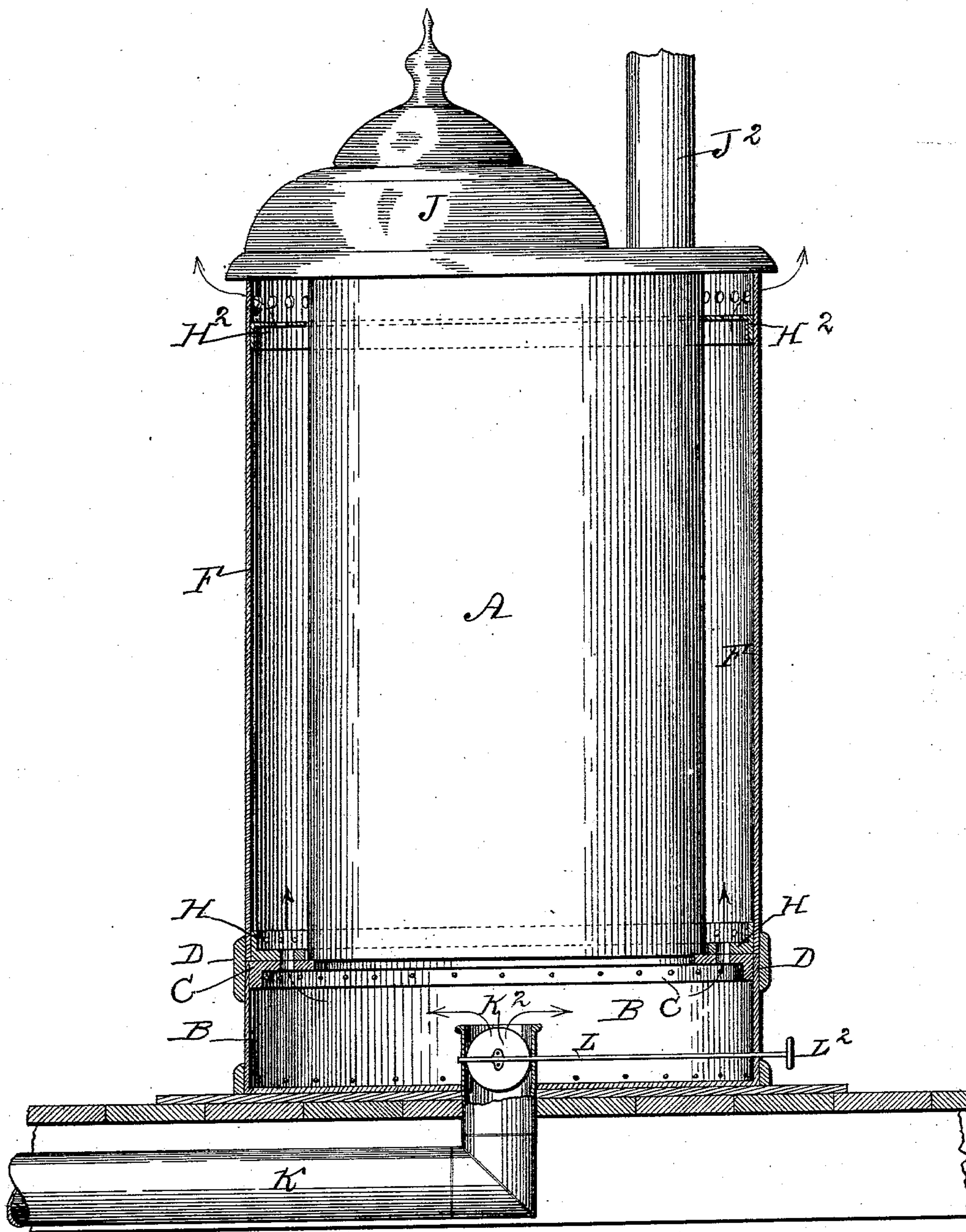


No. 753,104.

PATENTED FEB. 23, 1904.

C. PELMULDER.
VENTILATOR ATTACHMENT FOR STOVES.
APPLICATION FILED JUNE 26, 1903.

NO MODEL.



Witnesses:
H. K. Heffer.
A. S. Hague.

Inventor: Charles Pelmulder,
By Thomas G. Oring, Attorney.

UNITED STATES PATENT OFFICE.

CHARLES PELMULDER, OF GRANT CITY, IOWA.

VENTILATOR ATTACHMENT FOR STOVES.

SPECIFICATION forming part of Letters Patent No. 753,104, dated February 23, 1904.

Application filed June 26, 1903. Serial No. 163,257. (No model.)

To all whom it may concern:

Be it known that I, CHARLES PELMULDER, a citizen of the United States, residing at Grant City, in the county of Sac and State of Iowa, have invented a new and useful Ventilator Attachment for Stoves, of which the following is a specification.

My object is to provide an attachment for stoves to convey and heat and circulate fresh air in a building as required to advantageously promote the comfort and health of persons occupying the premises.

My invention consists in the attachment for stoves adapted for heating purposes, as hereinafter set forth, pointed out in my claims, and illustrated in the accompanying drawing, in which—

The letter A designates a stove, preferably of cylindrical form, supported upon an air-chamber B, closed at its bottom and rests upon a floor and serves as a base for the stove and also as a means of distributing cold fresh air to the radiating-surface of the stove.

A rigid metal ring C of L shape in cross-section, fixed to the inside of the top of the chamber B to serve as a support for the stove A, is provided with apertures for the upward passage of air, as indicated by arrows.

A rigid metal band D is fixed to the outside and top portion of the chamber to project upward and to aid in producing a tight joint between the chamber and base B and a sheet-metal jacket F, that has a rigid metal ring H fixed to the inside of its bottom and provided with apertures that coincide with the apertures in the ring C. A corresponding ring H² is fixed to the inside of the top portion of the jacket F, and above it the jacket is provided with perforations for discharging air that ascends between the exterior radiating-surface of the stove and the inside surface of the jacket.

A top J is fitted to the top of the stove and the top of the jacket, as shown or in any suitable way, as required to close the top of the stove and also the top of the annular space between the stove and the jacket.

A stovepipe J² is connected with the top of the stove. A stove-door required for feeding fuel to the stove is not shown.

A pipe K for conveying cold fresh air from outside of the building into the air-chamber and base of the stove is located under the floor and has an elbow that extends up into said chamber and a damper K² in the elbow, provided with a stem L, that extends out through the wall of the chamber and has a straight handle L², that extends in the plane of the damper, so that it will serve as an indicator to show when the damper is open or closed. By this means the passage of cold air into the chamber B can be readily regulated.

Having thus described the purpose of my invention and its construction, application, and operation, the simplicity and practical utility thereof will be obvious to persons familiar with the art to which it pertains.

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

1. An attachment for stoves consisting of an air-chamber and base closed at its bottom excepting to provide a pipe-aperture and having a fixed flange at its inside top said flange having apertures for the upward passage of air and a pipe in the bottom of the chamber for the purposes stated.

2. An attachment for stoves consisting of an air-chamber and base closed at its bottom excepting to provide a pipe-aperture and having a fixed flange at its inside top and said flange having apertures for the upward passage of air, a pipe in the bottom of the chamber, a pipe fitted in said aperture, a damper in the pipe and a damper-handle extended to the outside of the chamber, a stove on said perforated flange, a jacket in concentric position with the stove and provided with apertures at its top, arranged and combined as shown and described to operate in the manner set forth for the purposes stated.

CHARLES PELMULDER.

Witnesses:

P. R. MOSELEY,
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