J. P. JAEGER.

COMBINED STOVE-PIPE DRUM AND SHELF.

No. 187,534. Patented Feb. 20, 1877.

Fig. 1.

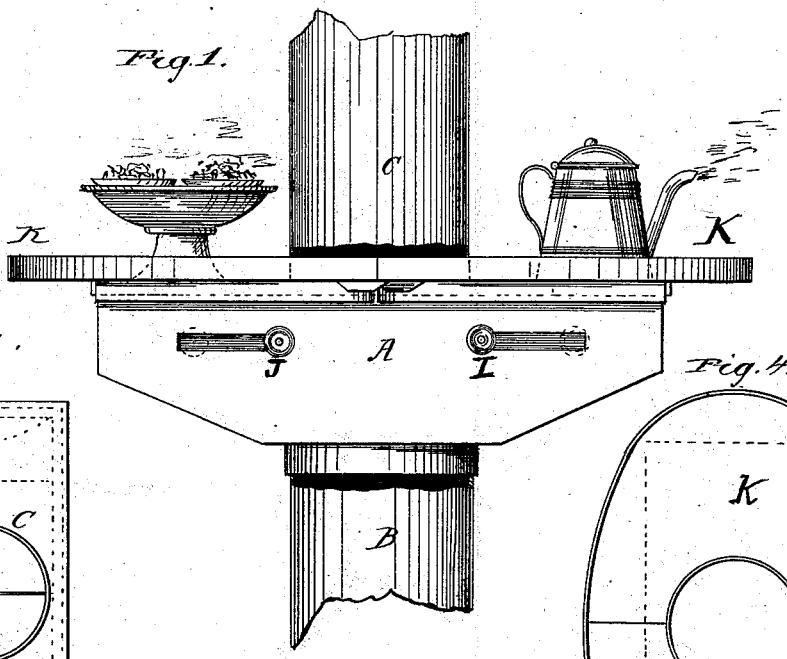


Fig. 3.

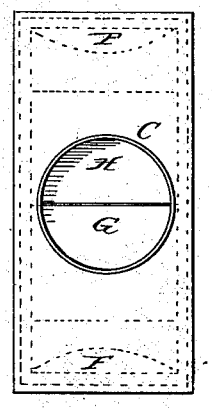


Fig. 4.

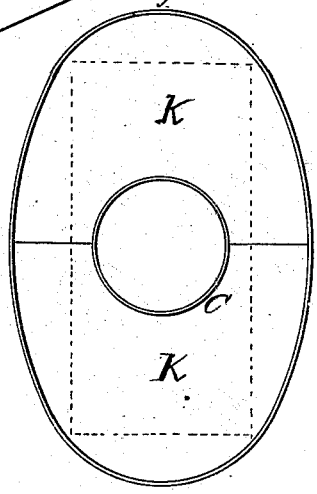
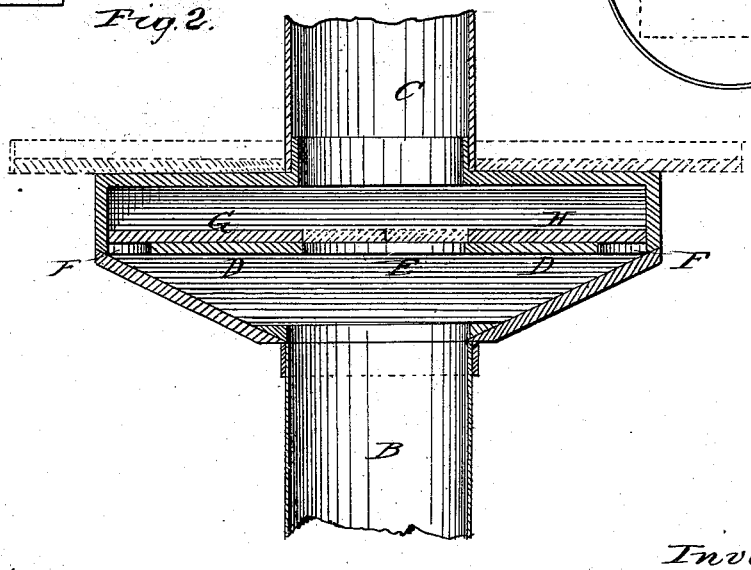


Fig. 2.



Witnesses.
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UNITED STATES PATENT OFFICE.

JOHN P. JAEGER, OF EUREKA, WISCONSIN.

IMPROVEMENT IN COMBINED STOVE-PIPE, DRUM, AND SHELF.

Specification forming part of Letters Patent No. **187,534**, dated February 20, 1877; application filed January 11, 1877.

To all whom it may concern:

Be it known that I, JOHN P. JAEGER, of Eureka, in the county of Winnebago and State of Wisconsin, have invented certain new and useful Improvements in Stove-Damper, Heating-Chamber, and Stove-Pipe Shelf; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

In the accompanying drawings, Figure 1 is a front view of my improved stove-pipe shelf, heater, and damper connected with sections of stove pipe. Fig. 2 is a vertical section of the same. Fig. 3 is a top view of the heater with the shelf removed, and Fig. 4 is a top view of the shelf.

My invention consists of a novel construction and arrangement of stove-pipe shelf, heater, and dampers combined, all of which will be fully understood by the following description.

My heating-chamber A is inserted between two sections of stove-pipe, B and C, which are partially cut away in front, in order to show better the connections of the pipes with the collars on the heater. This heating-chamber is very simple in construction, the upper part thereof being a rectangular box, and the bottom thereof having two flat inclines extending from the pipe B to the ends of the heater or box, in order to give proper direction to the smoke and current of heated air. The interior of this heating-chamber is completed by a single horizontal partition, D, having a central opening, E, and two side openings, F, which are provided with two sliding dampers, G and H, which rest upon the shelf F, as shown in Fig. 2. These dampers are moved by means of knobs I and J, Fig. 1. When they are moved to the center of the heater they close the hole E, or direct draft, and when separated and moved to the ends of the box or chamber they close the holes F, Figs. 2 and 3, and thus cut off the heat from the main or upper part of chamber A.

A removable shelf, K, is made in two parts, and provided with suitable grooves and slides, to be slid on at the ends of the chamber A, and meet in the center around the stove-pipes, as shown particularly in Fig. 4. A slight pull at the ends of this shelf separates the parts and removes the shelf when not in use.

Having described my improvements, I claim—

The heater A, provided with the horizontal partition D and the sliding dampers thereon, and having the bottom made with two flat inclines, as described, in combination with the removable shelf K, made in two parts, substantially as set forth.

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

JOHN P. JAEGER.

Witnesses:

J. D. CHAMBERLAIN,

C. BROMLEY.