Geo. T. Spaulding
Stove Drum Shelf.

No. 120,217. Patented Oct. 24, 1871.

Fig. 1.

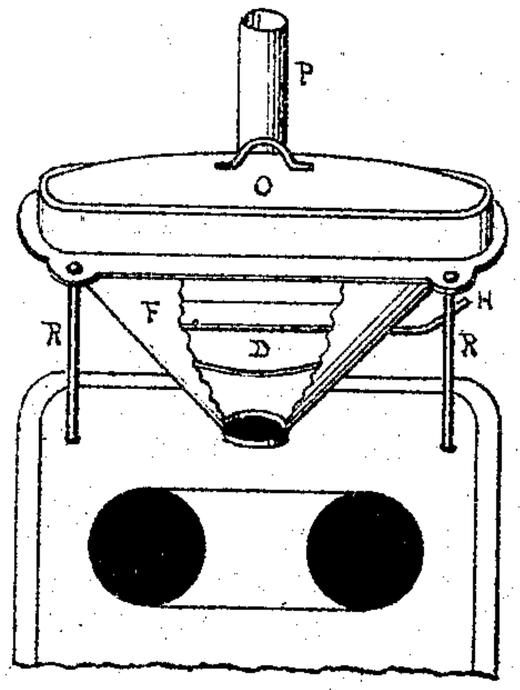


Fig. 2.

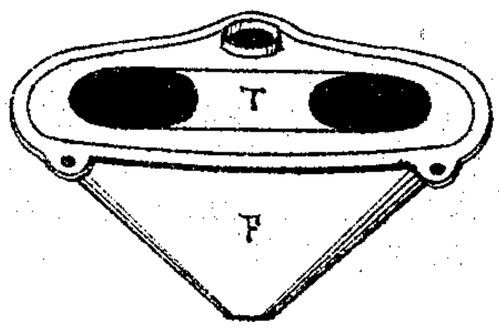


Fig. 3.

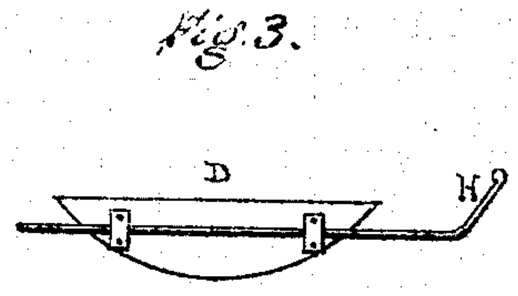


Fig. 4.

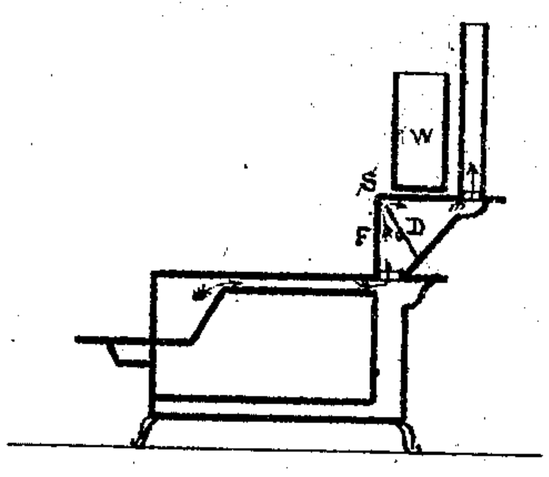
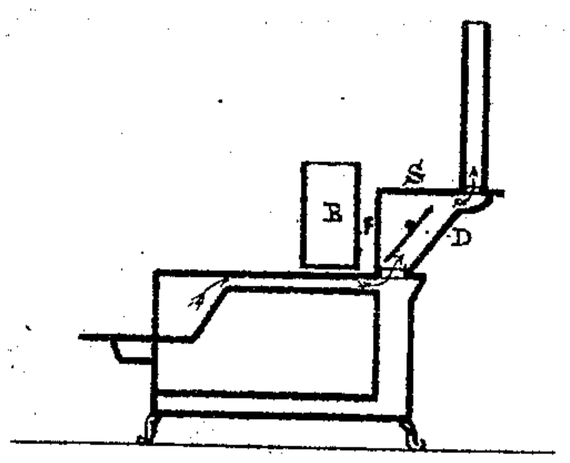


Fig. 5.



Witnesses.

L. D. Toft

R. W. Collins

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George T. Spaulding

120,217

UNITED STATES PATENT OFFICE.

GEORGE T. SPAULDING, OF BROADHEAD, WISCONSIN.

IMPROVEMENT IN STOVE-DRUMS.

Specification forming part of Letters Patent No. 120,217, dated October 24, 1871.

To all whom it may concern:

Be it known that I, GEORGE T. SPAULDING, of Broadhead, in the county of Green and State of Wisconsin, have invented certain Improvements in Stove-Drums, of which the following is a specification:

My invention relates to the combination of a stove-drum, shelf, and warming-closet.

In the accompanying drawing, Figure 1 is a front view of the whole with so much of a stove as is necessary to show its attachment thereto, having a section of the front of drum removed to show damper therein. Fig. 2 represents the drum alone. Fig. 3, the damper detached. Fig. 4 is a vertical section of stove and drum with a water-tank on the shelf; Fig. 5, the same with boiler on the stove in front of the drum.

I make the drum F of sheet-iron and funnel-shaped, with a cast-iron oval top with pot-holes, as seen in Fig. 2, F, the funnel diverging laterally and backward with its top at right angles to its front, and when attached to the stove the front perpendicular to the top of stove, or so nearly thus as not to interfere with a boiler on back part of stove, as seen at B, Fig. 5. The oval cast top is secured to the funnel F by the rods R R, and the whole to the stove by said rods. The warming-closet O I make of tin plate, of shape like a boiler, bottomless, and top secure. The damper D, with its handle H, is within the funnel F lengthwise of the drum, its lower edge of such a curve or line as to fit well either front or back of the drum. When the closet O or a water-tank, W, is placed upon the top of drum the damper D may be turned by its handle H, so the lower edge of damper will rest against the back of drum, thus directing heat up front and across under any thing placed on the shelf S, seen in Fig. 4. The draught is direct when the damper D is turned against the perpendicular front or the drum, as seen in Fig. 5.

The stove-pipe is attached to the drum in same way as to a stove, and comes up back of the closet O, seen at P, Fig. 1.

I do not claim a funnel-shaped drum, as ordinarily made, diverging on all sides alike.

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

1. The funnel-shaped drum, so constructed that when attached to the stove its front shall be at a right angle or nearly so with the top of the stove, and also at a right angle with its own top, as and for the purpose described.

2. The construction and arrangement of the damper within the drum, as and for the purpose set forth.

3. The attachment of the top of the drum to the funnel, and of both to the stove, by the rods R, substantially as described.

GEO. T. SPAULDING.

Witnesses:
S. P. TAFT,
R. W. COLLINS.

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