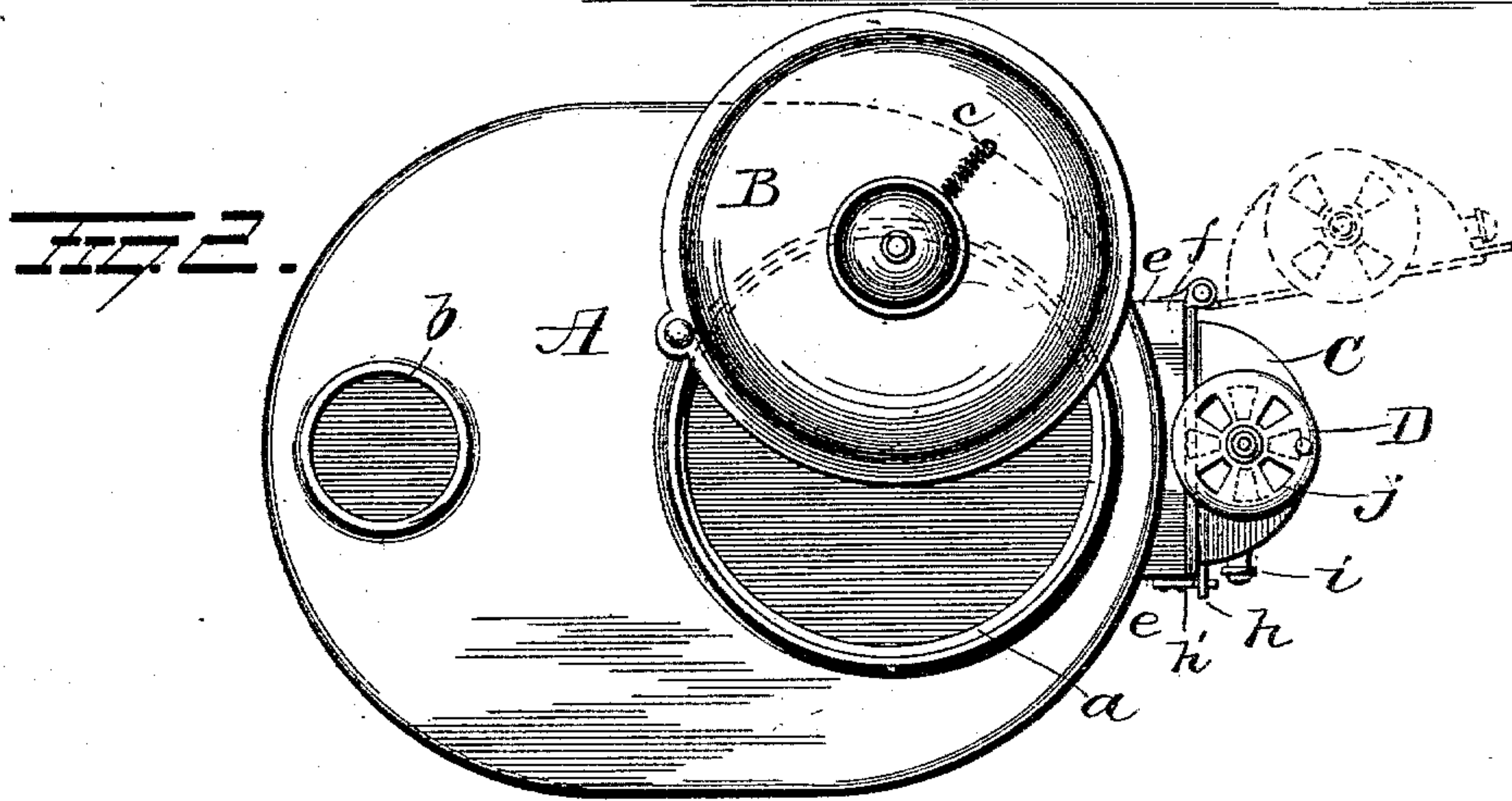
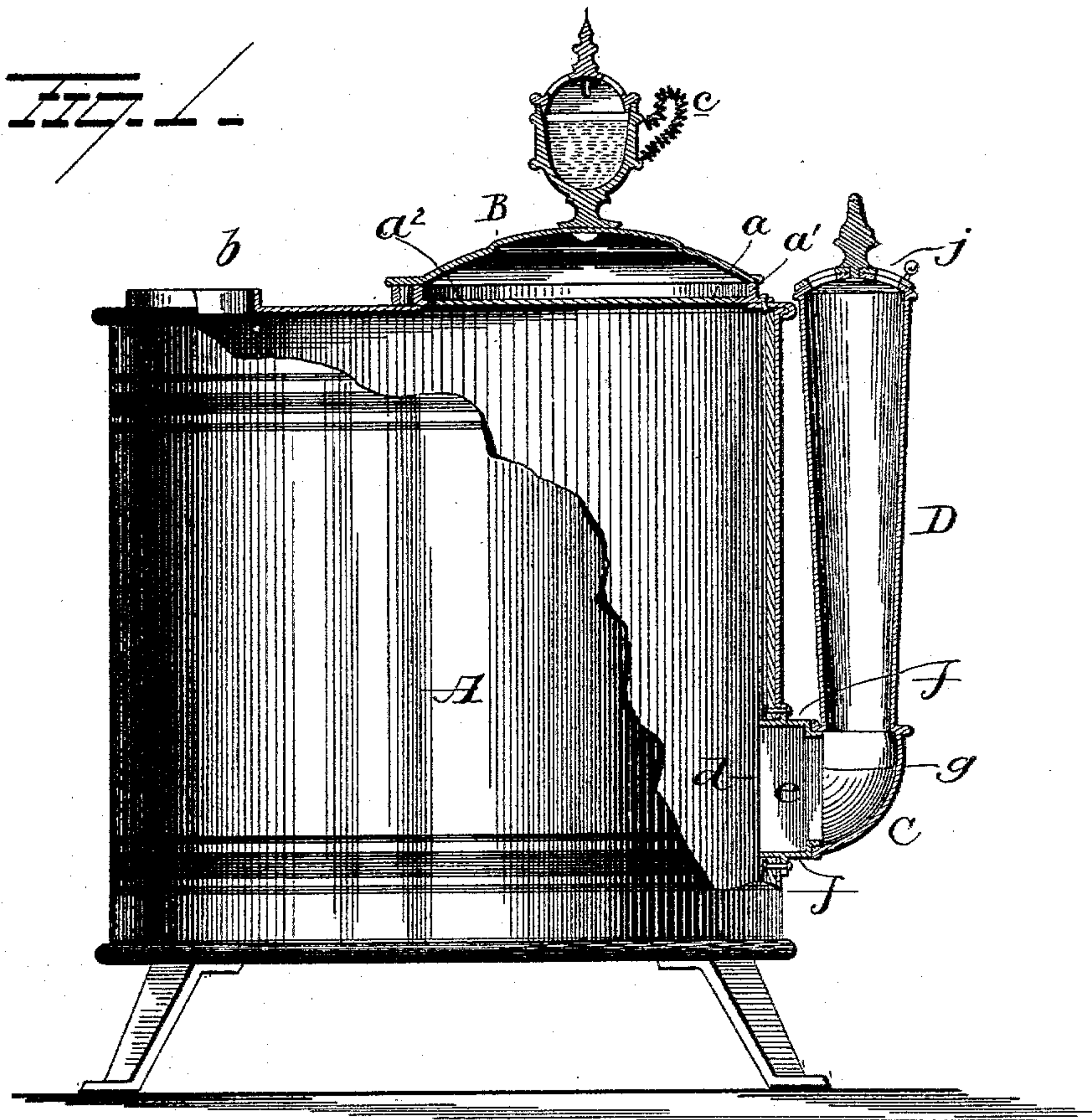


(No Model.)

R. A. HUNCILMAN & T. M. BARBEE.
STOVE.

No. 562,830.

Patented June 30, 1896.



Witnesses
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UNITED STATES PATENT OFFICE.

RICHARD A. HUNCILMAN, OF NEW ALBANY, AND THOMAS M. BARBEE, OF CORYDON, INDIANA.

STOVE.

SPECIFICATION forming part of Letters Patent No. 562,830, dated June 30, 1896.

Application filed March 28, 1895. Serial No. 543,562. (No model.)

To all whom it may concern:

Be it known that we, RICHARD A. HUNCILMAN, of New Albany, in the county of Floyd, and THOMAS M. BARBEE, of Corydon, in the
5 county of Harrison, State of Indiana, have invented certain new and useful Improvements in Stoves; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable
10 others skilled in the art to which it appertains to make and use the same.

Our invention relates to an improvement in stoves and more particularly to such as employ wood for fuel, the object of the invention being to provide a stove with a device
15 by which the draft can be readily regulated and the removal of ashes, &c., facilitated.

With this object in view the invention consists in certain novel features of construction and combinations and arrangements of
20 parts, as hereinafter set forth, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view illustrating our improvements, portions being shown in section. Fig. 2 is a
25 plan view.

A represents the body of the stove, which will be provided with a suitable lining of sheet or cast iron.

30 The stove will be provided in its top with an opening *a* for the insertion of fuel and with an opening *b* for the attachment of a stove-pipe. The opening *a* is surrounded by a cast-iron collar *a'*, and is normally closed
35 by a swinging cover B, made in the form of an urn for containing water and provided with a coiled-wire handle *c*, by which it can be operated, said swinging cover being pivotally connected with the cast-iron collar *a'*.
40 By making the handle *c* of coiled wire ample provision is made for the circulation of air through it, and it will not therefore become highly heated. A plate *a²* is preferably disposed within the collar *a'* for the
45 reception of a cooking utensil when the cover B shall have been swung around.

The lower portion of the stove is made with a rectangular opening *d*, from the edges of which flanges *e e f f* project, the outer edges
50 of said flanges being made with ribs *g*. To one of the flanges *e* one end of a hollow

rounded box-shaped door C is hinged, the free end of said door having a latch *h* to engage a keeper *h'* on the other flange *e*. The door is also provided with a knob *i*, by means
55 of which to operate it. The door or box, when closed, communicates with the opening *d* and fits over the ribs *g*, whereby to form a tight fit with the flanges *e f*.

A vertical pipe or flue D communicates at
60 its lower end with the door or box C and terminates at a point preferably at or near the top of the stove. The top of the pipe D is provided with a pivoted damper *j*, whereby the amount of draft passing into the stove
65 through the pipe D and box or door C can be easily regulated.

From the construction and arrangement of parts above described it will be seen that a device is produced which effectually serves a
70 twofold purpose—viz., to afford ready means for withdrawing ashes, &c., from the stove and to provide simple and efficient means for accurately and conveniently regulating the draft through the stove. When the door or
75 cover C is swung around, access can be had to the interior of the stove through the box formed by the flanges *e f* and opening *d*, not only for withdrawing ashes, &c., but also for easily applying fire for starting the fire in
80 the stove. With the exception of the provision hereinbefore described for the draft the stove will be air-tight.

Our improvements are simple in construction, easy to manipulate, and effectual, in all
85 respects, in the performance of their functions.

Having fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—
90

1. In a stove, the combination with a body portion having an opening at its upper end for the reception of fuel, of a door at the lower end for removing ashes, and a pipe or flue independent of the stove and opening
95 into this lower door and provided with an air-damper at its upper end, substantially as set forth.

2. In a stove, the combination with the body portion having an opening at or near
100 the upper end for the reception of fuel, and an opening at its lower end for the removal

of ashes from the stove, of a door hinged at one edge of this lower opening and adapted to swing to one side in opening, a box connected with this door, a pipe or flue extending upward from this box, said pipe independent of the stove proper, and a damper in the upper end of this pipe or flue, substantially as set forth.

In testimony whereof we have signed this

specification in the presence of subscribing witnesses.

R. A. HUNCILMAN.
T. M. BARBEE.

Witnesses:

EDWARD J. BENN,
VICTOR J. BULLEIT,
JOSEPH BULLEIT,
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