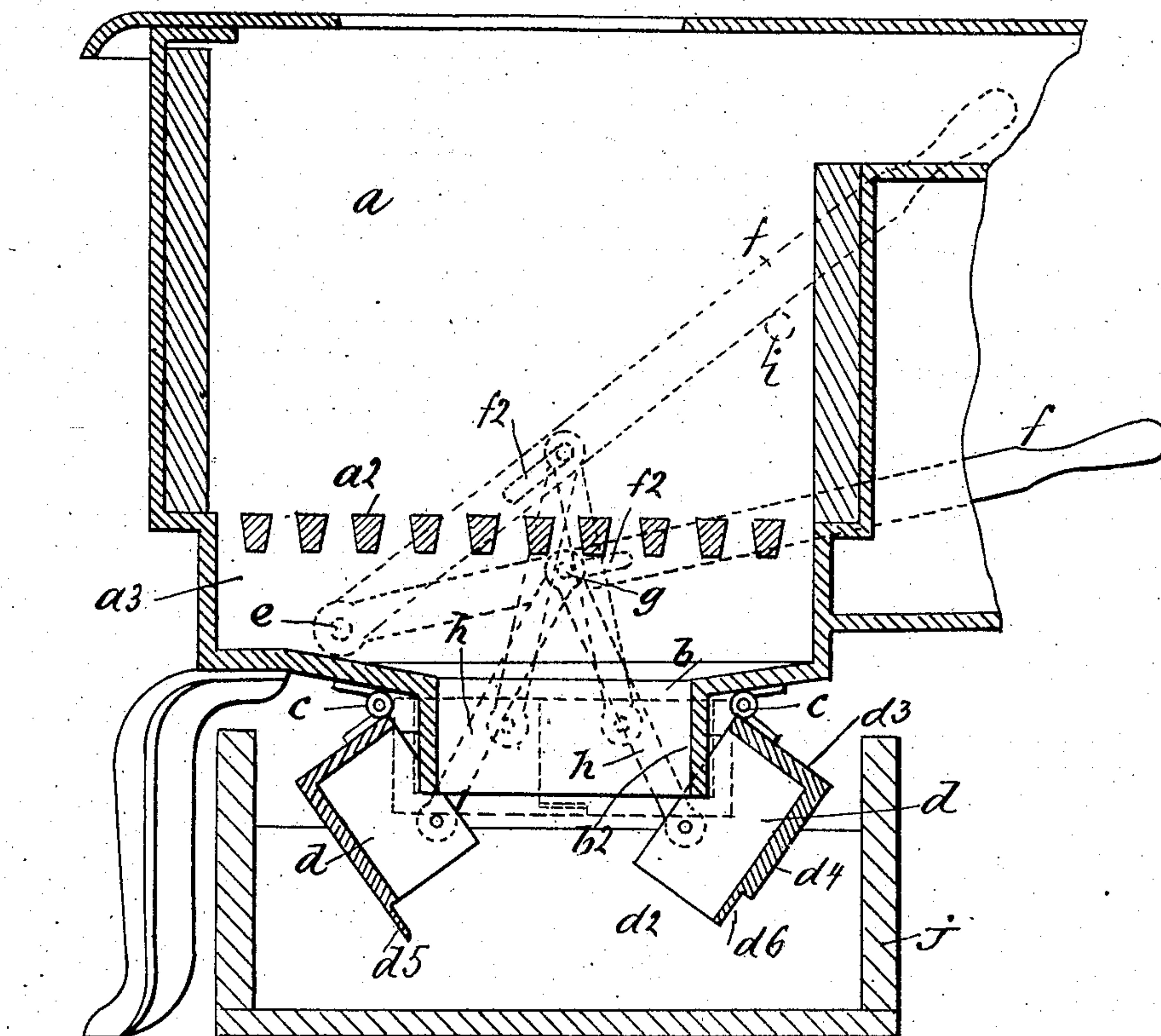


No. 827,281.

PATENTED JULY 31, 1906.

A. C. ANDERSON.  
ASH DUMP FOR STOVES.  
APPLICATION FILED FEB. 15, 1906.



WITNESSES

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# UNITED STATES PATENT OFFICE.

ALBERT C. ANDERSON, OF BROOKLYN, NEW YORK.

## ASH-DUMP FOR STOVES.

No. 827,281.

Specification of Letters Patent.

Patented July 31, 1906.

Application filed February 15, 1906. Serial No. 301,129.

*To all whom it may concern:*

Be it known that I, ALBERT C. ANDERSON, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Ash-Dumps for Stoves, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to stoves, ranges, and other heaters of this class; and the object thereof is to provide improved means for dumping the ashes from the ash-pit of heaters of this class.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters, said drawing being a sectional front view of the fire-box portion of an ordinary stove or range provided with my improvement and showing also an ash-receiver placed thereunder.

In the drawing forming part of this specification I have shown at *a* a fire-box portion of a stove or range, in the bottom of which is the usual grate *a*<sup>2</sup>, below which is the ash-pit *a*<sup>3</sup>. The bottom of the ash-pit *a*<sup>3</sup> is preferably inclined downwardly toward the center thereof, and formed therein is a large central opening *b*, around which is a depending flange or rim *b*<sup>2</sup>.

Hinged to the bottom of the ash-pit and at the opposite sides of the opening *b*, as shown at *c*, are box members *d*, which are open at the top and adjacent free sides and which in the form of construction shown comprise end members *d*<sup>2</sup>, back members *d*<sup>3</sup>, and bottoms *d*<sup>4</sup>, and the bottoms *d*<sup>4</sup> are so formed as to overlap, one of said bottoms being provided with a flange *d*<sup>5</sup> and the other with a recess *d*<sup>6</sup>, adapted to receive said flange.

Pivoted to the back of the fire-box or the ash-pit, as shown at *e*, is an arm *f*, provided centrally with a longitudinal slot *f*<sup>2</sup>, and suspended from said arm by means of a pin or bolt *g*, which passes through said slot, are link members *h*, two of which are employed, and said link members are pivoted to the rear ends of the box members *d*. When the arm *f* is in the raised position, (shown in dotted lines in the drawing,) where it is supported by a stop or other device *i*, the box members *d*, which constitute the dump proper, are held in the position shown in dotted lines in

the drawing, and the ash-pit is securely closed, the said box members forming the bottom of the supplemental chamber formed by the flange or rim *g*<sup>2</sup>, and whenever it is desired to dump the ashes all that is necessary is to lower the arm *f* into the position shown in dotted and full lines in the drawing, in which operation the box members *d* will assume the positions shown in full lines in the drawing, and the ashes will be dumped into any suitable receptacle *j*, placed under the stove or range to receive them.

The depending flange or rim *b*<sup>2</sup> around the opening *b* in the bottom of the ash-pit together with the box members *d* when the latter is closed form a supplemental chamber or a supplemental ash-pit, the bottom of which is formed by the box members *d*, and the flange *b*<sup>2</sup> prevents hot ashes or other substances from passing out over the tops of the box members *d* or at the end of said box members, while the overlapping bottoms of said box members in connection with the flange or rim *b*<sup>2</sup> form a perfectly-tight supplemental compartment or ash-pit.

It will be understood that the opening *b* in the bottom of the ash-pit may be of any desired shape, and the hinged box members *d* may also be of any preferred shape, all that is necessary being that they be opened at the top and at the adjacent free sides.

This device may be applied to any kind or class of stoves or similar heaters, and constitutes, as will be seen, a simple and effective means for dumping the ashes from the ash-pit.

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

1. A stove or other heater, the ash-pit of which is provided with a central opening in the bottom thereof around which is a depending flange, and box members hinged to the bottom of the ash-pit at the opposite sides of said opening, said box members being open at the top and at their adjacent free sides, means for raising said box members so as to close the bottom of the supplemental chamber formed by said depending flange, and for lowering said box members when desired, substantially as shown and described.

2. A stove or other heater, the ash-pit of which is provided with a central opening in the bottom thereof around which is a depending flange, and box members hinged to the bottom of the ash-pit at the opposite sides of



said opening, said box members being open at the top and at their adjacent free sides, means for raising said box members so as to close the bottom of the supplemental chamber formed by said depending flange and for lowering said box members when desired, the bottoms of the said box members at their free sides being also adapted to overlap, substantially as shown and described.

10 3. A stove or similar heater having an ash-pit the bottom portion of which is provided with an opening having a depending flange forming a supplemental chamber when the bottom thereof is closed, box members hinged

15 at the opposite sides of said opening, said box members being open at the top and their

adjacent free sides and adapted to close the bottom of the supplemental chamber when in their raised position, an arm pivoted to the back of the heater and provided with links 20 pivotally connected with said box members whereby said box members may be raised and lowered, substantially as shown and described.

In testimony that I claim the foregoing as 25 my invention I have signed my name, in presence of the subscribing witnesses, this 13th day of February, 1906.

ALBERT C. ANDERSON.

Witnesses:

F. A. STEWART,  
C. E. MULREANY.