

J. T. DAVY.
Stove Grate.

No. 7,284.

Patented April 16, 1850.

Fig. 1.

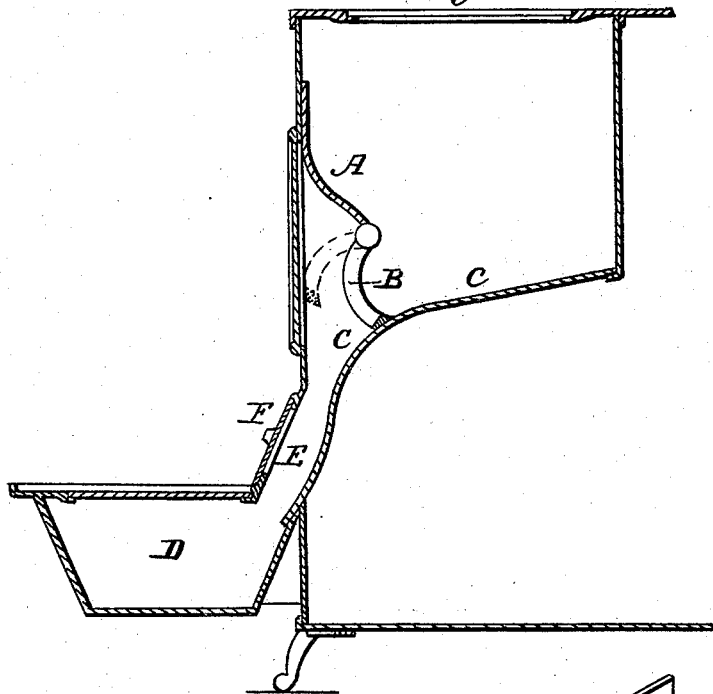
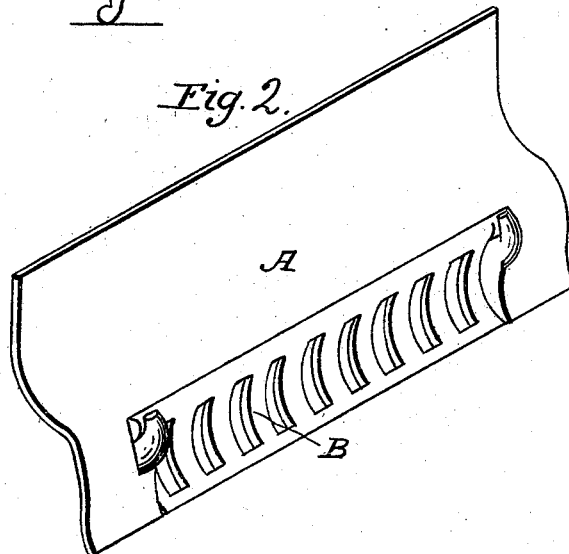


Fig. 2.



UNITED STATES PATENT OFFICE.

JOHN T. DAVY, OF TROY, NEW YORK.

GRATE FOR COOKING-STOVES.

Specification of Letters Patent No. 7,284, dated April 16, 1850.

To all whom it may concern:

Be it known that I, JOHN T. DAVY, of Troy, in the county of Rensselaer and State of New York, have invented a new and Improved Mode of Constructing Fire-Grates to be Used in Cooking-Stoves; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawing, making a part of this specification, in which—

Figure 1, is a vertical section through the front part of the stove running from front to back, showing the grate in place, and Fig. 2, a perspective view of the grate attached to a plate which constitutes the front part of the fire chamber.

The nature of my invention consists in the so arranging the curved grate in connection with curved ash plate, as secured by Letters Patent of the United States granted to Samuel Pierce July 31st 1847, in such a manner as that the grate is raised so that the coals are let down into the summer arrangement for broiling and other purposes and also the fire chamber is of ashes in the same manner, and the grate by its own weight and curvature retains its proper position for retaining the fuel in the chamber.

The description is as follows: I employ a curved fire plate A, in front of the fire chamber to which the grate B, is hung, and falls against the curved ash plate C, where it is retained by its own weight and the ashes or coals are let down in the summer arrangement D, through the space E, by raising the grate in the position shown in red lines. The draft is also concentrated in the most proper place through the grate which is admitted in and through the space E, through the register F, or doors as desired.

Having thus described the nature of my invention, what I claim therein as new and desire to secure by Letters Patent, is—

The manner herein described of arranging and combining the fire grate of cook stoves, with the front fire plate A, and curve plate C, so that it shall retain its proper position for retaining the fuel in the chamber by its own weight, and shall be raised for removing coals and ashes substantially in the manner and for the purpose herein described and represented.

JOHN T. DAVY.

Witnesses:

E. BELL,
E. L. BRUNDAGE.