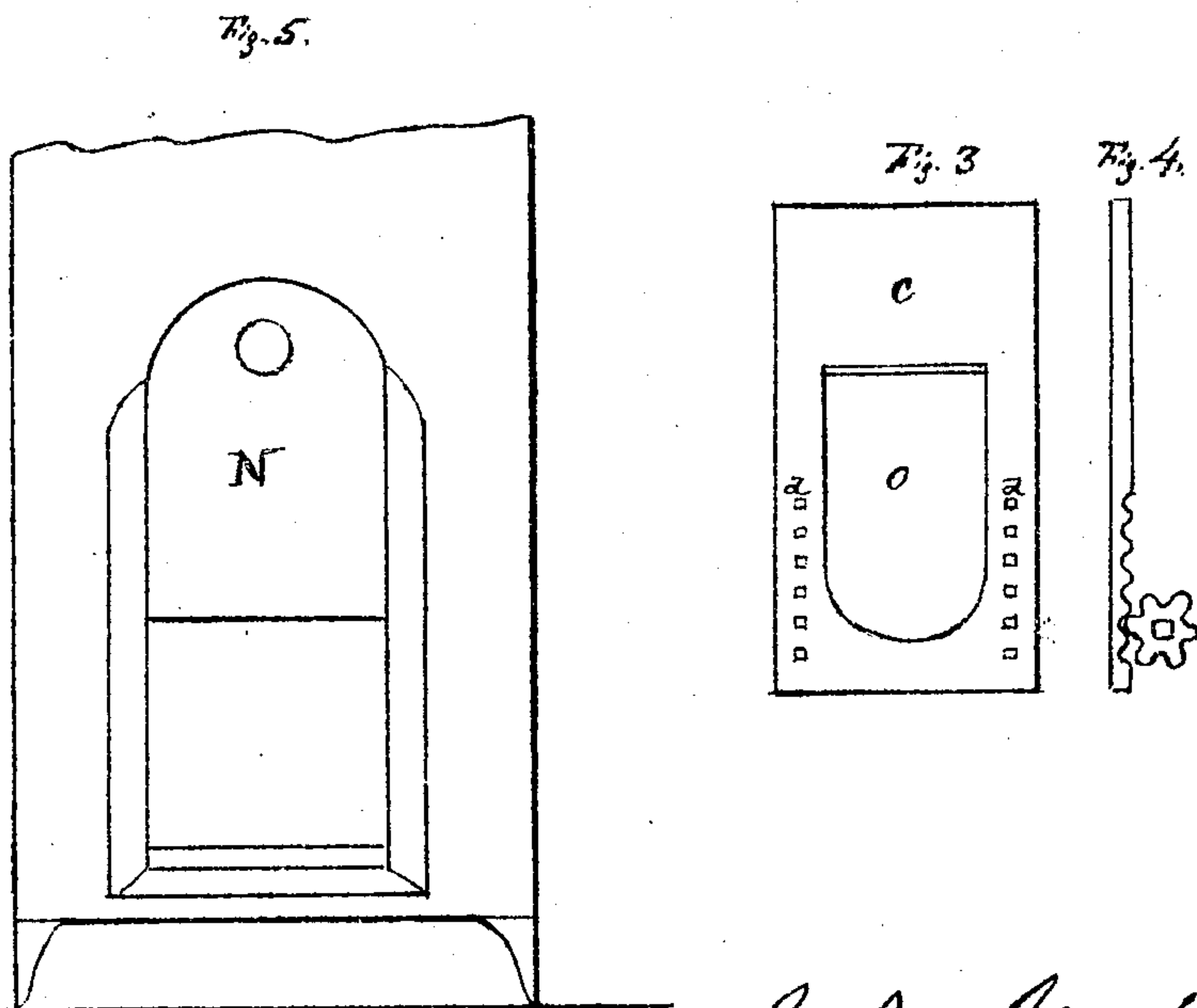
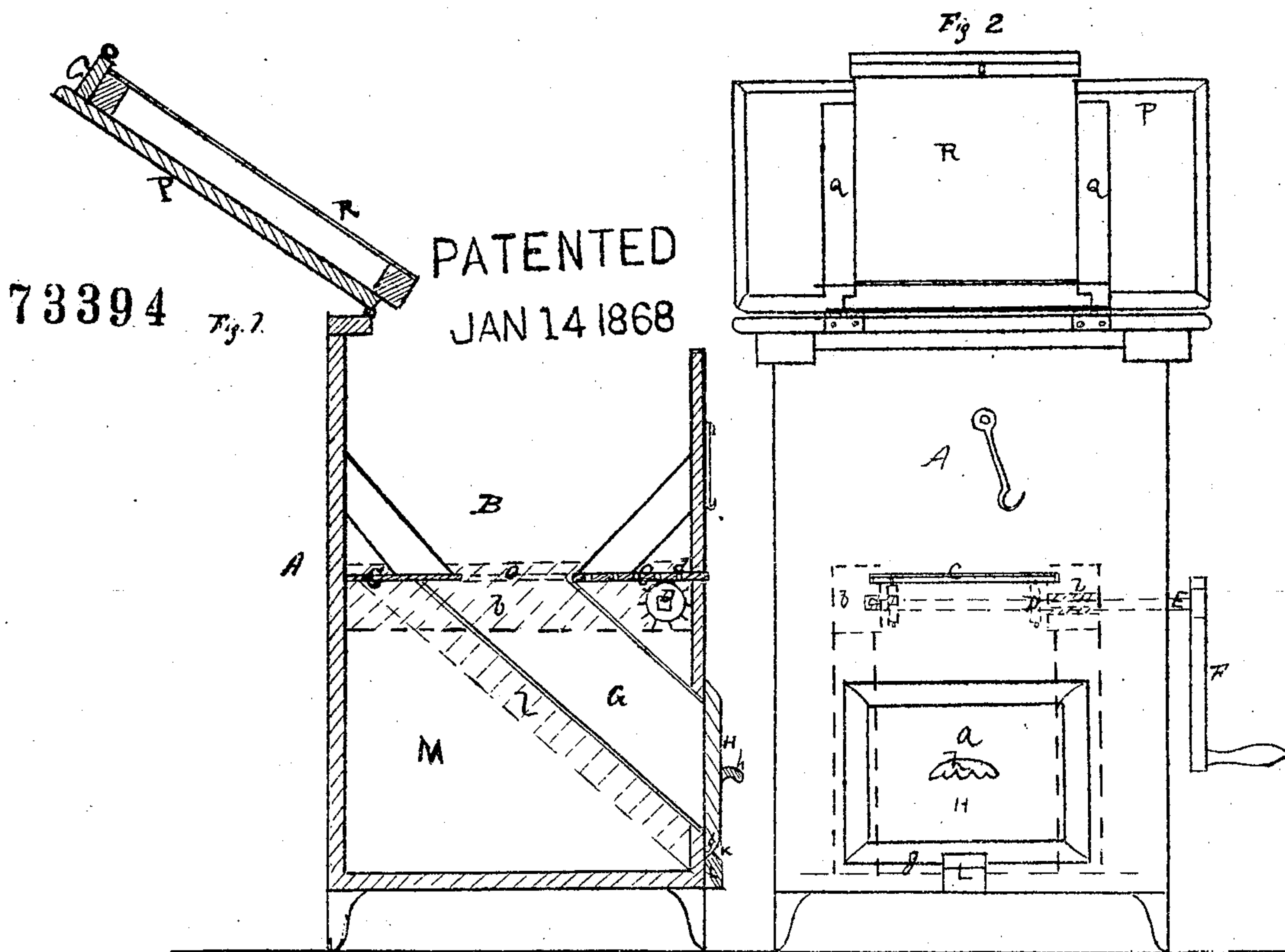


S. A. SIMISON.

COAL-BOX.



Jas. R. Hayden  
J. B. Fitching  
Witnesses.

S. A. Simison  
Inventor

# United States Patent Office.

S. A. SIMISON, OF EARLVILLE, ILLINOIS, ASSIGNOR TO HIMSELF AND  
BOYD D. SIMISON, OF SAME PLACE.

*Letters Patent No. 73,394, dated January 14, 1868.*

## COAL-BOXES.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, S. A. SIMISON, of Earlville, in the county of La Salle, and State of Illinois, have invented new and useful Improvements in "Coal-Boxes;" and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 represents a vertical section.

Figure 2, a front elevation with the cover raised.

Figures 3 and 4, views of the slide detached, and

Figure 5 is an elevation of one of the sides, showing the door to the space under the scuttle.

The nature of my invention consists in providing a combination coal-box for family use, stores, offices, &c., so arranged that it is provided with a hopper to contain coal, and a slide worked by a proper gear, to admit said coal into or to shut it off the scuttle, placed below the said hopper, and so arranged that it can easily be taken out of the box to be emptied into the stove or to be replaced in the box. It consists also in a drawer placed in the cover of the box, for purposes hereafter explained.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

A is the box; B, the hopper to contain coal; C, the slide worked in the grooves of the cross-pieces *b b*, and provided with an opening, O, to admit coal into scuttle, as also with openings, *d d*, for the ratchet-wheels D D, set firmly on the shaft E, to gear in and move the slide. The shaft E is journaled to the cross-pieces *b b*, and is worked by a crank-handle, F. G is a scuttle, made of sheet metal, with wooden or metallic front, H, provided with a gripe-handle, *h*, and a rim, *g*, which rim fits into the groove K of the knob L, secured to the front of the box A. The scuttle slides in the grooves of the slanting braces, *l l*, of the box, and, by means of said rim *g* and groove K, is secured in its place. To have admittance into the space M under the hopper B, and the scuttle G in the box, reserved for kindling-wood and other objects, one side of the box A is provided with a sliding door, N. The cover P of the box is provided underneath with two grooved cross-pieces, Q Q, in which slides drawer R, provided with metallic bottom, or otherwise constructed, and intended to store griddles or other articles which it is desirable to keep aside when not used, and to prevent tables or floor from being soiled by them.

The operation consists in that the hopper of the box is filled with coal, and the scuttle is filled also. When it is desirable to take a scuttle full of coal out of the box, the slide C is moved out, and the communication between the hopper and the scuttle is shut off. The scuttle then is taken out, its contents emptied, and, when ready, it is replaced in the box, and the slide put in its place also, which establishes communication again between the hopper and the scuttle, and the last is filled with coal again and ready for use.

It is obvious that in place of the openings *d d* in the slide, racks may be used also.

The box may be arranged in different ways, as a piece of furniture to be used in kitchen and rooms, or made roughly for stores and offices, and be placed in halls or closets, and the wall or partition may serve as a front side for the box, with an opening made for the scuttle.

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

The hopper B and drawer R, in combination with slide C and scuttle G, the last two constructed and operating substantially by means as described, or other equivalent means, and the whole arranged substantially as described, forming a coal-box of any desirable shape and size, for purposes herein set forth and specified.

Witnesses:

J. B. TURCHING,  
JAS. R. HAYDEN.

S. A. SIMISON,