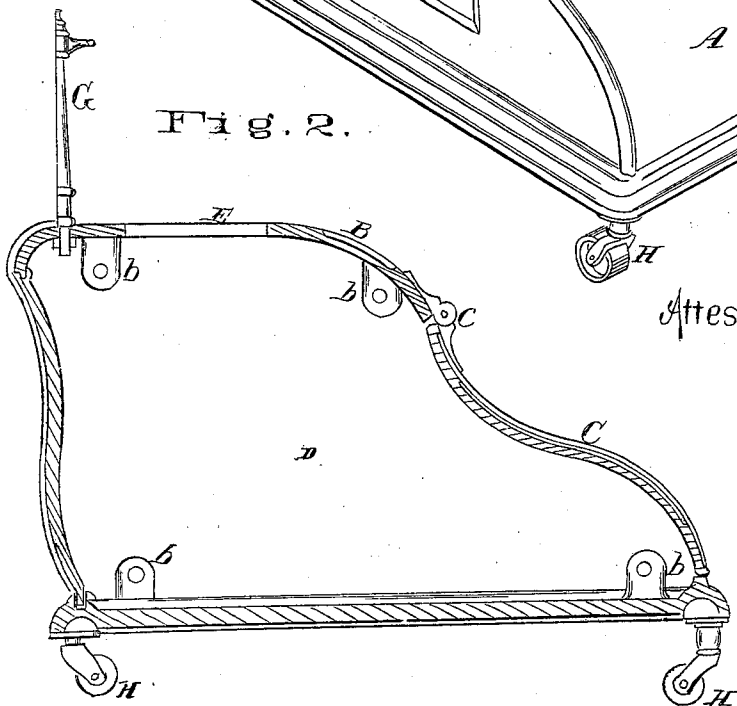
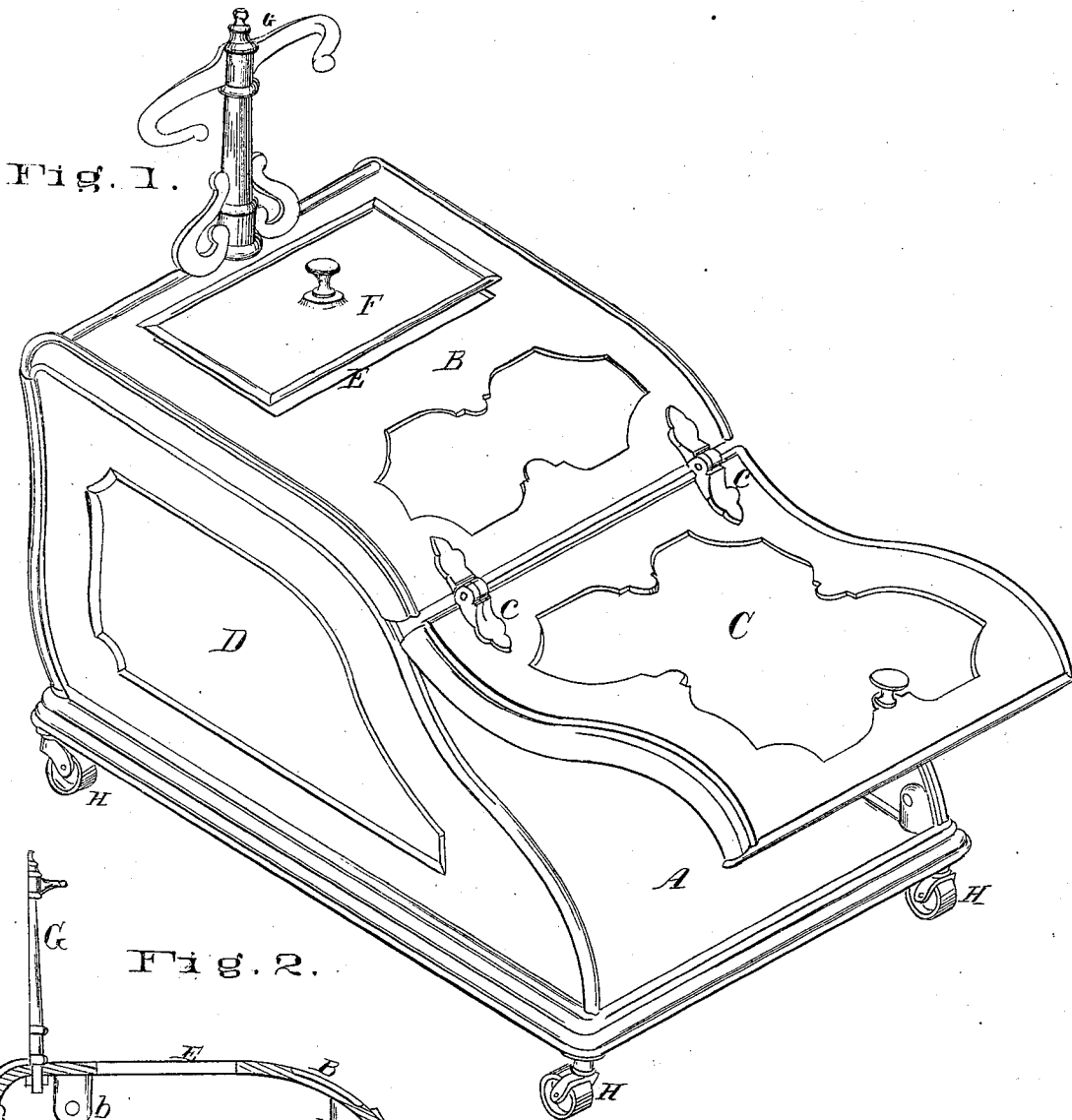


C. Hoeflinghoff,
Coal Box

No. 92,447.

Patented July 13. 1869.



Attest
Christ Blum
W. Wood

Inventor
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United States Patent Office.

CHARLES HOEFINGHOFF, OF CINCINNATI, OHIO, ASSIGNOR TO HIMSELF, CHARLES C. WINCHELL, AND JOHN T. SARGENT, OF SAME PLACE.

Letters Patent No. 92,447, dated July 13, 1869.

IMPROVED COAL-BOX.

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, CHARLES HOEFINGHOFF, of Cincinnati, Hamilton county, State of Ohio, have invented a new and useful Improvement in Coal-Boxes; and I do hereby declare the following to be a sufficiently full, clear, and exact description thereof, to enable one skilled in the art to which my invention appertains, to make and use it, reference being had to the accompanying drawings, making part of this specification.

The object of my invention is to produce a close cast-iron coal-box, for household or office-use, and combine with it a rack or stand, for holding the fire-irons, and to make the same a cheap, durable, convenient, as well as ornamental device for holding coal or other fuel.

The box is made of cast-iron, to give it sufficient strength, and at the same time render it more durable than those made of wood or sheet-iron, as now in common use, and it presents a smooth, durable surface for ornamental painting and finishing.

In the accompanying drawings—

Figure 1 is a perspective view of the box and rack.

Figure 2 is a longitudinal section of the same.

I prefer to cast the box in sections, as follows:

A is the bottom plate, cast with a groove, *a*, of sufficient width to receive the bevelled edges of the sides and back, forming a joint similar to the devices in common use for making stoves.

Just inside of the groove, at each of the four corners, is cast an ear or lug, *b*, to which the respective sides and back are firmly riveted.

The top section B is cast with similar devices, for the jointing of the sides and back to the top plate. The relative parts of the box are thereby supported, and sustained in their proper positions.

C is the front lid or cover, hinged at *c c* to section B. It is of convexo-concave shape, the sides D of the box corresponding in shape.

The edges of the sides D are bevelled, and the outer edges of the cover overlap with a corresponding deflection, forming a close joint.

An opening, E, is provided in the section B, for the reception of the coal.

This is fitted with a lid, F.

The rack or stand G for the fire-irons may be attached to the centre of the rear end of the plate or section B, by a shouldered tenon, passing through a hole in the plate B, and secured by a nut or pin, or by riveting.

To each corner of the bottom of the box, casters H are attached, the front two of which should be taller than those in the rear end, so as to incline the box backward.

When it is desired to fill the box, the lid F is removed, and the coal thrown in at the back of the box, the inclination of the bottom preventing any undue tendency in the coal to roll forward.

When coal is desired to be removed, the lid C is raised and thrown back; where, owing to the conformation of the box, it will remain until closed by hand.

The top, sides, and bottom of the box can be cast in one piece, if desired, and the shape and size of the box can be variously modified.

The lids C and F may be made of sheet-iron.

The body of the bottom A should be sunk lower than the edges, to hold the water or moisture in the fuel.

I claim herein as new, and of my invention—

1. A cast-iron coal-box, A B D, with lid F and hinged cover C, for admitting and removing the coal, substantially as shown.

2. The combination of the rack or stand G with the coal-box, either with or without casters, substantially as shown and described.

In testimony of which invention, I hereunto set my hand.

CHAS. HOEFINGHOFF.

Witnesses:

CHRIST. BLÄSI,

E. E. WOOD.