

J. S. BROOKS.
COAL-HODS.

No. 179,512.

Patented July 4, 1876.

Fig. 1.

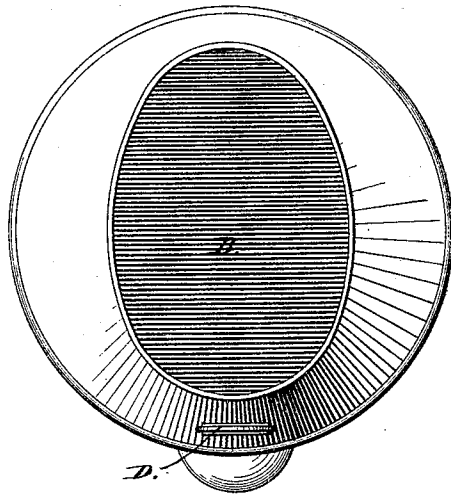
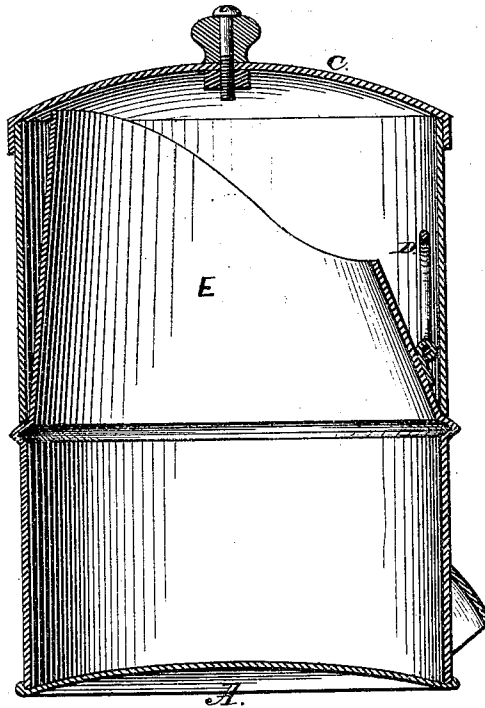


Fig. 2.



Attest:

W. W. Wadsworth

Inventor:

John S. Brooks

UNITED STATES PATENT OFFICE.

JOHN S. BROOKS, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN COAL-HODS.

Specification forming part of Letters Patent No. **179,512**, dated July 4, 1876; application filed February 17, 1876.

To all whom it may concern:

Be it known that I, JOHN S. BROOKS, of No. 809 Sackett street, Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Coal-Hods, which improvement is fully set forth in the following specification, reference being had to the accompanying drawing.

Figure 1 is a top view. Fig. 2 is a central section.

My improved coal-hod is made in cylindrical form, with a round concave bottom, A, which is really a bottom and hoop or rim combined; and the body has perpendicular sides up to about one-half its height, and from that point it is contracted to a suitable size for a mouth, and formed to an elliptical shape, as shown at B, for the double purpose of making it narrow at the lip for feeding coal into stove doors or feeders, and wide in the cross direction to facilitate filling the hod with a good sized shovel. The cover C is a cylinder of the diameter of the lower section and the depth of the upper one, open at its bottom, and provided with a knob or handles to raise it on or off the hod, and when on it rests on the flange formed by joining the two sections of the hod together. It should be decorated in any desired way, as also should the lower section of the hod, each to correspond in finish. The upper section of the hod, which is exposed to the most of the wear and marring by the ordinary use, should be painted to correspond with the inside, unless galvanized iron or copper is used. The cover is essential to keep the coal from sight, and give symmetry to the shape.

For the use of cooking-stoves, and when a very plain and cheap article is wanted, the hod may be formed of a single piece in the body tapering from the bottom to top. The cover, if any should be required for these, may rest on the floor or flange of the bottom.

One of the most important points of my invention is the attachment of the handle or bail D

to the back side of the hod a little below the top of the upper section, so that upon lifting it up to a grate or stove-door the mouth is automatically inclined to the proper position for discharging, and the lower handle on the back is brought to a point where it can be much more easily reached than it could if the bail were attached to the center and the hod kept a perpendicular position.

Tapering hods have been made which are permanently kept in a nearly horizontal position; but they require feet and a separate opening for feeding in or filling, and are not so compact or easily covered.

There is at present a reviving demand for Franklin or open stoves, and with it comes a demand for a coal-hod which may be kept near the fire, and not subject to the objections in looks of the ordinary hod, nor so inconvenient to obtain supply from as the coal-vase, which is not made to pour from direct to the fire.

It is believed that this improvement, while being one of the very best tunnel-hods for self-feeding stoves, and equally good for cooking-stoves, will find an extensive use with that class of people who desire a neat and moderate-priced article combining beauty with utility.

I claim—

1. In a coal-hod, the combination of the swinging handle or bail D, located substantially as shown, so that it will incline the hod when it is lifted up thereby, and the fixed handle E for emptying.

2. The cone-shaped top E, having oval mouth B, swinging bail D, so placed that it inclines the hod for emptying when lifted up by it, and the fixed handle near the bottom, all arranged as shown, and for the purpose specified.

JOHN S. BROOKS.

Witnesses:

J. A. COLEY,
W. W. WADSWORTH.