

H. S. REYNOLDS.

COAL HODS.

No. 179,607.

Patented July 4, 1876.

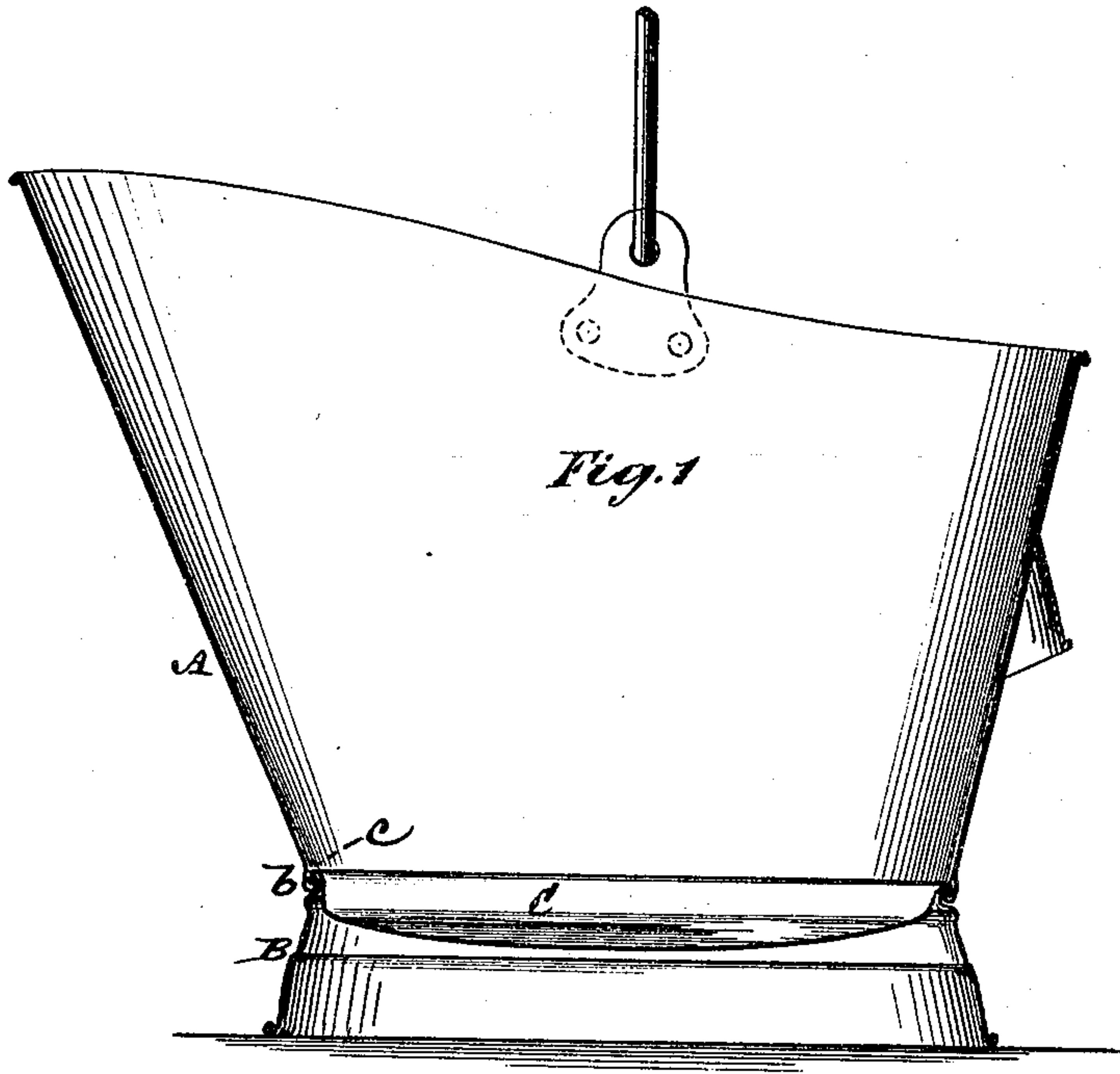
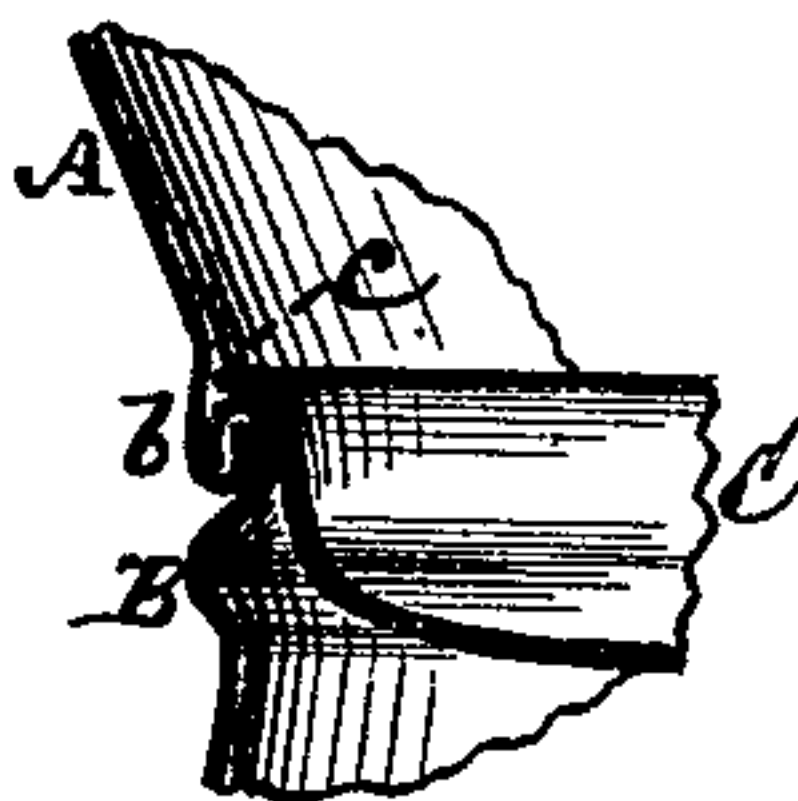


Fig. 2



Witnesses:

Michael Ryan
Thos. Haynes

Henry Reynolds
by his Attorneys
Brown & Allen

UNITED STATES PATENT OFFICE.

HENRY S. REYNOLDS, OF GREEN POINT, ASSIGNOR TO ELIPHALET W. BLISS,
OF BROOKLYN, NEW YORK.

IMPROVEMENT IN COAL-HODS.

Specification forming part of Letters Patent No. **179,607**, dated July 4, 1876; application filed
May 13, 1876.

To all whom it may concern:

Be it known that I, HENRY S. REYNOLDS, of Green Point, Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Coal-Hods; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, which forms part of this specification.

This invention consists in a novel construction and attachment of the bottom of the hod with the body and rim or base thereof, whereby the bottom may be dropped to its place from the top of the hod, and is securely held to its place therein, and increased strength given to the hod generally at the junction of its body, bottom, and lower rim or curtain-base.

Figure 1 represents a sectional elevation of a coal-hod, constructed in accordance with my invention; and Fig. 2, a sectional view upon a large scale, to illustrate more clearly the fit of the body, lower rim, and the bottom of the hod together.

The body A of the hod, and its lower rim or curtain-base B are united with each other by a lap-folded joint, *b*, the upper edge of the base being bent over and outward to enter within the lower edge of the body, which edge is bent upward and inward, so that said body

and base, when fitted together, are securely locked. The bottom C, which is of a hollow or dish-shaped construction, has its upper edge *c* made to curve outwardly, and is of such diameter across its top that it will rest snugly on and within the lap-folded joint *b* of the body and base. Said body may accordingly be fitted to its place by dropping it into the hod from above, and be securely held in position by the process of galvanizing the hod without extra soldering, or when the hod is not galvanized said bottom may be fastened in position by rivets passed through it, and through the body and rim of the hod.

A coal-hod thus constructed possesses great strength, the weight of the coal resting both on the body and the bottom in such a manner as to add to the strength of the hod, and the bottom is effectually prevented from coming apart.

I claim—

The dish-shaped bottom C, made with a flaring upper edge, *c*, in combination with the folded lap-joint *b*, uniting the body A and rim B of the hod, substantially as shown and described.

HENRY S. REYNOLDS.

Witnesses:

MICHAEL RYAN,
FRED. HAYNES.