

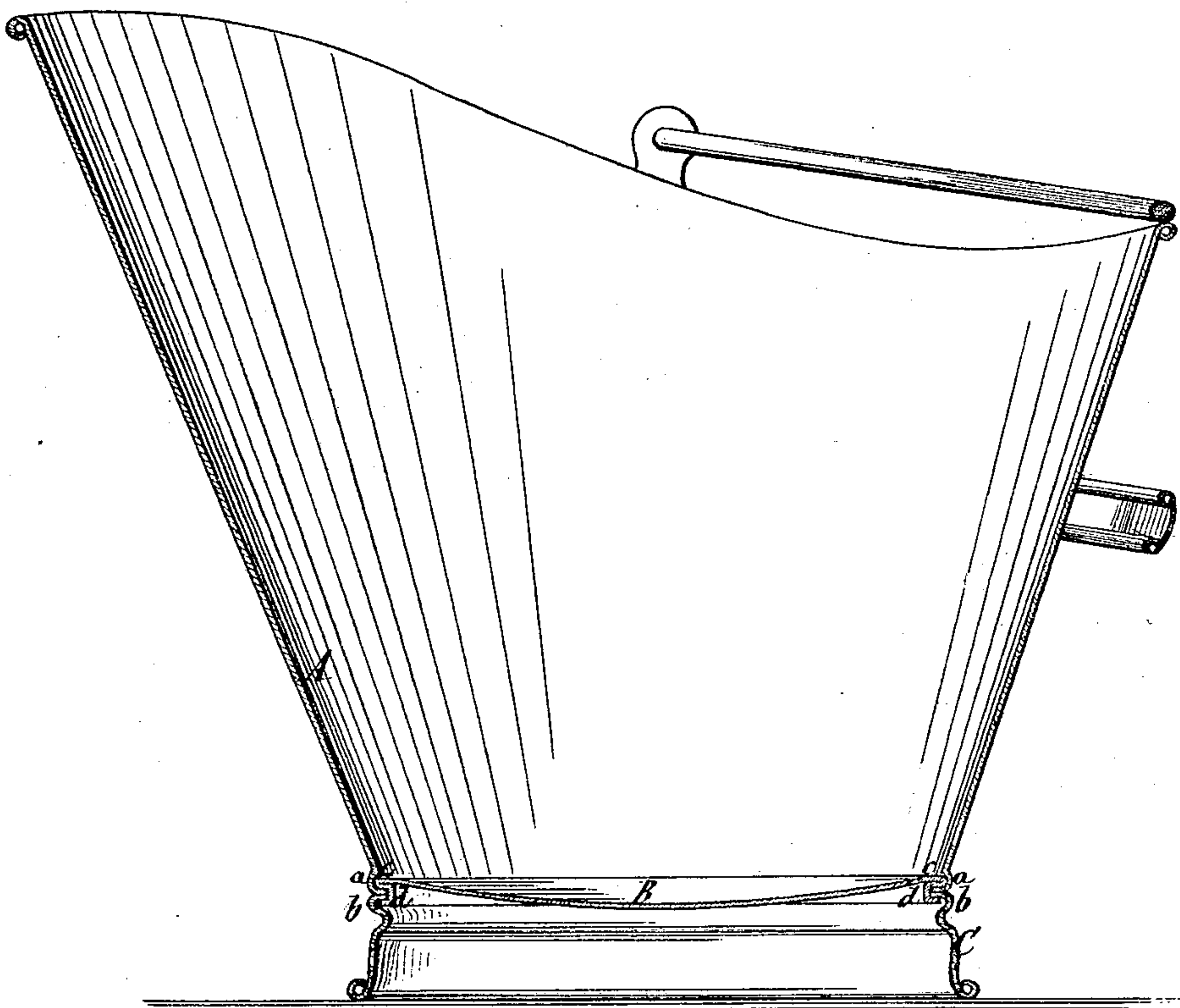
H. S. REYNOLDS.

Coal Scuttle.

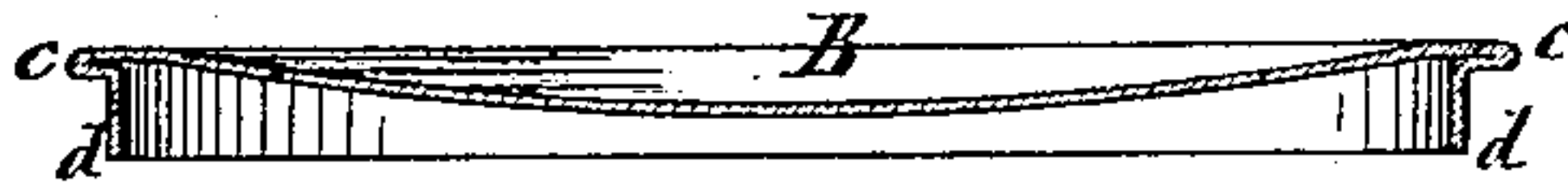
No. 104,885.

Patented June 28, 1870.

*Fig: 1.*



*Fig: 2.*



*Witnesses.*

*C. Wahlers*  
*E. F. Kastenhuber*

*Inventor.*

*H. S. Reynolds.*  
*By Van Dantwoord & Stauff*  
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# United States Patent Office.

HENRY S. REYNOLDS, OF NEW YORK, N. Y.

Letters Patent No. 104,885, dated June 28, 1870.

## IMPROVEMENT IN COAL-SCUTTLES.

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, HENRY S. REYNOLDS, of the city, county, and State of New York, have invented a new and useful Improvement in Coal-scuttles, Buckets, and other vessels; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which drawing—

Figure 1 represents a vertical section of this invention.

Figure 2 is a detached section of the bottom.

Similar letters indicate corresponding parts.

This invention relates to a coal-scuttle, the bottom of which is stamped up of sheet-metal with an outwardly projecting rim, and downwardly projecting flange, while the body of the scuttle and the base-rim are both provided with internal recesses, formed by rising beads near their adjoining edges, in such a manner that the recess of the body is capable of retaining the rim of the bottom, while the flange of said bottom forms the guide for the base-rim, and serves to join the same firmly to the body by hammering its edge over into the recess of said base-rim, thereby producing a firm and durable connection between the several parts of the scuttle, without the use of solder or of rivets.

In the drawing, the letter A designates the body of my coal-scuttle, B is the bottom, and C is the base-rim. All these parts are made of sheet-iron, or any other suitable sheet-metal, and in the body A is produced a recess, *a*, near its bottom edge, while the base-rim C has a similar recess, *b*, near its top edge (see fig. 1) said recesses being formed by producing outwardly projecting beads at the proper places.

The bottom B is stamped up, or otherwise produced out of sheet-metal, and it is provided with a rim, *c*, and a downwardly projecting flange, *d*, best seen in fig. 2.

The rim *c* is intended to catch in the recess *a* of the body A, while the flange *d* forms a guide for the base-rim, and serves to unite the body and the base-rim firmly together. This object is effected by adjusting the base-rim over the flange of the bottom, and then hammering the edge of said flange outward into the recess *b* of the base-rim, as shown in fig. 1.

By these means a coal-scuttle is obtained which can be made light and comparatively cheap, and which is very durable, since the joint between the several parts of the scuttle is produced without solder or rivet, and, furthermore, said joint is composed of five thicknesses of metal, so that it is not liable to give out.

It is obvious that this improvement is applicable to sheet-metal vessels of various kinds.

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

1. A bottom for a sheet-metal vessel, said bottom being struck up and provided with a resting-rim, *c*, and a confining-flange, *d*, substantially as described, as a new article of manufacture.

2. The combination of the recessed body A, and recessed base-rim C, with the rim *c* and flange *d* of the bottom B, substantially in the manner herein set forth.

This specification signed by me this 26th day of January, 1870

HENRY S. REYNOLDS.

Witnesses:

W. HUFF,

E. F. KASTENHUBER.