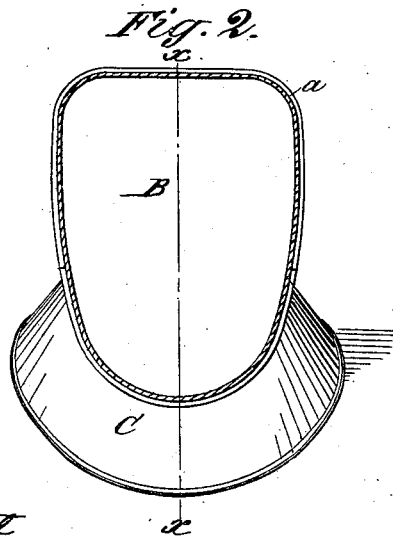
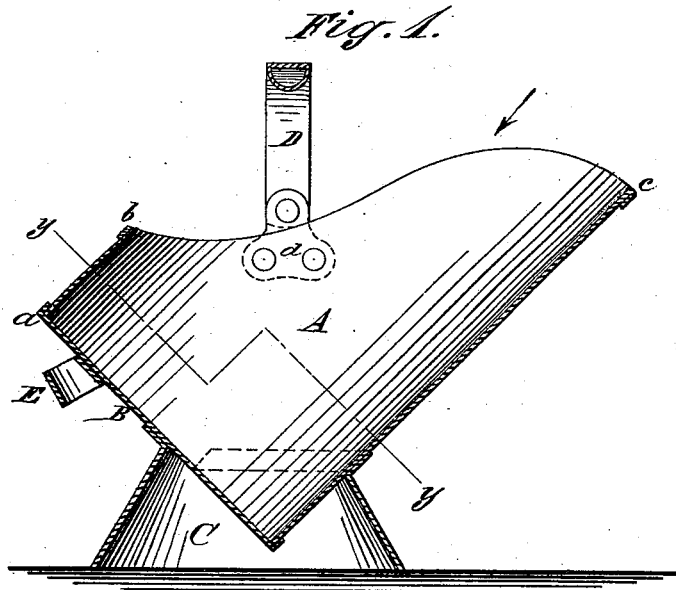


W. RICHARDS.

COAL-SCUTTLE.

No. 187,315.

Patented Feb. 13, 1877.



WITNESSES:

H. Rydquist
J. A. Scarborough

INVENTOR:

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BY

Munn & Co.

ATTORNEYS.

UNITED STATES PATENT OFFICE.

WILLIAM RICHARDS, OF WOODHULL, ILLINOIS.

IMPROVEMENT IN COAL-SCUTTLES.

Specification forming part of Letters Patent No. **187,315**, dated February 13, 1877; application filed December 30, 1876.

To all whom it may concern:

Be it known that I, WILLIAM RICHARDS, of Woodhull, in the county of Henry and State of Illinois, have invented a new and Improved Coal-Scuttle, of which the following is a specification:

Figure 1 is a longitudinal section on line *x x* in Fig. 2. Fig. 2 is a transverse section on line *y y* in Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention relates to scuttles for handling coal for filling stoves; and it consists of a scoop or body of peculiar form, set angularly in a base-piece or hoop, the object being to provide a scuttle which may be easily manufactured, convenient in use, and elegant in appearance.

In the drawing, A is the body of the scuttle, which is a transverse section, an oval, having its larger end uppermost, and flattened at *a*.

The head B is attached to the body by seaming, in the usual manner, and the body is set angularly into a suitably-shaped hoop or base-piece, C, in such a manner that the center of gravity of the loaded scuttle is nearly over the center of the base-piece or hoop. The hoop C is attached to the body by means of rivets, or in any other convenient manner.

The mouth of the scuttle is cut away on the curved line *b c*, and an ordinary bail-handle, D, is riveted to ears *d*, attached to the sides of the scuttle at a point where it will balance.

E is a handle attached to the head B, for tipping the scuttle when it is emptied of its contents.

The body of the coal lies in the upper portion of the scuttle, and when the scuttle is raised to discharge its contents the coal readily flows toward the lower side of the scuttle without spilling. The form of the scuttle renders it unnecessary to raise it as high or to tip it as much as the ordinary scuttles to cause the coal to run from it into the stove.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A coal-scuttle formed of a short cylinder, having rear head B, being cut away at the mouth on the curve *a b*, and being set in the base C at an angle of forty-five degrees to a horizontal plane, as shown and described.

WILLIAM RICHARDS.

Witnesses:

T. F. BELL,
ALEXANDER MUNRO.