J. PFEIFER.

Coal Scuttle.

No. 61,356. Patented Jan. 22, 1867

Fig. 2

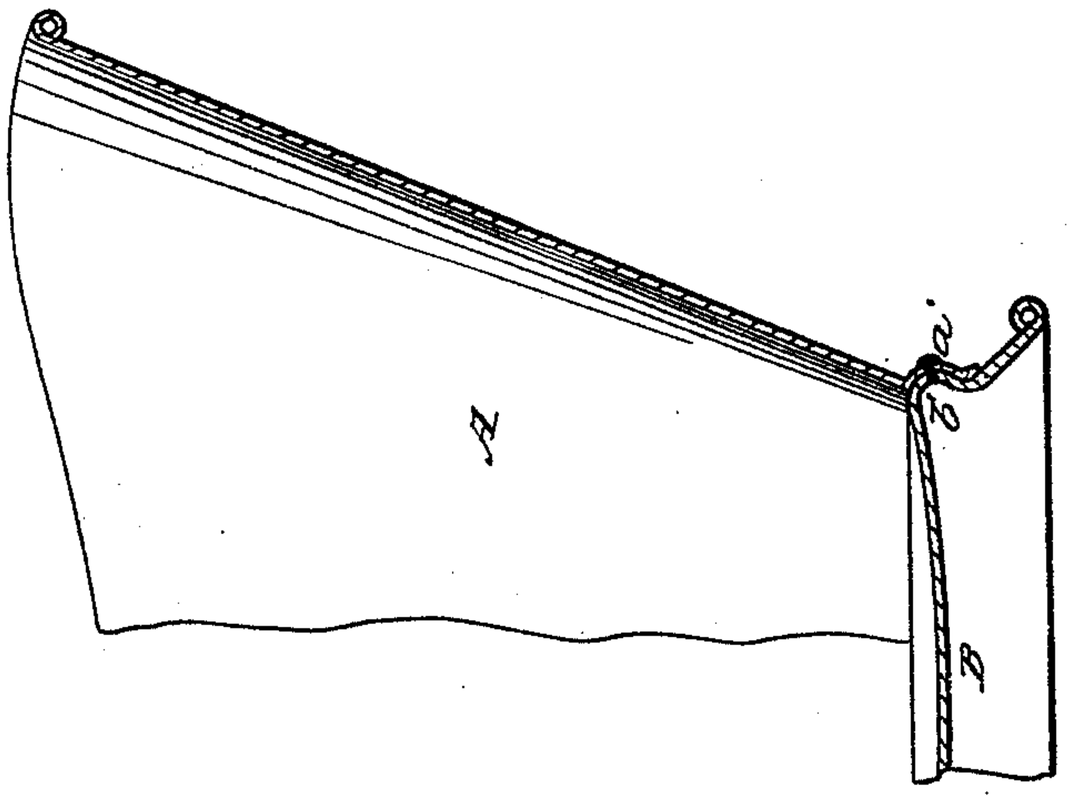
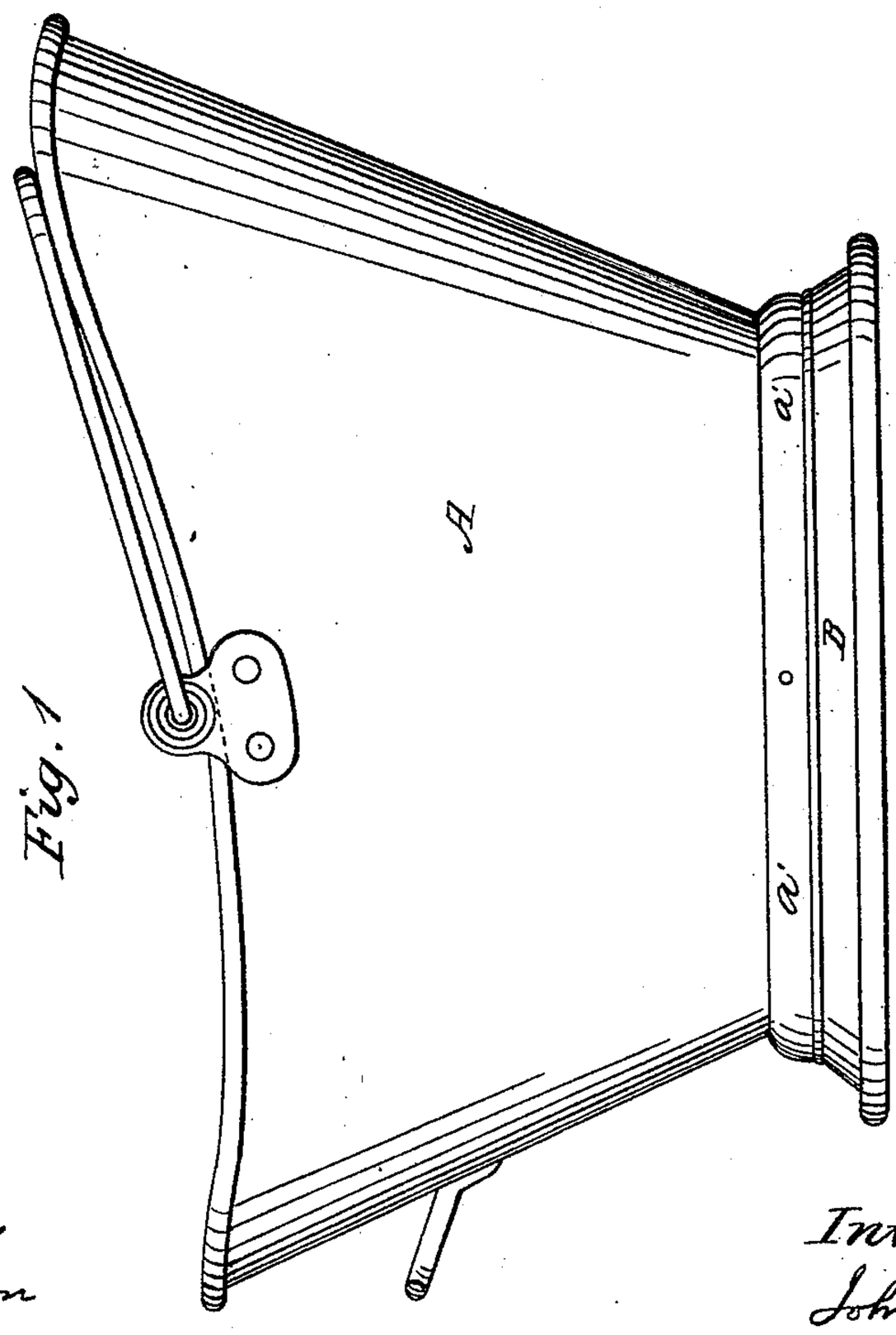


Fig. 1



Witnesses:
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United States Patent Office.

JOHN PFEIFER, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 61,356, *dated January* 22, 1867.

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, JOHN PFEIFER, of the city of Philadelphia, in the State of Pennsylvania, have invented a new and useful Improvement in the Manufacture of 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 drawings, making a part of this specification, in which—

Figure 1 is a side elevation of the improved coal hod; and

Figure 2, a vertical section of part of the same.

Like letters of reference indicating the same parts when in both figures.

My invention particularly relates to the manufacture of those coal hods which have their bottoms "stamped up" in a single piece of sheet metal, as patented to Thompson, Smith, and Jennings on the 20th day of March, 1866, and afterwards assigned to me.

In the manufacture of the said hods in accordance with their specification, it is found to be impracticable, without too much cost of time and labor, to make a sufficiently close-fitting joint between the said bottom and the body of the hod, and the object of my improvement is to remedy this defect.

My invention consists in running a concavo-convex bead around the hod at the part of the same where the said bottom and body overlap each other, substantially as hereinafter described and set forth.

In the drawings, A is the body of the hod, and B the bottom of the same. The body A is flanged or flared outward at its lower edge, and the bottom B "stamped up," slipped within the flared part of the body A, and then riveted fast by four rivets, substantially as described and set forth in their specification. In this condition the joint is not close, and can be seen through on holding the bottom of the hod up between one's eyes and the light; and, in order to produce a perfectly close joint between the lapping parts of the body A and the bottom B, I make the concavo-convex bead, *a' b'*, by means of the well-known "beading machine," around the hod, just below the point or line where the flange starts from the body A, thus compressing the two lapping parts together, and producing a perfectly closed and uniform joint between them around the hod, as shown in the drawings. When a hod thus manufactured is painted or japanned in the usual manner, it will be water-tight, which is a condition required in all coal hods.

Having thus fully described my improvement, what I claim as new of my invention, and desire to secure by Letters Patent, is—

Producing a close joint between the body A and bottom B of the said coal hod by means of the concavo-convex bead *a' b'*, substantially as and for the purpose described.

JOHN PFEIFER.

Witnesses:

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