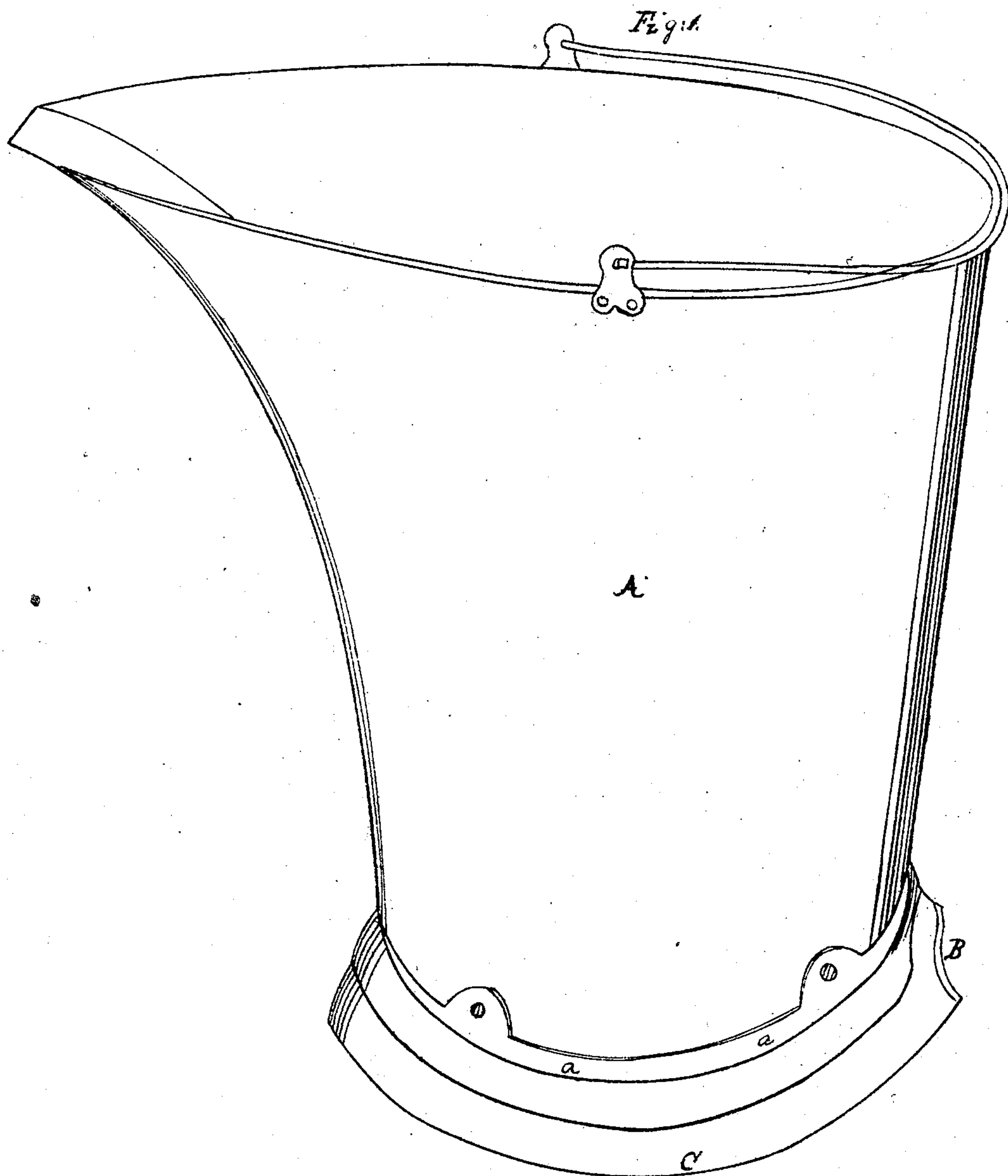


E. W. Kimball.

Bottom for Coal-Hod

Nº 73535

Patented Jan. 21, 1868.



Witnesses-

Alex S Rowley
 Jos D Fuller

Inventor.

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Fig. 2

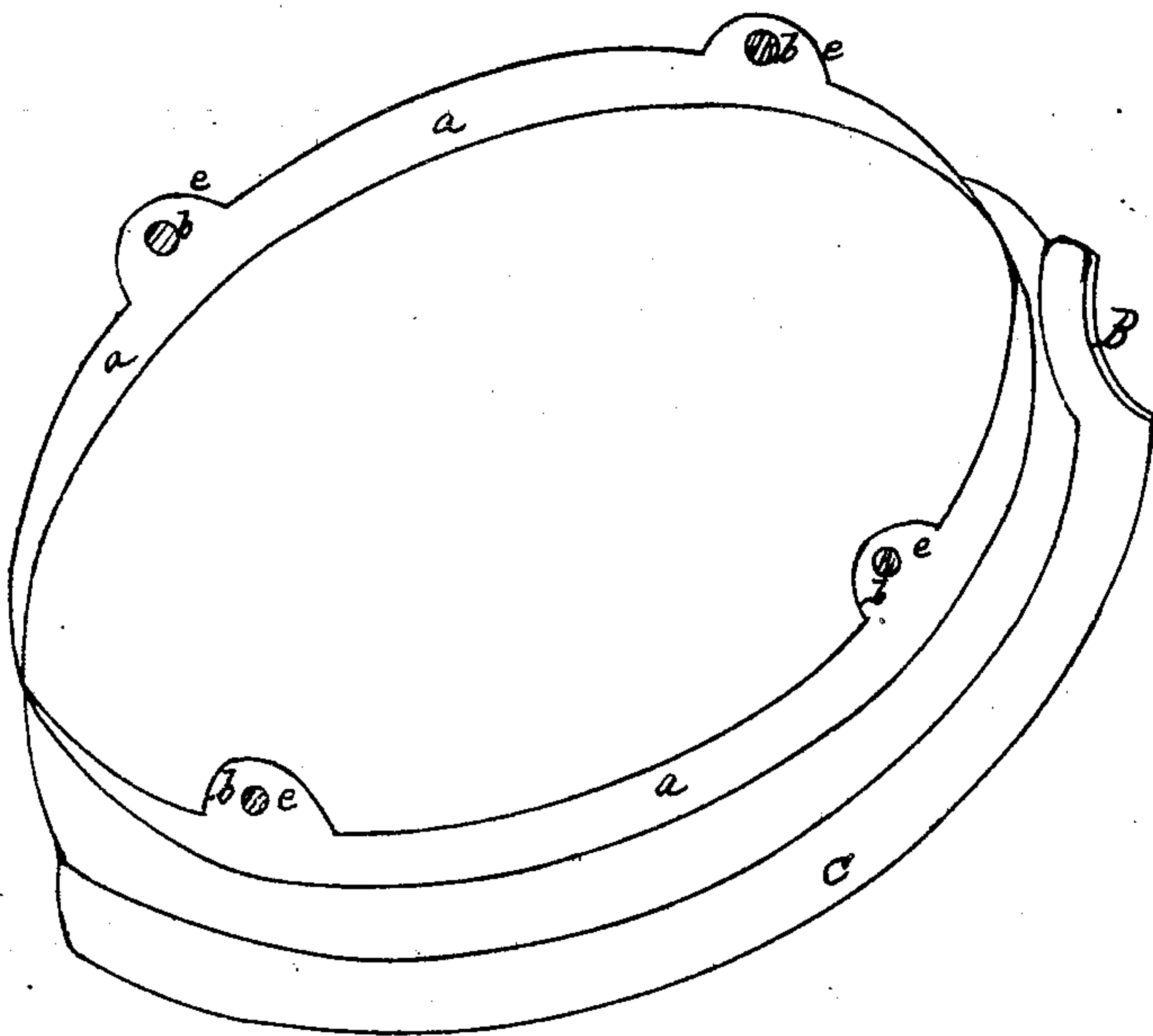
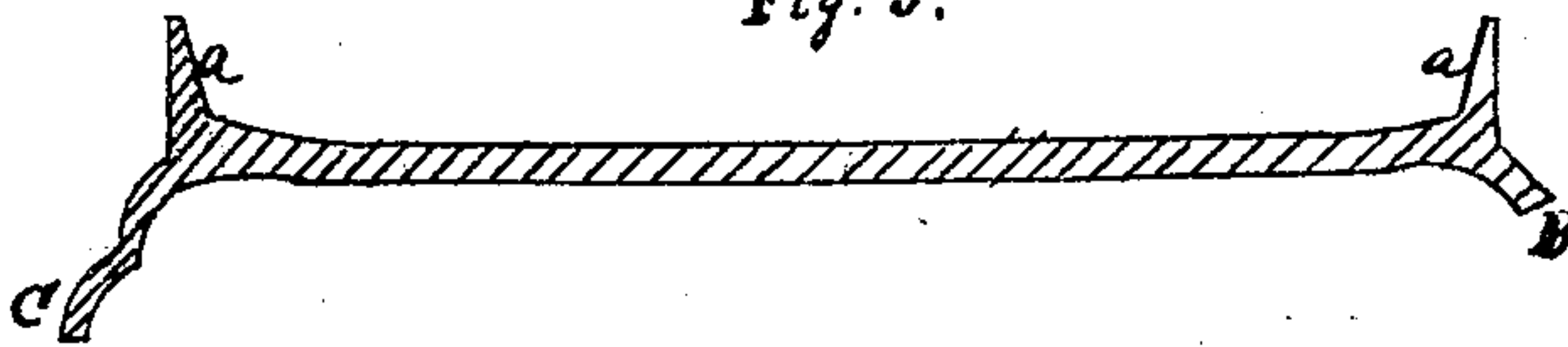


Fig. 3.



Witnesses.

Alex. S. Parvley
Jos. D. Fuller.

Inventor.

E. W. Kimball

United States Patent Office.

ELIAS W. KIMBALL, OF HUDSON, NEW YORK.

Letters Patent No. 73,535, dated January 21, 1868.

IMPROVEMENT IN BOTTOMS FOR COAL-HODS.

The Schedule referred to in these Letters Patent and making part of the same.

Be it known that I, ELIAS W. KIMBALL, of the city of Hudson, in the county of Columbia, and State of New York, have invented a new and improved Mode of Constructing Coal-Scuttles or Hods; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a perspective view.

Figure 2, a perspective view of the cast-iron bottom detached.

Figure 3, a transverse section of the said bottom.

The nature of my invention consists in attaching to the body of a coal-scuttle or hod, by ears or other suitable means, a cast-iron bottom, said bottom being cast with a lower rim or base, having a hand-recess therein, which serves as a handle, and enables me to dispense with the handle now in use, and which is attached to the rear portion of the scuttle.

I construct my coal-hod or scuttle in the usual form, (see fig. 1,) employing a cast-iron bottom for the same, (see fig. 2,) which has a raised rim or flanch, *a a a*, provided with perforated ears or lugs, *e e e*, more or less numerous, by which it is attached with screws or rivets, *b b b*, to the sheet-iron, zinc, or other metallic top, A. The arched recess, B, cut out of the lower edge of the rim C of the cast-iron bottom, serves as a handle to tip the scuttle as in discharging the coal from it. The metal of which the top is formed is made to fit closely inside of the raised rim or flanch *a a a*, and riveted or screwed firmly to it through the ears or lugs *e e e*, so that no dust nor dirt can escape under it.

I am aware that a cast-iron bottom has been used for coal-hods or scuttles, but without a raised rim and ears outside the sheet-iron or other metallic top, and without the lower rim C and hand-recess B; this lower rim being of the same metal as the top, and riveted or otherwise attached separately to the bottom, adding much to the labor and expense of their manufacture. The hand-recess B is also a saving of the making and riveting on of the sheet-iron handle usually attached to the rear part of the scuttle for tipping or emptying it.

The advantages of my mode of constructing coal-scuttles are not only apparent in the use of them, but are a great consideration to the manufacturer, in the facility and economy of their construction, as well as their increased durability.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

A cast-iron bottom for coal-scuttles or hods, when the same is cast with a lower rim or base, C, having a hand-recess, B, and is also provided with suitable means of attachment to the body of the scuttle or hod, substantially as described.

E. W. KIMBALL.

Witnesses:

ALEX. S. ROWLEY,

JOS. D. FULLER.