

F. G. & W. F. NEIDRINGHAUS.
Coal Scuttle.

No. 83,301.

Patented Oct. 20, 1868.

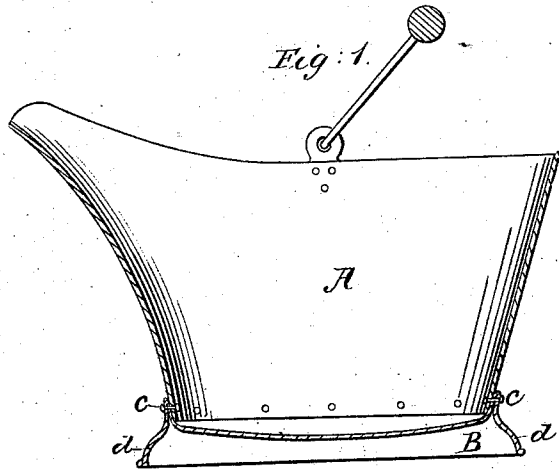
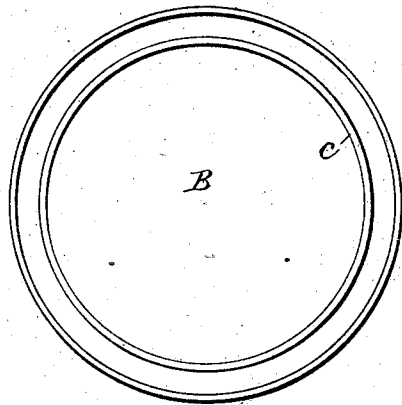


Fig. 2.



Witnesses :

Sam'l. S. Boyd -
Henry J. Casteel.

Inventors.

F. G. Neidringhaus
W. F. Neidringhaus.

United States Patent Office.

FREDERICK G. NIEDRINGHAUS AND WILLIAM F. NIEDRINGHAUS,
OF ST. LOUIS, MISSOURI.

Letters Patent No. 83,301, dated October 20, 1868.

IMPROVEMENT IN COAL-HODS.

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

To all whom it may concern:

Be it known that we, FREDERICK G. NIEDRINGHAUS and WILLIAM F. NIEDRINGHAUS, of St. Louis, in the county of St. Louis, and State of Missouri, have invented a new and useful Improved Coal-Hod Bottom, of which the following is a full, clear, and exact description, reference being had to the annexed drawing, making a part of this specification, in which—

Figure 1 represents a section of a hod, and our invention, also in section.

Figure 2 represents a top view of our invention.

Similar letters indicate like parts.

Our invention consists in the production of an improved bottom for a coal-hod, stamped up out of a single piece of metal, having an upwardly-projecting flange, of sufficient height to receive and embrace the bottom edge of the side piece of the hod.

In the accompanying drawings—

A, fig. 1, represents the side piece or body of a coal-hod, and B, figs. 1 and 2, our improved bottom and foot. This bottom piece is stamped or pressed up from a single sheet of metal, with a base of any desirable form, but with an upwardly-projecting flange, *c*, springing from its upper edge to such a height as to form a cup or enclosing-rim for the side piece of the

hod. The bottom edge of the side piece A is inserted within this flange or rim *c*, when the hod is completed, and may be secured therein by rivets, or by soldering, or in other suitable manner. The encircling-rim *c*, thus embracing the bottom of the side piece, so supports it as to prevent any possibility of its spreading open, making a close, secure, strong joint, which cannot be sprung apart.

We do not claim simply making a bottom for a coal-hod out of a single piece of metal, for we are aware that solid seamless bottoms have been both cast and stamped of metal in various forms for this purpose; but having fully described our invention,

We claim, as a new article of manufacture—

A coal-hod bottom, stamped up out of an unbroken piece of sheet-metal, when provided with an upwardly-projecting flange, formed to receive, encircle, and embrace the lower edge of the body of the hod, substantially in the manner and for the purpose herein set forth.

F. G. NIEDRINGHAUS.

WM. F. NIEDRINGHAUS.

Witnesses:

SAM'L S. BOYD,

HENRY T. CARTER.