(No Model.)

J. VAN HAGEN.

COAL SCUTTLE.

No. 305,119. Patented Sept. 16, 1884.

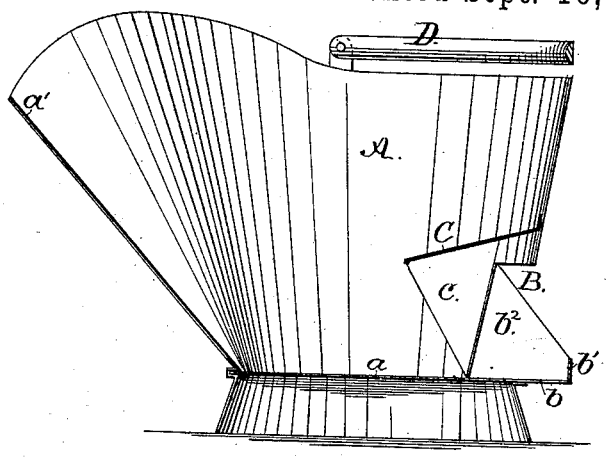

FIG. 1.

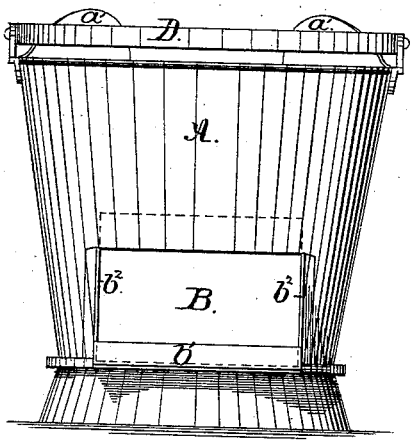

FIG. 2.

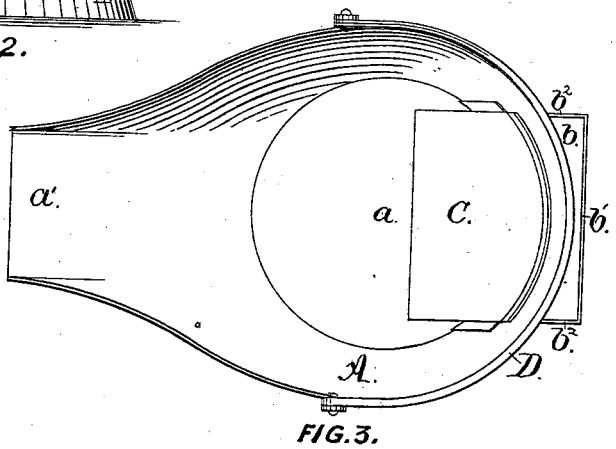

FIG. 3.

Witnesses:

Chas. Hamlin.

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UNITED STATES PATENT OFFICE.

JAMES VAN HAGEN, OF TROY, NEW YORK.

COAL-SCUTTLE.

SPECIFICATION forming part of Letters Patent No. 305,119, dated September 16, 1884.

Application filed January 23, 1884. (No model.)

To all whom it may concern:

Be it known that I, JAMES VAN HAGEN, of Troy, in the county of Rensselaer and State of New York, have invented certain Improvements in Coal-Scuttles and other Portable Receptacles for Coal, of which the following is a specification.

My invention relates to improvements in scuttles and other portable utensils for containing coal or other substances; and the object of my invention is to afford facilities for introducing a shovel for the removal of small quantities of coal from the scuttle without incurring the danger of scattering the coal from the scuttle onto the floor. I attain this object by means of the construction illustrated in the accompanying drawings, which form part of this specification, and in which—

Figure 1 is a longitudinal section of a coal-scuttle containing my improvements; Fig. 2, a rear elevation, and Fig. 3 a plan view, of the same.

As represented in the drawings, A is the body of a coal-scuttle provided with my improvements, and said body may be made substantially as shown, or in any other form that is preferred, and of any size desired. Said body has in one of its sides—preferably the rearmost one—an opening, B, of sufficient size for introducing a coal shovel or scoop therein. The lower side of said opening is on a plane with the bottom plate, *a*, and the said bottom plate is extended outward—through the opening B—for the purpose of forming an external shelf, *b*, which has a standing flange, *b'*, at its outermost edge, and side pieces, b^2, at each side of the opening B. Said flange and side pieces are provided for the purpose of preventing the coal from falling off of the shelf *b*. An internal hood, C, which corresponds to the width of the opening B, and inclines downwardly, as shown in Fig. 1, is fixed above the opening B, and is provided with side pieces, *c*, at each side of said opening, the side pieces, b^2 and *c*, being arranged in line with each other on the opposite sides of the opening B, and form side walls for said opening to prevent any discharge of coal at those points. The rearmost edge of the hood C is kept slightly above the top of the opening B, so as to afford a good hold for the hand at that point when the scuttle is used in the ordinary manner for pouring coal out through the spout *a'*. The handle, commonly placed at the rearmost side of the scuttle, is dispensed with in this form of scuttle; but the bail or handle D, by which the scuttle is usually carried, is retained. The innermost edge of the hood C should be arranged at a sufficient distance from the front part of the body A to permit the coal to run freely therethrough, and the rearmost edge of the shelf *b* should be fixed at a proper distance from the front edge of said hood to prevent the coal, which will follow the usual angle of flow, from falling over the rear edge of said shelf, and the standing flange *b'* will render valuable aid to that end by preventing the shovel from dragging the coal, which lies beneath it, over the rear end of said shelf.

Whenever it is required to remove a small quantity of the coal from the scuttle, a small shovel is inserted into the scuttle through the opening B, and the required quantity can thus be removed from the supply lying on the bottom plate, *a*, without creating any disturbance of the superimposed coal that will cause the latter to fall out of the scuttle. As fast as the coal is removed by the shovel from off the bottom plate, *a*, the overlying supply will fall down to fill its place, and in this manner the entire contents of the scuttle may be removed in a very cleanly manner without lifting the scuttle from the floor. By elongating the form of the scuttle from front to rear the hood C can be correspondingly lengthened, so as to dispense with the external shelf, *b;* but in such case I preferably carry the body of the scuttle, at the bottom of the opening B, slightly above the bottom plate, *a*, and thereby I produce a standing flange at the bottom of said opening in place of the flange *b'*.

I am aware that coal-scuttles have heretofore been made with rear openings near their bottoms, said openings having external shelves, and both with and without internal hoods; therefore I do not broadly claim the said parts; but such earlier constructions did not contain certain essential features of my invention, as herein set forth.

I claim as my invention—

The coal-scuttle A, provided with the open-

ing B, an external shelf, b, having a standing flange, b', at its rearmost edge, and side pieces, b^2, and an internal hood, C, placed above, and corresponding in width with, the opening B, and having side pieces, c, as herein set forth, the side pieces, b^2 and c, being ranged in line with each other to conform to the opposite vertical sides of the opening B, as and for the purpose herein specified.

JAMES VAN HAGEN.

Witnesses:
WM. H. LOW,
S. B. BREWER.