

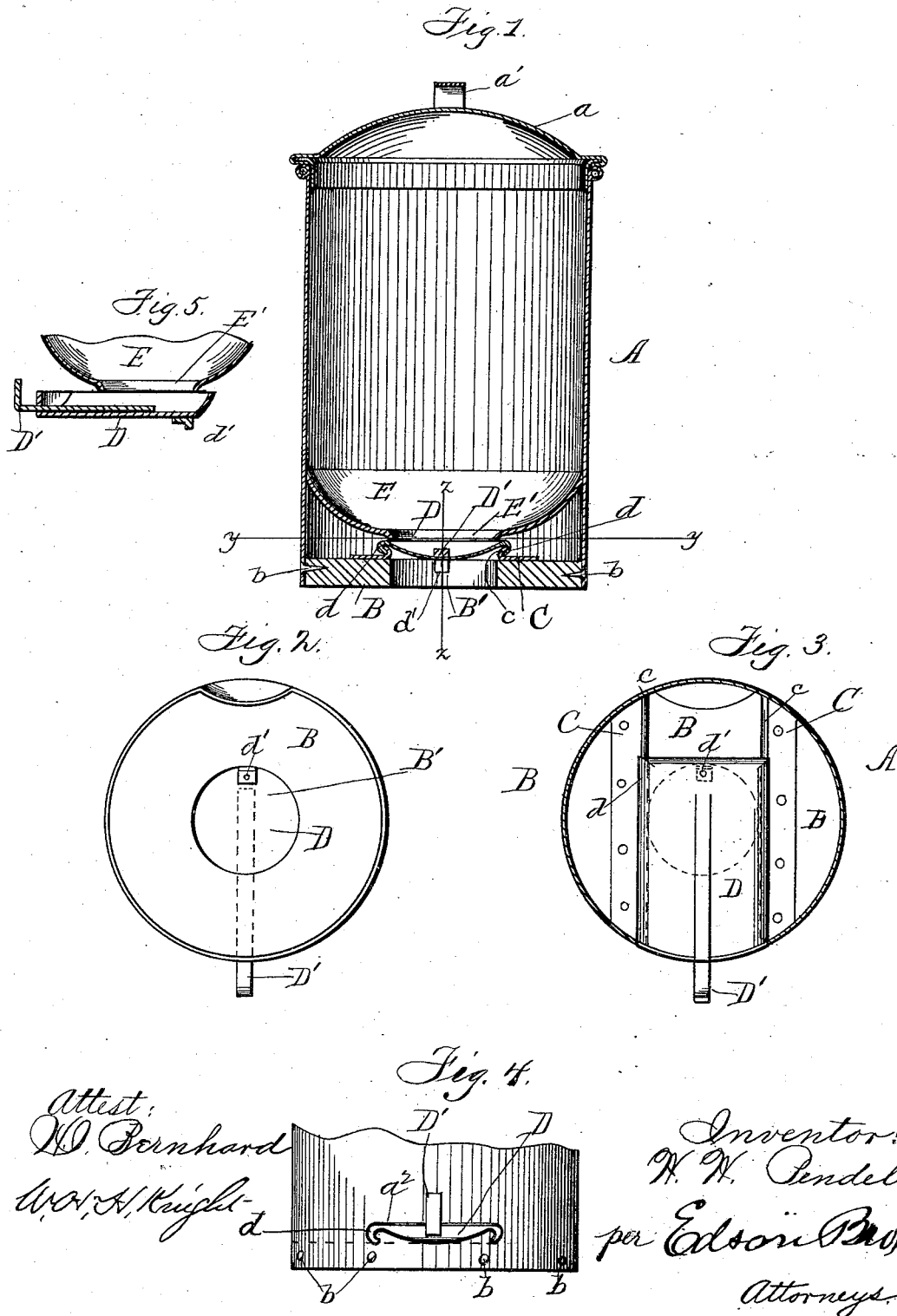
(No Model.)

H. H. PENDELL.

COAL SCUTTLE.

No. 305,958.

Patented Sept. 30, 1884.



# UNITED STATES PATENT OFFICE.

HIRAM H. PENDELL, OF FOND DU LAC, WISCONSIN.

## COAL-SCUTTLE.

SPECIFICATION forming part of Letters Patent No. 305,958, dated September 30, 1884.

Application filed March 12, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, HIRAM H. PENDELL, a citizen of the United States, residing at Fond du Lac, in the county of Fond du Lac and State of Wisconsin, have invented certain new and useful Improvements in Coal-Scuttles; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to coal-scuttles, and has for its object the provision of a utensil of the class named having an aperture or opening through which the coal may be discharged into the stove, and having means whereby said aperture or opening can be closed to prevent dust from passing from the scuttle into the room when the scuttle is closed.

To the accomplishment of the above my invention consists in the construction, arrangement, and combination of parts, substantially as described and claimed.

In the drawings, Figure 1 is a transverse vertical section through a coal-scuttle provided with my improvements. Fig. 2 is a bottom plan view thereof. Fig. 3 is a transverse horizontal section on the line *y y* of Fig. 1, and Fig. 4 is an elevation of a portion of the lower part of the scuttle, showing the opening through which the slide passes, with downwardly-curved ends similar in form to the side edges of the slide. Fig. 5 is a detail showing the false bottom E and slide D, with front and rear edges turned upwardly, stop *d'*, and handle *D'*.

Like letters of reference in the several drawings denote like parts.

Referring to the drawings, A designates the body of the scuttle, formed, preferably, circular in cross-section, and provided with a cover, *a*, having a handle, *a'*.

B designates a wooden bottom, secured by nails *b* to the lower end of the scuttle-body, and a central aperture or opening, B'. Upon the upper surface of said bottom, at each side

of the opening B', are secured metal strips C, which extend from side to side of the scuttle, and have their inner adjacent edges, *c*, turned upward and outward to form flanges, that serve, in connection with flanges *d* upon the slide D, to prevent the escape of dust from the scuttle into the room. (See Fig. 1.)

D designates a slide placed above the aperture B', and adapted to slide through an opening, *a''*, formed in the body A of the scuttle, near the bottom thereof. The slide D has upturned end edges, as clearly shown in Fig. 5. The oblong disk-shaped slide D has its side edges curved downwardly, forming flanges *d*, which catch under the flanges *c* of the strips C.

D' designates a rod secured to the upper surface of the slide D, and extending outward through the end thereof, for the purpose of operating the slide. The movement of the slide is limited by a stop, *d'*, secured to the bottom thereof within the aperture B'.

E designates a second or false bottom placed within and secured to the sides of the body A. The bottom E is preferably curved, as shown, and is provided at its center with an aperture, E', that coincides with the opening B' of the bottom B. The lower edge of the opening E' is just above the slide D. (See Fig. 1.)

The scuttle is operated as follows: It being placed upon the open top of a stove, the slide D is withdrawn, the coal passing from the scuttle through the openings in the bottoms to and into the stove. When the slide D is returned to its normal position, the escape of dust from the scuttle is prevented by the upwardly-turned edges of said slide, acting, in connection with the flanges *c d*, upon the metal strips C and slide D, respectively, as will be clearly understood.

Modifications in details of construction of the above-described scuttle, which shows a practical embodiment of my invention, may be made—as, for instance, the bottom can be made of other material than wood; or it may be raised above the bottom of the cylinder A. I would therefore have it understood that I reserve the right to make such changes as fairly fall within the scope of my invention.

I am aware that scuttles have been hereto-

fore made with openings in the bottom thereof, and therefore do not claim, broadly, such construction; but

What I do claim, and desire to secure by  
5 Letters Patent of the United States, is—

In a coal-scuttle, the body A, having the curved metal bottom E and the lower wooden bottom, B, each provided with apertures, and the flanged strips C c, in combination with

the slide D, having upwardly-turned end and 10 downwardly-curved side edges, a rod, D', and stop d', substantially as herein described.

In testimony whereof I affix my signature in presence of two witnesses.

HIRAM H. PENDELL.

Witnesses:

F. F. DUFFY,

J. M. CRIPPEN.