

(No Model.)

H. C. HINMAN.
COAL SCUTTLE OR HOD.

No. 316,035.

Patented Apr. 21, 1885.

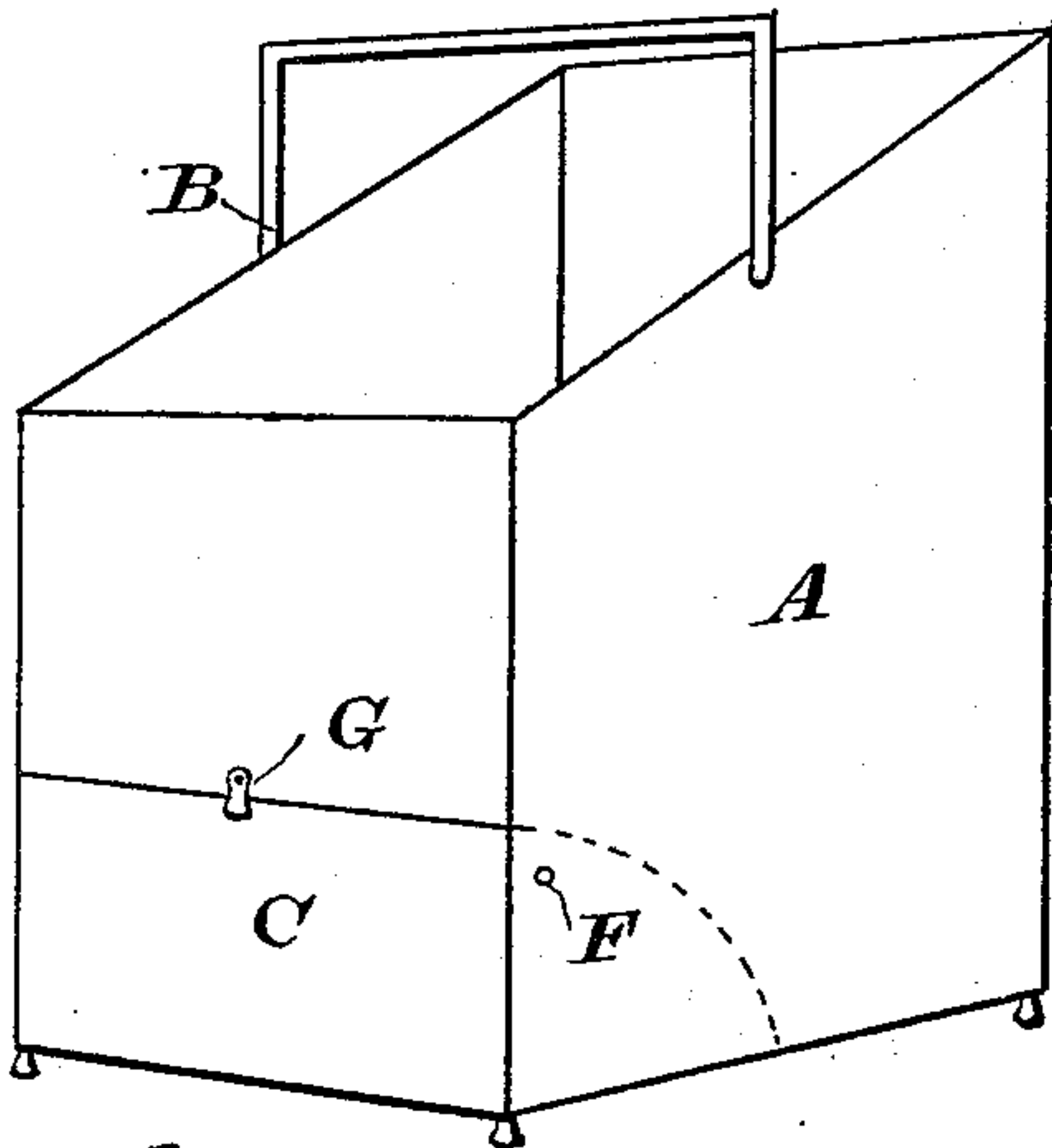


FIG. 1.

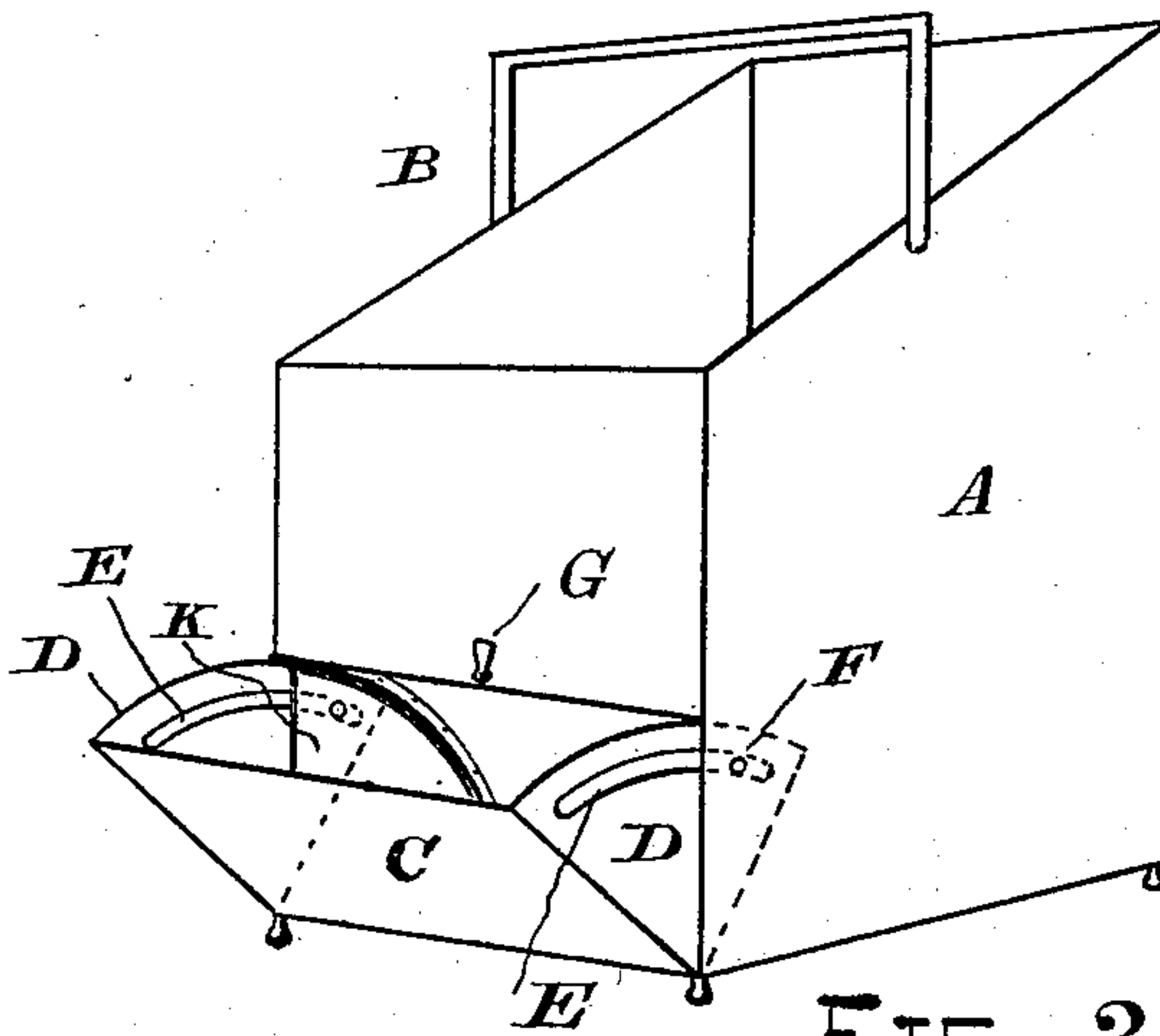


FIG. 2.

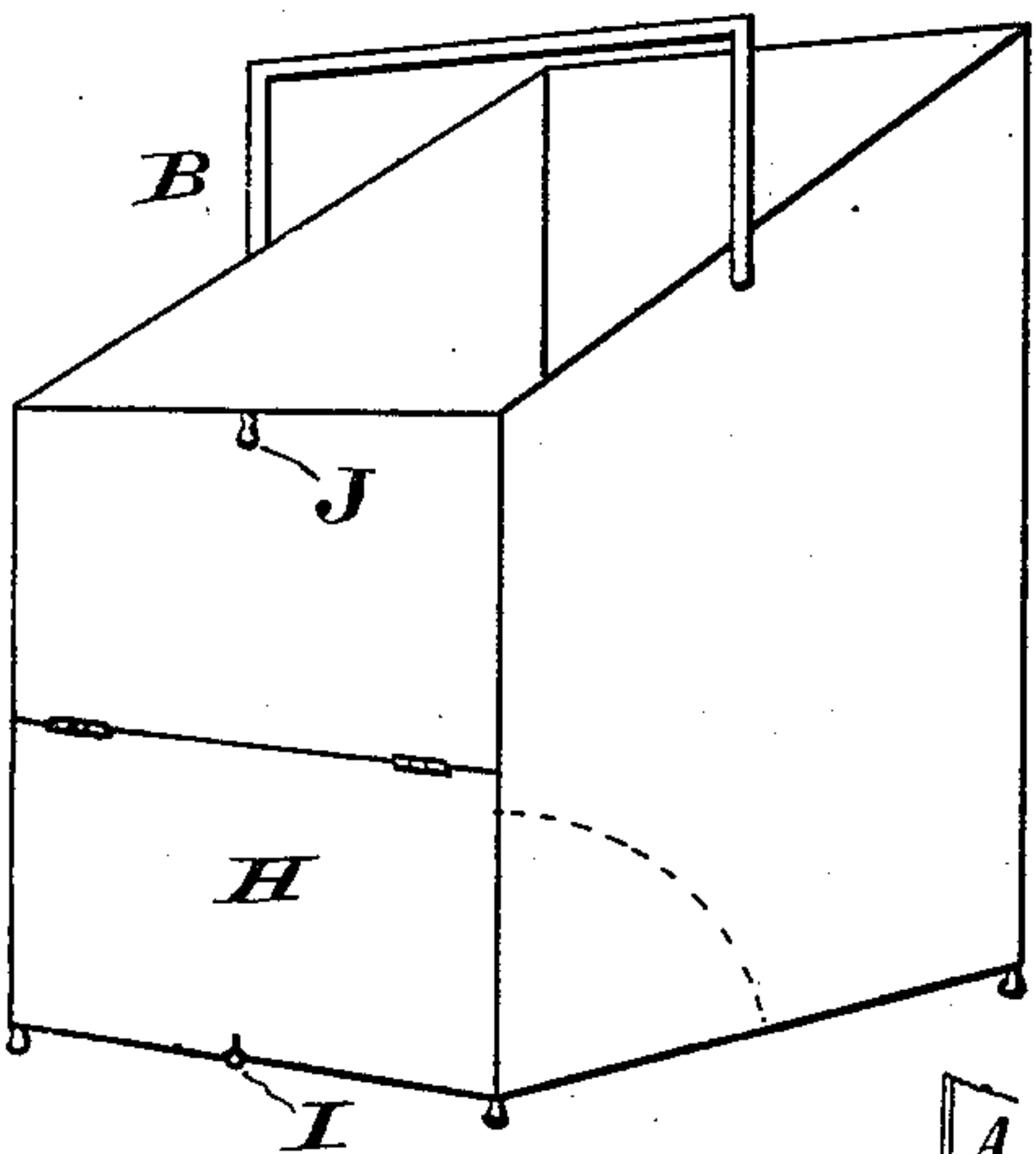


FIG. 3.

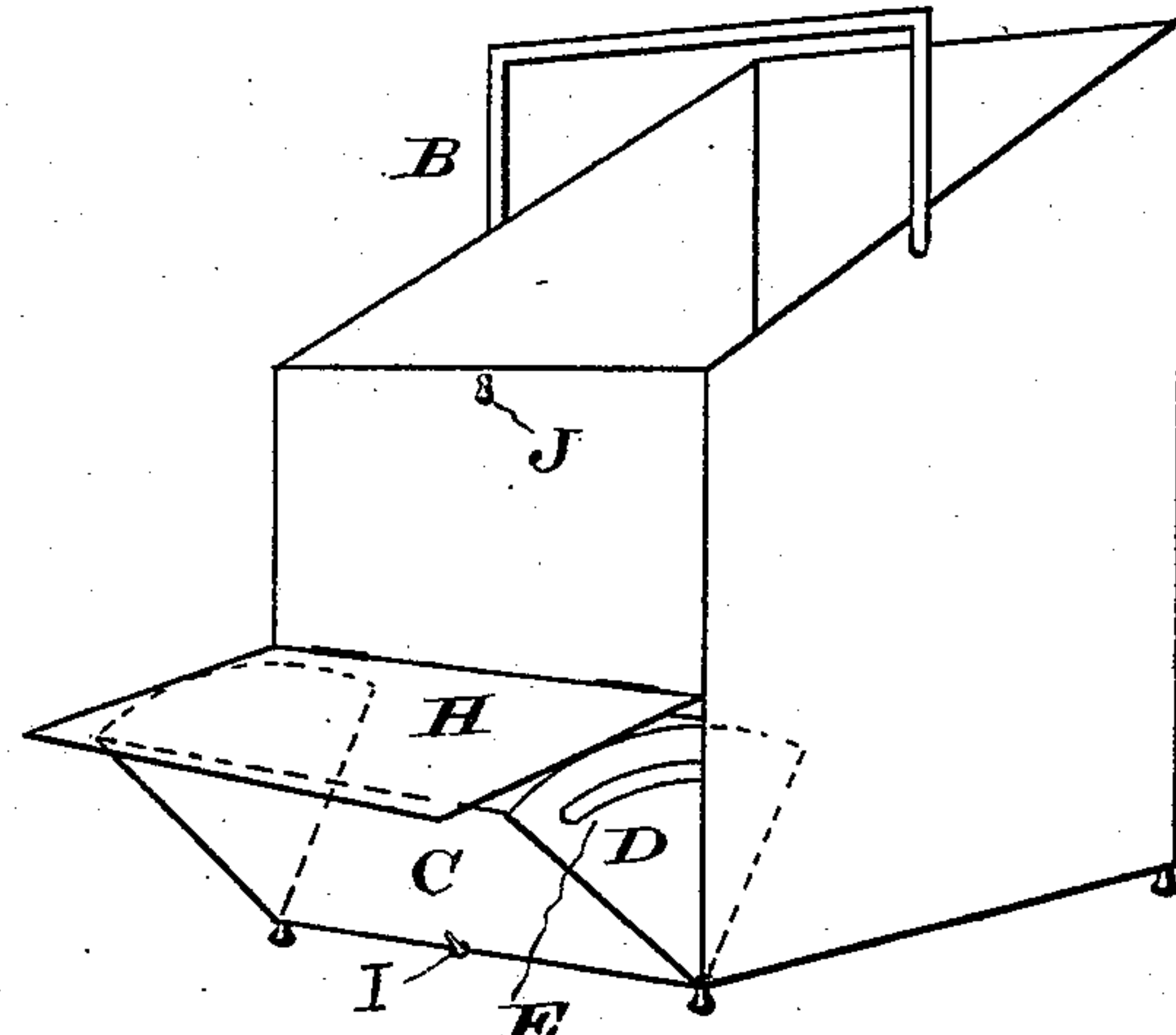


FIG. 4.

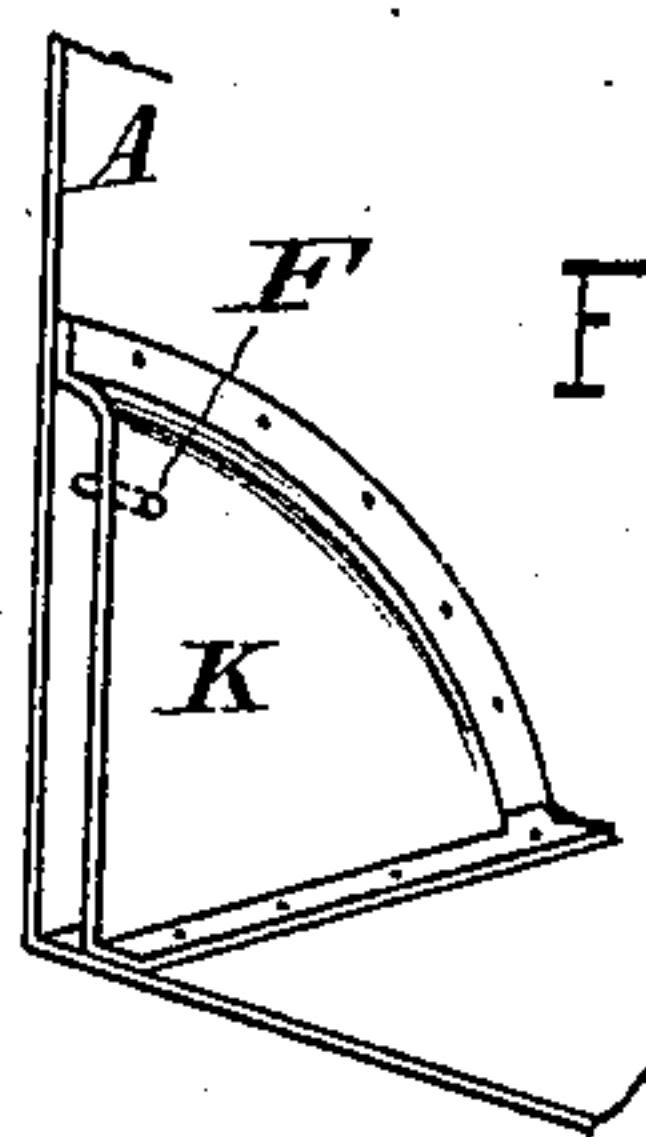


FIG. 5.

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HUGH C. HINMAN, OF OAKLAND, CALIFORNIA.

COAL SCUTTLE OR HOD.

SPECIFICATION forming part of Letters Patent No. 316,035, dated April 21, 1885.

Application filed October 8, 1884. (No model.)

To all whom it may concern:

Be it known that I, HUGH C. HINMAN, a citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented a certain new and useful Coal Scuttle or Hod and its Containing-Vase, of which the following is a specification.

My invention relates to improvements in coal hods on scuttles and their containing-vases for holding a quantity of coal for present use; and the object of my invention is to provide a magazine coal-scuttle in which the coal may be contained and removed from or through an opening situated at or near the base of the scuttle and covered by a hinged door having side cheeks to form a trough and prevent the spilling of the coal upon the floor of the apartment when the device is in use, and also to provide a coal-scuttle and vase of compact, neat, and tasteful appearance. These objects I accomplish by means of the construction illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of my improved coal-scuttle showing the discharging-door closed. Fig. 2 is likewise a perspective view showing the door open. Fig. 3 is a perspective view of the containing-vase or scuttle-receiver, showing the flap or covering for the discharge-door of the scuttle closed down. Fig. 4 is a perspective view of the vase or container, showing the door or flap resting upon the discharge-trough of the scuttle. Fig. 5 is a perspective detail view showing the guard for the side plates or wings of the trough.

Similar letters of reference are used to indicate like parts throughout the several figures.

A represents a coal scuttle or hod, made rectangular in plan, and provided with a suitable bail or handle, B. The lower portion of the front side of the hod is cut away, so as to form a rectangular opening the entire width of the coal-scuttle and of any convenient height. The piece of metal thus cut out or removed may then be used, if so desired, to form the front plate, door, or hinged flap, C, of the discharge trough or box. This flap is hinged by its lower edge to the front edge of the bottom of the scuttle in any well-known manner. Wings or side plates, D D, are secured to each end of the flap C, and extend within the open-

ing in the front of the scuttle, and are contained within the interior of the scuttle when the discharging door or trough is closed up. These plates D move back and forth within and beneath the guard-plates K, (shown in Fig. 5,) and are thus protected from having their edges bruised by contact with the coal, and choking or binding is prevented. These side plates are made in the form of a quadrant, and near the curved edge thereof I make a curved slot, E, which receives a stud or pin, F, projecting inwardly from the sides of the scuttle, and these studs serve to stay and brace the side plates, D D, as they are pushed or drawn in or out of the cavity of the scuttle or between the side plate of the scuttle and the guard-plate K. The said studs also serve to limit the distance to which the discharge-trough can be drawn out. The guard-plates conform to the shape of the wings D, and are riveted to the sides of the scuttle by rivets passing through the curved edge, and also to the bottom or floor of the scuttle by the base-flange, as shown in Fig. 5. When the trough is closed up, the front plate or flap, C, is held in its closed position by means of a button or catch, G, as shown in Figs. 1 and 2.

In the containing-vase shown in Figs. 2 and 3 the general construction is the same, with the exception that the opening in front of the discharging-trough is covered by a supplemental plate or flap, H, hinged by its upper edge to the front of the scuttle, and retained in its closed position by a catch or bolt, I, at its base, as shown in Fig. 3. When the trough is drawn out, this flap is held up flat against the front face of the base by a button, J, at the top thereof, or it may be laid down flat across the top of the trough, as shown in Fig. 4.

In operation the scuttle is filled at the bin or coal-heap in the usual manner, the coal being placed within the scuttle from the top. The scuttle is then carried within the apartment and placed within the vase, and when it is desired to replenish the fire with fresh coal the button or catch confining the trough in its closed position is raised or turned, and the trough is then drawn out through the opening or door in the front of the vase. In other words, the trough is partly rotated upon its hinges at the lower front edge of the scuttle;

but the opening is not made so great nor the front flap, C, pulled down so low as to permit any particle of coal or coal-dust to escape or fall out upon the floor of the apartment, as it is intended that the coal to be put to immediate use shall be removed by means of a small hand-shovel or fire-shovel, which is inserted into the trough along the inclined face of the front flap, thus permitting the coal to be easily and quickly withdrawn from the hod, and avoiding all danger of spilling the coal or creating uncleanliness in the apartment.

It should here be remarked that the side plates, D, may be placed upon the outside of the side pieces of the scuttle, in which case the guards K may be dispensed with, if so desired.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A coal-scuttle provided with a hinged

outwardly-opening trough, consisting of the front plate, C, hinged by its lower edge to the front edge or sides of the scuttle, and having side wings or plates, D D, provided with slots engaging with studs or pins F, secured to the sides of the scuttle, substantially as shown, for the purpose set forth.

2. A coal-scuttle having a hinged outwardly-opening trough provided with side wings or plates, D D, operating within guards K K, secured to the sides and bottom of the scuttle, substantially as shown, for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal.

HUGH C. HINMAN. [L. S.]

Witnesses:

WILMER BRADFORD,
CHAS. E. KELLY.