

G. HOWLAND,
Coal-Scuttles.

No. 135,554.

Patented Feb. 4, 1873.

FIG. 1.

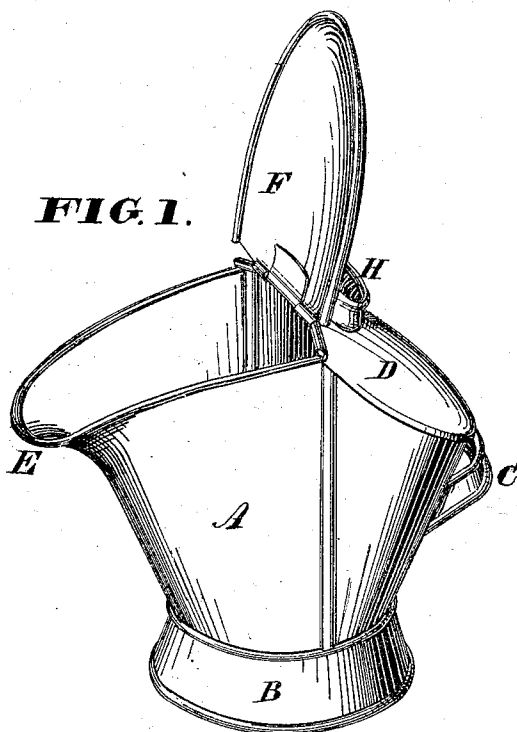
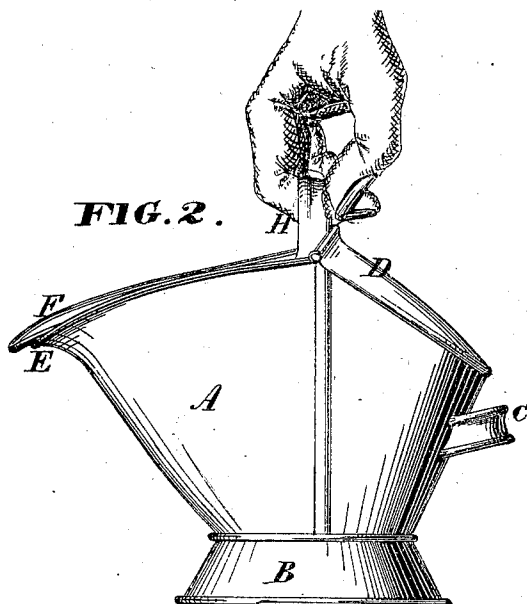


FIG. 2.



WITNESSES:

Geo. L. Swin
Walter Allen

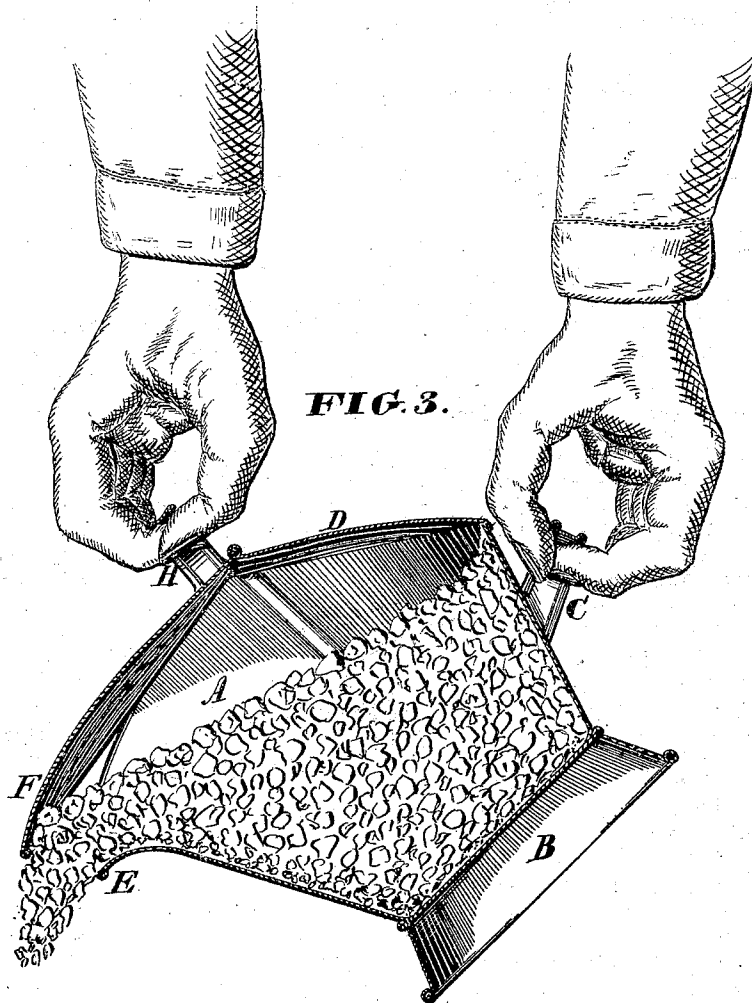
INVENTOR:

Gardner Howland
By *Knights* Attorneys.

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WITNESSES:

Gas. L. Quin
Walter Allen

INVENTOR:

Gardner Howland
By *Knight Bros* Attorneys.

UNITED STATES PATENT OFFICE.

GARDNER HOWLAND, OF BRUNSWICK, NEW YORK.

IMPROVEMENT IN COAL-SCUTTLES.

Specification forming part of Letters Patent No. 135,554, dated February 4, 1873.

To all whom it may concern:

Be it known that I, GARDNER HOWLAND, of Brunswick, in the county of Rensselaer, New York, have invented a new and useful Coal-Scuttle, of which the following is a specification:

Nature and Objects of the Invention.

My invention, although especially designed for coal-scuttles or buckets, is capable, by slight modifications, of being applied to various uses, such as cooks' batter-buckets, milk-buckets, and even slop-pails.

In the accompanying drawing, which represents my invention as adapted to the purposes of a coal-bucket, Figure 1 is a perspective view of the scuttle in condition for being filled. Fig. 2 is a perspective view of the same in the act of being carried. Fig. 3 is a vertical section of the scuttle as seen in the act of discharging a part of its contents.

The body A of the scuttle is supported on a customary foot-flange, B, and has projecting from its rear a customary tipping-handle, C. It also flares upward, and that portion back of the middle of its top edge is covered by a plate, D, which slopes downward and rearward in a manner commonly seen in coal-scuttles. The parts therefore above described do not necessarily differ from those corresponding to them in coal-scuttles now in use. From ordinary scuttles, however, my invention differs essentially in the form given to the upper front portion of its body, which in my scuttle takes the shape of an elongated lip or spout, E, and more particularly in the form and functions of its flap

or lid F of the represented nearly parabolic crowning form, so as to present a concave surface to the contents of the scuttle, and to afford, in conjunction with the spout E, a wide but shallow discharge-aperture, capable of being enlarged by lifting of the lid. The said lid F is at its rear edge hinged to the forward edge of the sloping cover D, and near to this rear edge is provided with a fixed handle, H, by which the lid F may be opened and supported in the open sloping position for filling represented in Fig. 1, or be used in place of a bail for carrying the scuttle, as seen in Fig. 2, or be used in conjunction with the tipping-handle C to cant the scuttle and discharge any desired part of its contents; and said discharge may be regulated to any extent by the simple act of elevating or depressing the said lid. It will be seen that in the open condition, as represented in Fig. 1, the lid F becomes serviceable as a guard or chute to conduct the coal into the scuttle in the act of filling the same.

Claim.

I claim as new and of my invention—

A pail or scuttle formed with lip E, hinged flap or lid F, and lifting and tipping handles H and C, the whole being formed and arranged substantially as and for the purpose described.

GARDNER HOWLAND.

Witnesses:

WILLIAM A. PETERS,
EDGAR O. HOWLAND.