

H. G. PORTER.

Improvement in Cans for Shipping Oil, &c.

No. 132,858.

Patented Nov. 5, 1872.

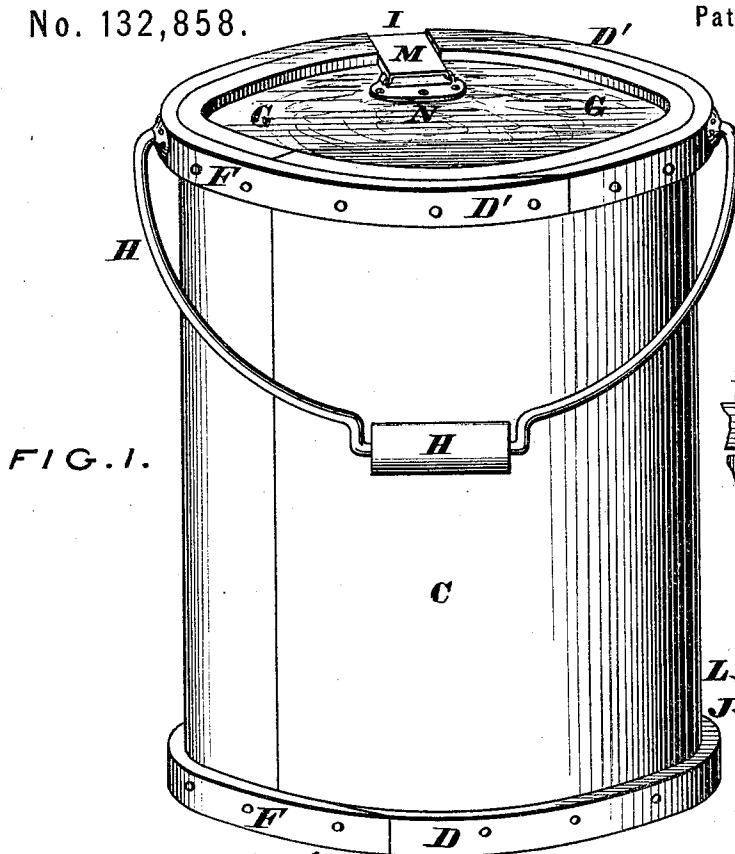


FIG. 1.

FIG. 4.

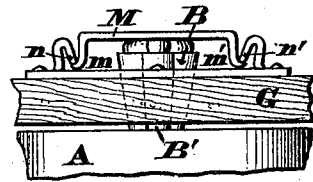


FIG. 3.

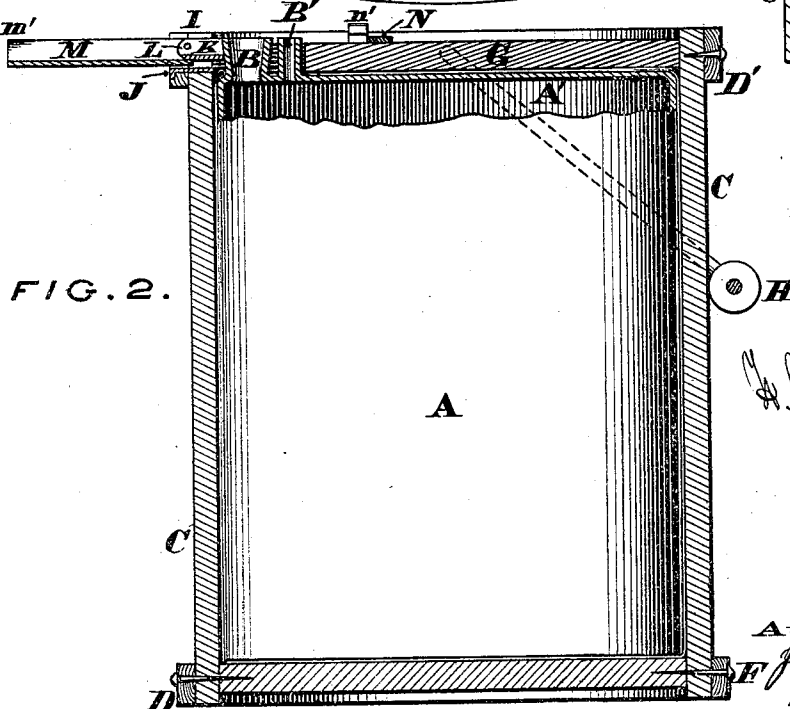
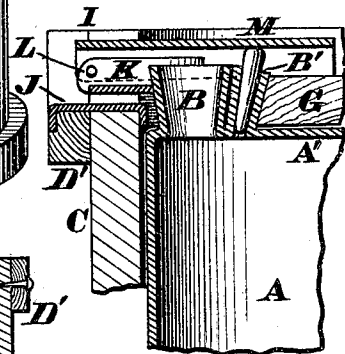


FIG. 2.

H. G. Porter
By Knight
Attys.

Attest.
Geo. H. Layman,
Notary Public.

H. G. PORTER.

Improvement in Cans for Shipping Oil, &c.

No. 132,858.

Patented Nov. 5, 1872.

FIG. 5.

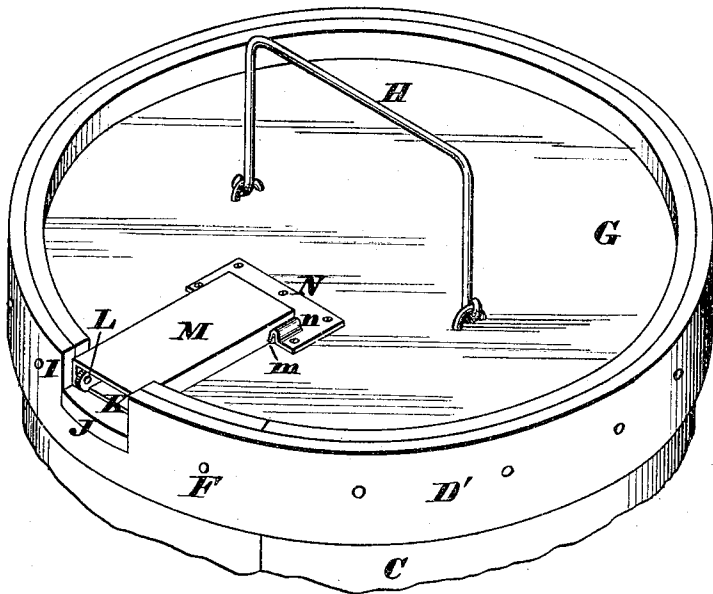
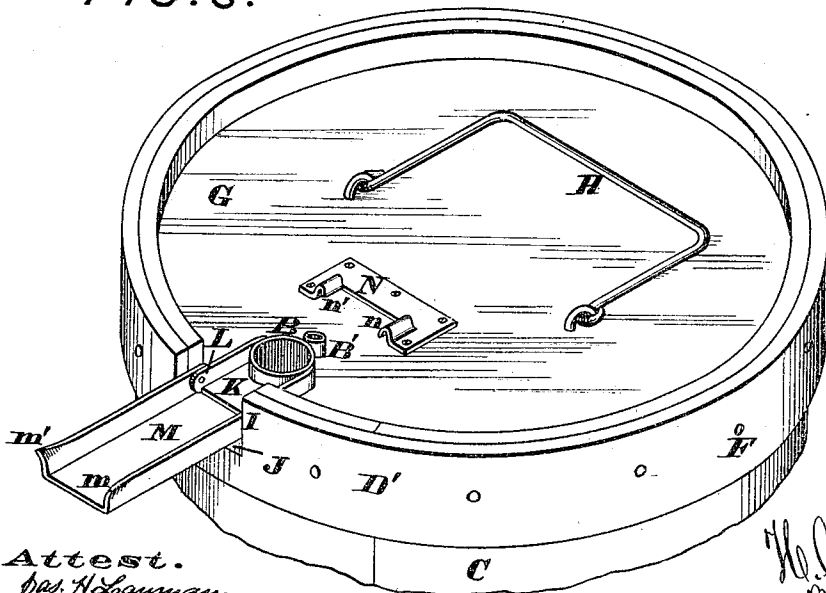


FIG. 6.



Attest.
Geo. H. Bayman,
Notary Public.

H. G. Porter
Per Knight Bros.
Attys.

UNITED STATES PATENT OFFICE.

HENRY G. PORTER, OF DAYTON, ASSIGNOR TO HIMSELF AND FAGALEY AND HENDRICKS, OF CINCINNATI, OHIO.

IMPROVEMENT IN CANS FOR SHIPPING OIL, &c.

Specification forming part of Letters Patent No. 132,858, dated November 5, 1872.

To all whom it may concern:

Be it known that I, HENRY G. PORTER, of Dayton, Montgomery county, Ohio, have invented a new and useful Shipping-Can, of which the following is a specification:

Nature and Objects of the Invention.

This is an improvement on wood-incased tin cans; and consists in the provision of such a can of a combined drip-spout and cork-holder attachment to the protruding neck or nozzle of such a can.

General Description.

Figure 1 is a perspective view of a shipping-can embodying my improvement, the hinged spout being shown in its folded condition. Fig. 2 is a vertical section through the case and the upper portion of the can, the hinged spout being shown open. Fig. 3 is an enlarged vertical section of a portion of the same, the hinged spout being shown closed. Fig. 4 is a transverse elevation of the part shown in Fig. 3. Fig. 5 is an enlarged perspective view of the upper part of the case, the spout being closed. Fig. 6 is a similar view with the spout opened.

A represents a tin can of cylindrical form with flat heads. B and B' represent, respectively, the nozzle and the air-tube projecting from the can-top A', near one side thereof. C represents body; D D', hoops; G, head; F, nails; and H, the lifting-bail of the casing. The chime and upper hoop D', opposite the nozzle B, are notched, I, and protected by a metallic strip or shield, J. Soldered to and projecting outward from nozzle B is the stationary member K of my drip-spout. Hinged at L to K, and capable of being folded horizontally over spout K, as in Figs. 1, 3, 4, and 5, or under said spout, as in Figs. 2 and 6, is my convertible drip-spout and cork-holder M. Said drip-spout M has the form of a flat-bottomed shallow trough, whose edges, curving outward at m m', engage, in the folded condi-

tion of the said spout, under ears n n' of a catch, N, which is secured to the head G. The spout M is sufficiently yielding for its flanges m m' to spring readily under the ears n n', or to suffer sufficient compression to be readily disengaged from said ears for unfolding. The parts A A' B B' J K M N may be of any suitable sheet metal, such as tin, copper, or galvanized iron. The bail H may be attached to the upper hoop D' of the case, as shown in Figs. 1 and 2; or said bail may be secured to the head G, as represented in Figs. 5 and 6.

Operation.

When it is desired to fill the can, the sides of the spout M are slightly compressed, so as to liberate the flanges m m' from the catches n n', and the spout is unfolded; the nozzles B and B' being then opened by withdrawing their corks, the can may be filled in the usual way. For discharging, the can is tipped sufficiently to allow the contents to escape through the nozzle B, whence they flow successively into the two chambers K and M of my drip-spout, and are discharged from the edge of the latter entirely clear of the casing. When it is desired to close the can, the corks are re-inserted and secured against drip and accidental removal by the closure of the member M.

Claims.

I claim herein as new and of my invention—

1. The provision, on a wood-incased tin or other sheet-metal can, of the combined drip-spout and cork-holders K L M m m' N n n', substantially as described.

2. In combination with the elements of the preceding clause I claim the notch I, with or without the shield J.

In testimony of which invention I hereunto set my hand.

HENRY G. PORTER.

Witnesses:

GEO. W. KNIGHT,
JAMES H. LAYMAN.