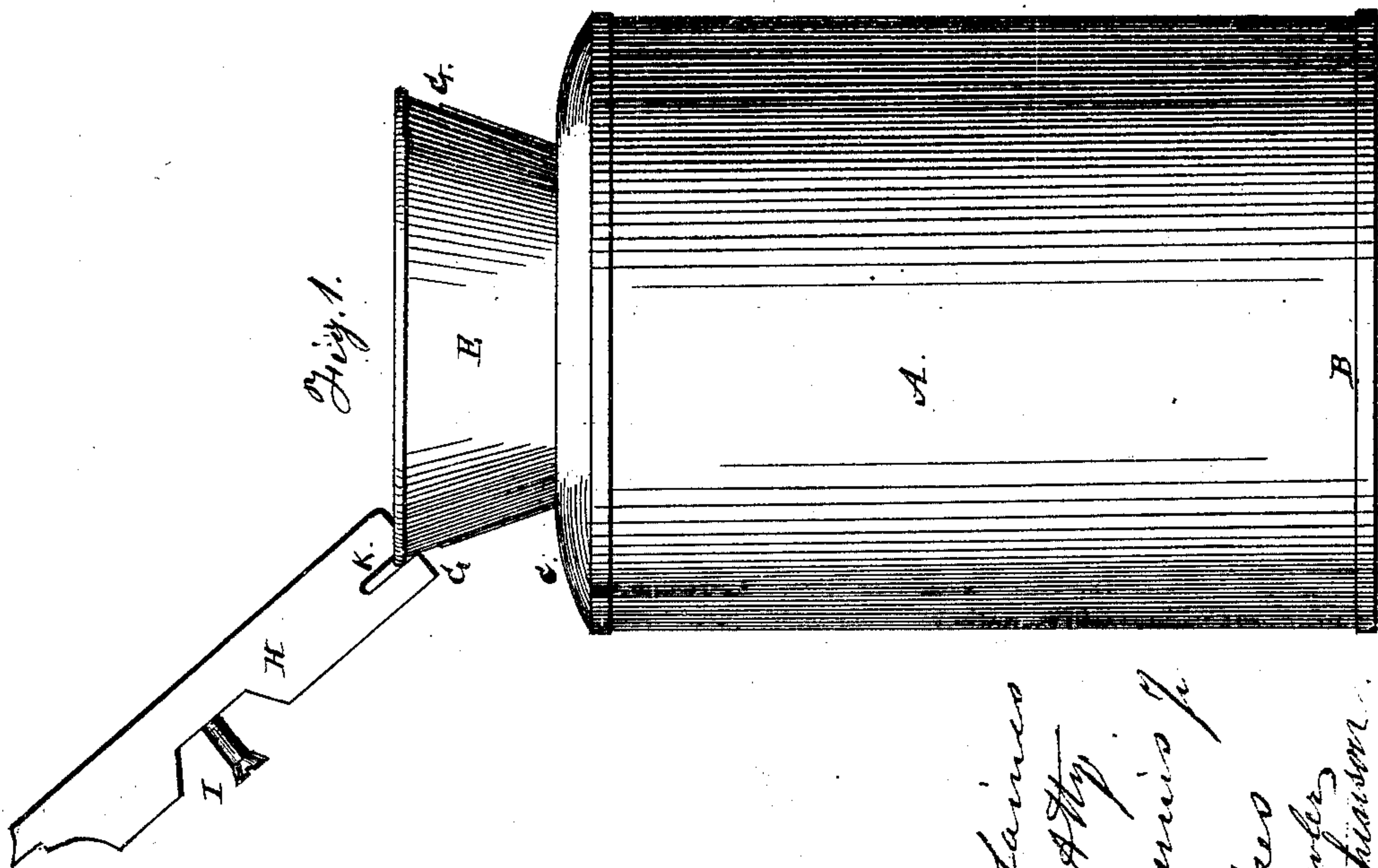
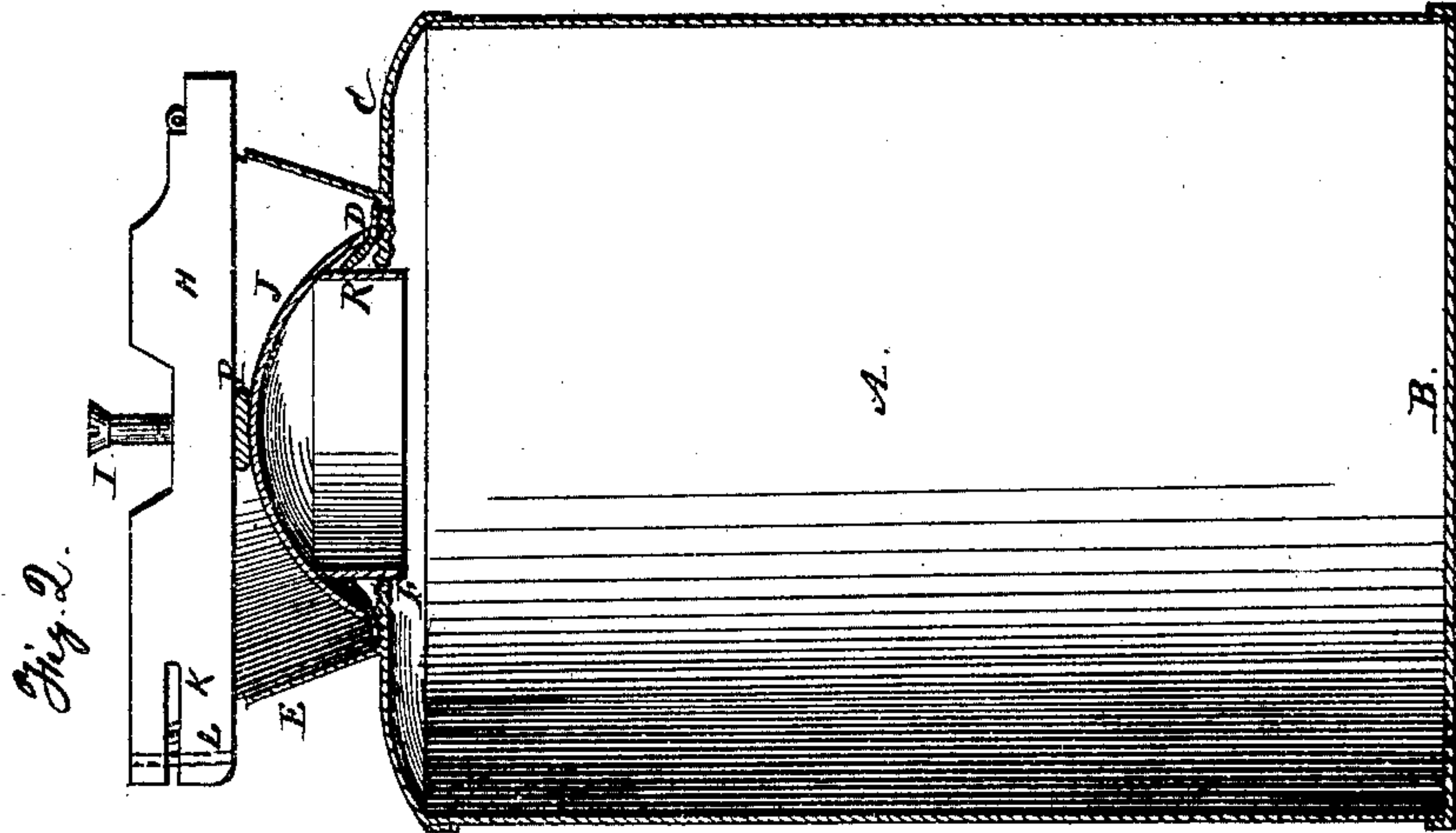


J. HAINES.
FRUIT CAN.

No. 67,754.

Patented Aug. 13, 1867.



*J. Haines
By his Atty.
J. Dennis Jr.
Witnesses
A. M. Hurd
W. T. Hutchinson*

United States Patent Office.

JOEL HAINES, OF WEST MIDDLEBURG, OHIO.

Letters Patent No. 67,754, dated August 13, 1867

IMPROVEMENT IN FRUIT-CANS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOEL HAINES, of West Middleburg, Logan county, State of Ohio, have invented certain new and useful Improvements in Fruit-Cans; and I do hereby declare the following description and accompanying drawings are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention or improvements, without further invention or experiment.

The nature of my invention and improvements consists in the peculiar construction of the can described in the following specification and represented in the drawings. In the accompanying drawings—

Figure 1 is an elevation of a can with my improvements.

Figure 2 is a section on the side of the bar H.

In these drawings, A is the can, made of sheet tin, with a bottom, B, and concave top, C, corrugated around the mouth F to receive the rubber packing D, shown in fig. 2 of the drawings. E is an inverted frustum of a cone, made of tin, and soldered on the top C around the mouth F, so as to serve as a tunnel in filling the can. I cut two notches, G, in the upper edge of the frustum E, and put a wire around the top edge to cross the notches G and hold the bar H, which carries the screw I to fasten down the cover J, as shown in fig. 2. This bar may be made in the form shown, with a score, K, at one end to traverse on the wire around the top, and a nail or pin, L, is put through the end of the bar, outside of the wire, so as to hinge the bar H to the can and prevent its being lost. The score K in the bar is cut deep enough to let the bar slide back, so that the opposite end can be raised up, and the bar turned over on the wire where it is hinged, so as to be out of the way in filling the can and applying the cover J, which is made concave and sufficiently arched to resist the pressure necessary to hold it down tight on the rubber packing D. The cover J has a bracket, P, soldered in the centre of the top, which is stiff enough to resist the pressure of the screw I in forcing the cover and packing down to make the mouth of the can tight. To prevent the contents of the can from coming freely in contact with the rubber packing I solder the flange R to under side of the cover, so as to just fill the mouth of the top C.

1. I claim corrugating the metal around the mouth of the can, to render the packing tight with small pressure.

2. I claim a flaring flange or inverted frustum around the mouth of the can, to serve as a tunnel in facilitating the filling of the can and to hold the cover in place.

3. I claim the wire around the top of the frustum to hold the bar that fastens down the cover.

4. And, in combination with the wire around the top, I claim the bar H, hinged to the wire at one end so that it can be slid back and raised to remove the cover, substantially as described.

Witnesses:

CHARLIE E. ALLEN,
ISRAEL POOL.

JOEL HAINES.