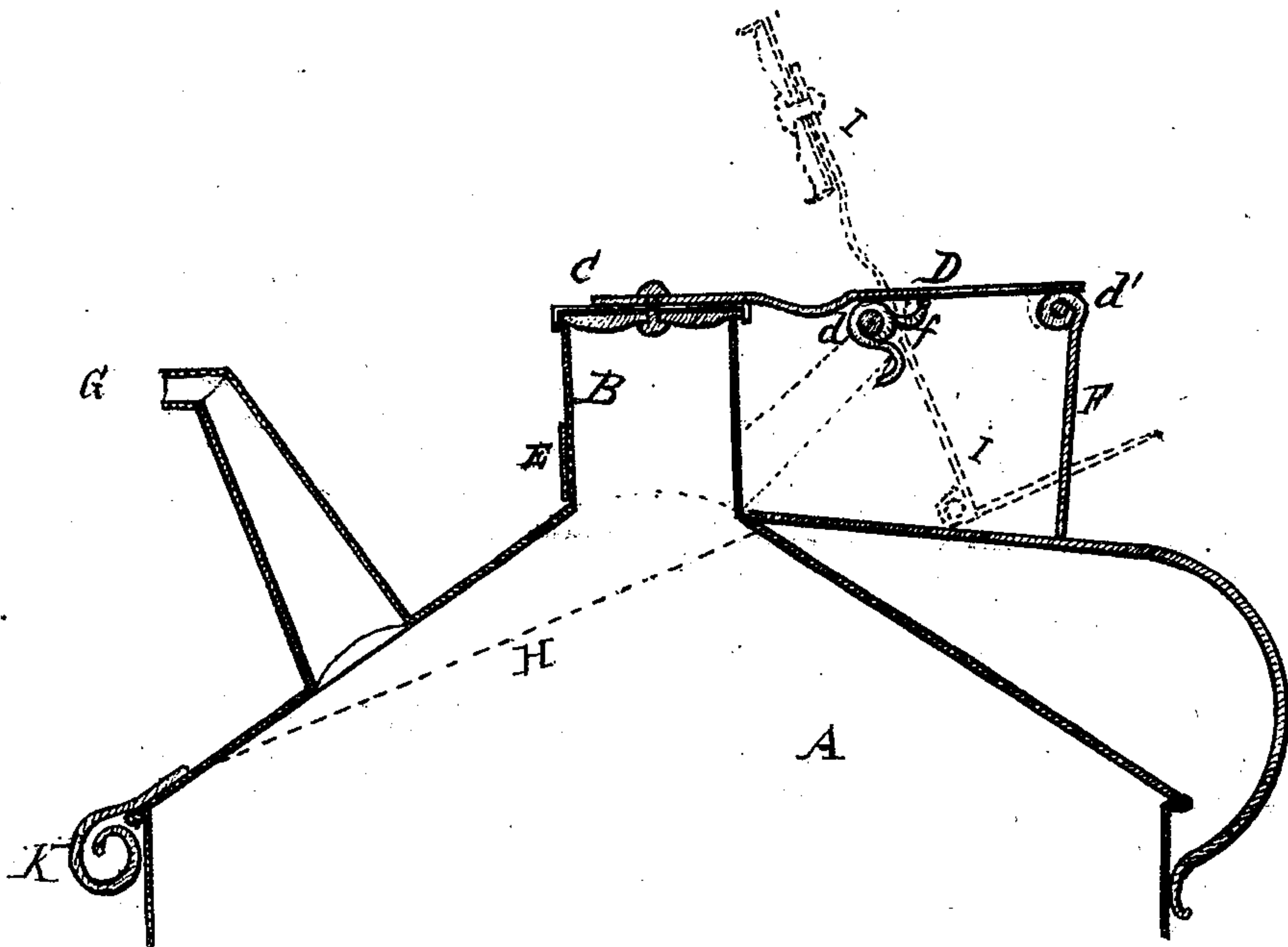
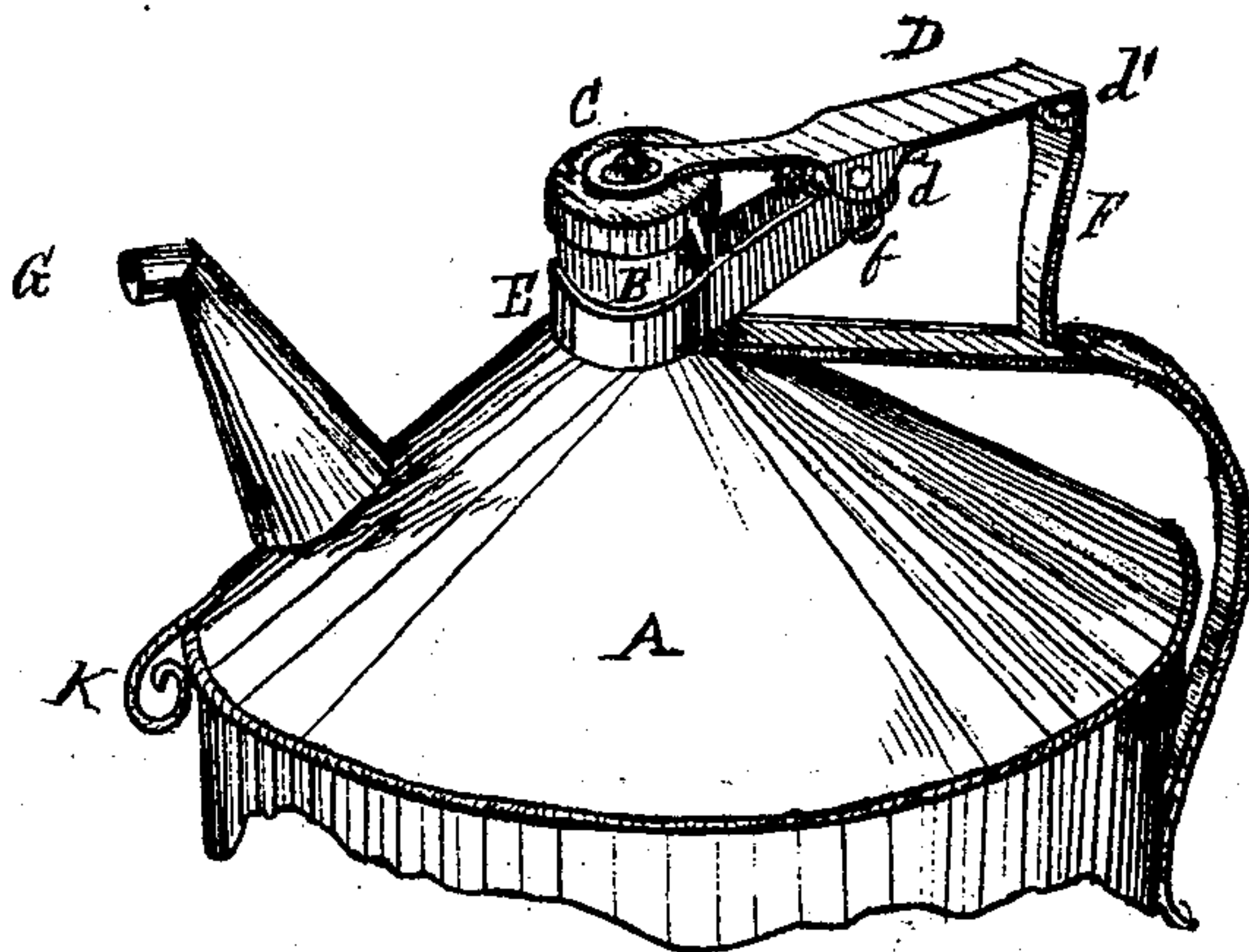


N. Aubin,

Oil Can.

No. 98,332.

Patented Dec. 28. 1869.



N. D. Bois
J. L. Bonney.

Witness

Inventor.

N. Aubin

United States Patent Office.

AIME NICHOLAS NAPOLEON AUBIN, OF MONTREAL, CANADA.

Letters Patent No. 98,332, dated December 28, 1869.

IMPROVEMENT IN OIL-CANS.

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

I, AIME NICHOLAS NAPOLEON AUBIN, formerly of Albany, State of New York, temporarily residing in Montreal, Dominion of Canada, have invented certain Improvements in Cans for Holding Oils, Varnishes, Spirits, or any other such liquids, of which the following is a specification.

The first part of my invention consists in adapting to the neck of any ordinary can, an attachment by which it automatically closes itself whenever it is not intentionally kept open, and is hermetically sealed, in a very prompt and effective manner, by merely pushing a hinged prop.

The second part relates to the combination, with the said attachment, of a projection, which prevents a can furnished with a spout, in case it falls or is upset, from remaining in such a position as to spill its contents.

And the third part relates to the combining, with the two preceding devices, a wire gauze, to prevent any flame from communicating to the liquid or vapor in the can.

Figure 1 is a perspective view of the upper part of the can bearing my improvements.

Figure 2 is a perpendicular section of the same.

A is the conical top of the can.

B is the neck.

C is the closing-cap.

D, lever, bearing the cap at one end and the prop at the other.

d, fulcrum of the lever.

d', hinge of prop.

E, collar, attached to the neck of the can, the two ends of which project so as to bear the lever.

f is a spring, spiral or otherwise, so arranged as to press the lever, and to keep the cap closed upon the end of the neck. The cap bears inside an elastic washer, of leather, cork, or other substance, which takes easily the shape of the edge of the neck, and therefore closes it perfectly.

F, prop, hinged at d', which, having its lower end pushed forward, acts as a sort of knee-joint, raises the lever, presses firmly the cap on the neck, and keeps it tightly sealed.

G, spout.

H, disk of wire gauze, indicated by the dotted line, and placed in an inclined position, so as to allow air to escape through its upper side, whilst the liquid runs into the can at its lower part.

The dotted lines I I show the position of the lever, cap, and prop, when the can is kept open by pressing the thumb upon the end d' of lever, after having, with the index-finger, pulled the prop from its perpendicular position.

K, wire or other projection, placed under the spout, as shown.

Its object is, in case the can be upset, to prevent it from remaining with the spout downward, and thus facilitate the turning of the can with the end of spout up, in which position it is kept by the weight of the handle and lever; and as the neck is always closed when not purposely held open, little of the liquid can run out. Then, should this small quantity catch fire, the wire gauze under both apertures would prevent the flame from reaching the liquid inside.

The operation of a can such as I have described is easily understood by a mere inspection of the drawings, and its advantages are obvious.

It does away with all kinds of detached stoppers, and therefore saves time and care, and as it keeps the can always sealed, the chances of accidents are thus materially diminished.

I claim, as my invention—

1. A self-sealing attachment to the neck of cans, consisting in a lever, D, bearing the cap, a spring, f, and hinged prop F, constructed and operating substantially as described.

2. The wire gauze, covering the apertures inside of the can, not as a separate device, but in combination with the self-sealing attachment.

3. The projection K, in combination with the spout G, for the purpose hereinbefore set forth.

N. AUBIN.

Witnesses:

T. C. CONNOLLY,
N. DU BOIS.