

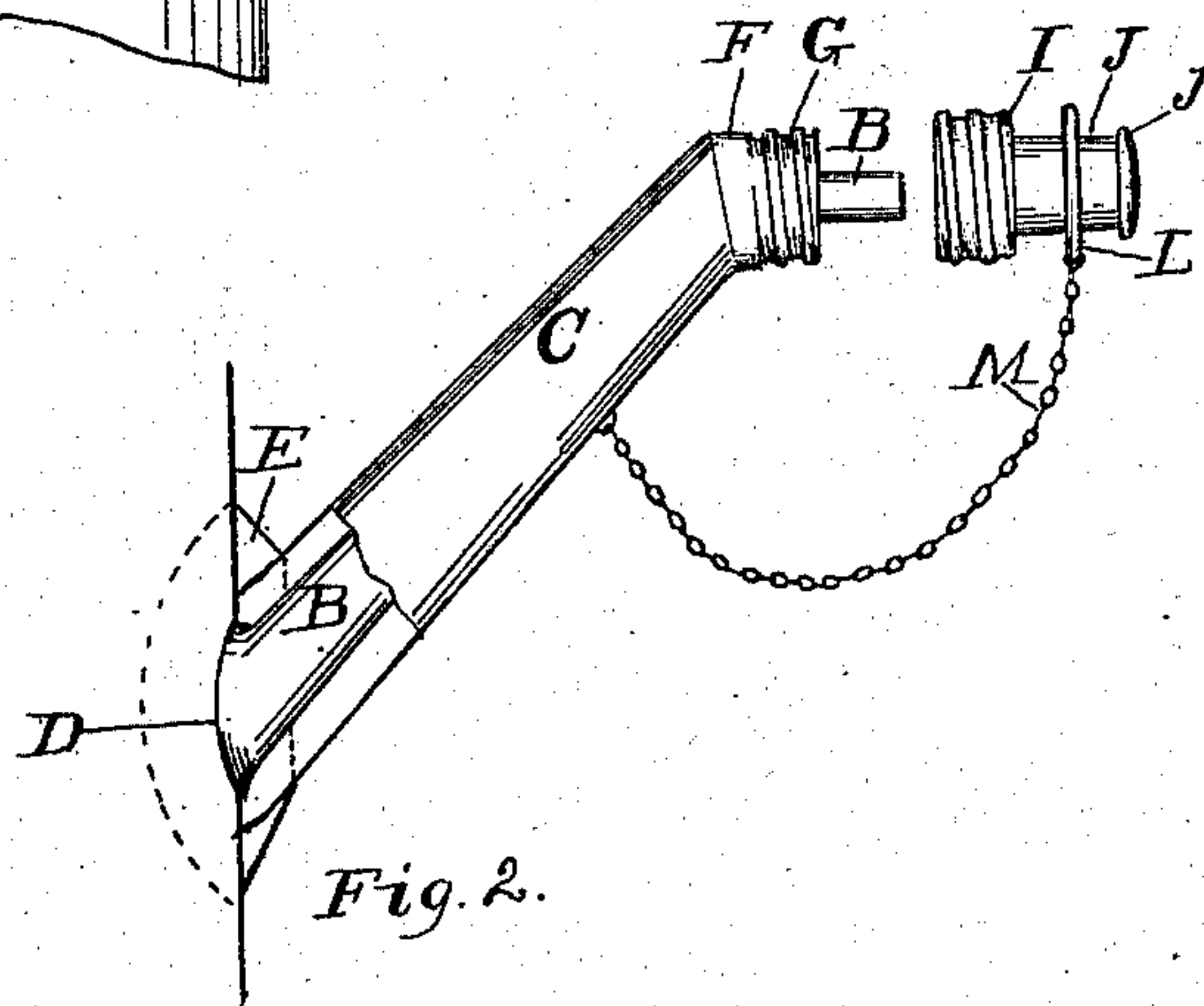
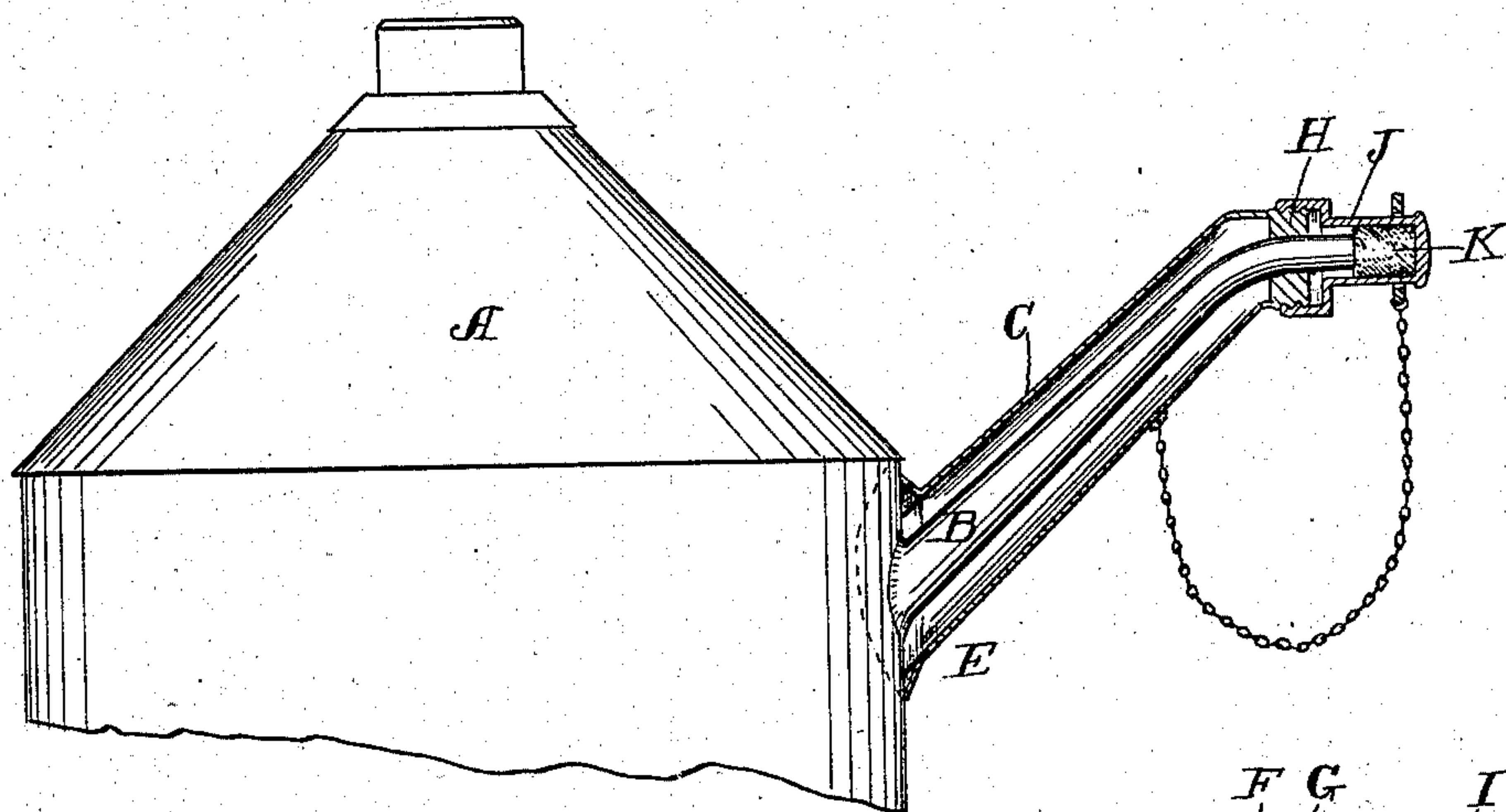
(No Model.)

I. T. MEE.

CAN NOZZLE.

No. 291,375.

Patented Jan. 1, 1884.



WITNESSES:

Robert Kirk
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By

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UNITED STATES PATENT OFFICE.

ISAAC T. MEE, OF CEDARTOWN, GEORGIA.

CAN-NOZZLE.

SPECIFICATION forming part of Letters Patent No. 291,375, dated January 1, 1884.

Application filed August 24, 1883. (No model.)

To all whom it may concern:

Be it known that I, ISAAC T. MEE, of Cedartown, in the county of Polk and State of Georgia, have invented a new and useful Improvement in Can-Nozzles, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a side view, partly in section, of my improved can-nozzle. Fig. 2 is a perspective view, showing manner of applying the same.

The object of the present invention is to provide an improved can-nozzle; and it consists in having an outer case or tube soldered at its outer end to the nozzle. The large head thus formed at the outer end of the nozzle is provided with a threaded cap for screwing on tight. The reduced portion of this cap is provided with a piece of felt or rubber, fitting tightly against the end of the nozzle when the cap is screwed on. A collar is placed on the tube and provided with a chain, the opposite end of which is soldered to the outer case of the nozzle, which prevents the cap from becoming lost.

In the drawings, A is an ordinary can, having a nozzle, B, of ordinary size and construction. A case or jacket, C, somewhat larger in size than the nozzle proper, and of the same general form, is placed on the outside of the nozzle. In manufacturing, the base D of the nozzle is flared outwardly somewhat, and afterward soldered to the can. The jacket is made somewhat shorter than the nozzle, in order to allow room for soldering the nozzle, after which a boss, E, is soldered around the jacket, for the purpose of holding it more rigid. The upper end or head, F, of the outer case is provided with a thread, G, for the purpose hereinafter described. Between the threaded part G and the inner nozzle the space H is filled in with solder, which secures them in position relatively to each other. The end of the inner nozzle, B, however, is allowed to project a short distance beyond the threaded end G. A cap, I, is arranged with threads internally and of such a size that it will fit the thread G of the screw on the end of the nozzle. This cap is provided with a

tube, J, large enough to fit over the end of the nozzle B. The outer end of this tube is closed, while externally the rim is provided with a flange, J'. Within the tube a piece of cork, rubber, felt, or any suitable material, K, is placed, its object being to fit tightly against the end of the nozzle, when the cap is screwed on, to prevent the oil from escaping. A loose collar, L, is placed on the reduced end of the cap I and inside of the flange J', to which a chain, M, is secured, the opposite end of the chain being soldered to the jacket of the nozzle. This is for the purpose of securing the cap to the can when it is removed from the end of the nozzle; and that the chain may not become twisted when screwing the cap on and off, the collar is made large enough to turn loosely on the reduced end J.

The cap may either have a piece of cork or other flexible material, as specified. In this case the cap need not fit tightly on the end of the nozzle; or the cap may be of such a size as to fit tightly on the end of the nozzle. In this latter case the material in the end of the cap may be dispensed with. However, if desired, both forms may be used.

By having the outer case arranged as described the whole is materially strengthened, and gives room for the cap to be screwed on. At the same time the material in the end of the cap and the cap itself, fitting tightly on the end of the nozzle, combine to render it practically air-tight.

What I claim is—

1. A can-nozzle having a re-enforcing case or jacket surrounding it, the outer end or head provided with a thread, substantially as herein set forth.

2. In an oil-can, a case or jacket bent so as to conform to the shape of an ordinary can-nozzle, placed over and soldered to the nozzle, as shown, the exterior case having a thread, in combination with a screw-threaded cap, substantially as herein set forth.

3. In an oil-can, a case or jacket, the outer end provided with a thread, combined with the internally-threaded cap arranged to fit on the head of the case or jacket, the reduced external end provided on its inner side with packing, substantially as herein set forth.

4. The combination of the spout having a rigid case or jacket, also soldered to the can, said spout and jacket being attached together at their outer ends, with the spout-tip projecting beyond the end of the jacket screw-threaded, with the screw-threaded cap or head having a reduced portion to receive the packing, substantially as herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand, this 31st day of 10 July, 1883, in the presence of witnesses.

ISAAC T. MEE.

Witnesses:

JNO. H. MOSS, Jr.,
THOMAS BURRY.