

E. T. Corvell,
Oil-Can Can and Spout.
No 104,275. Patented June 14, 1870.

Fig: 1.

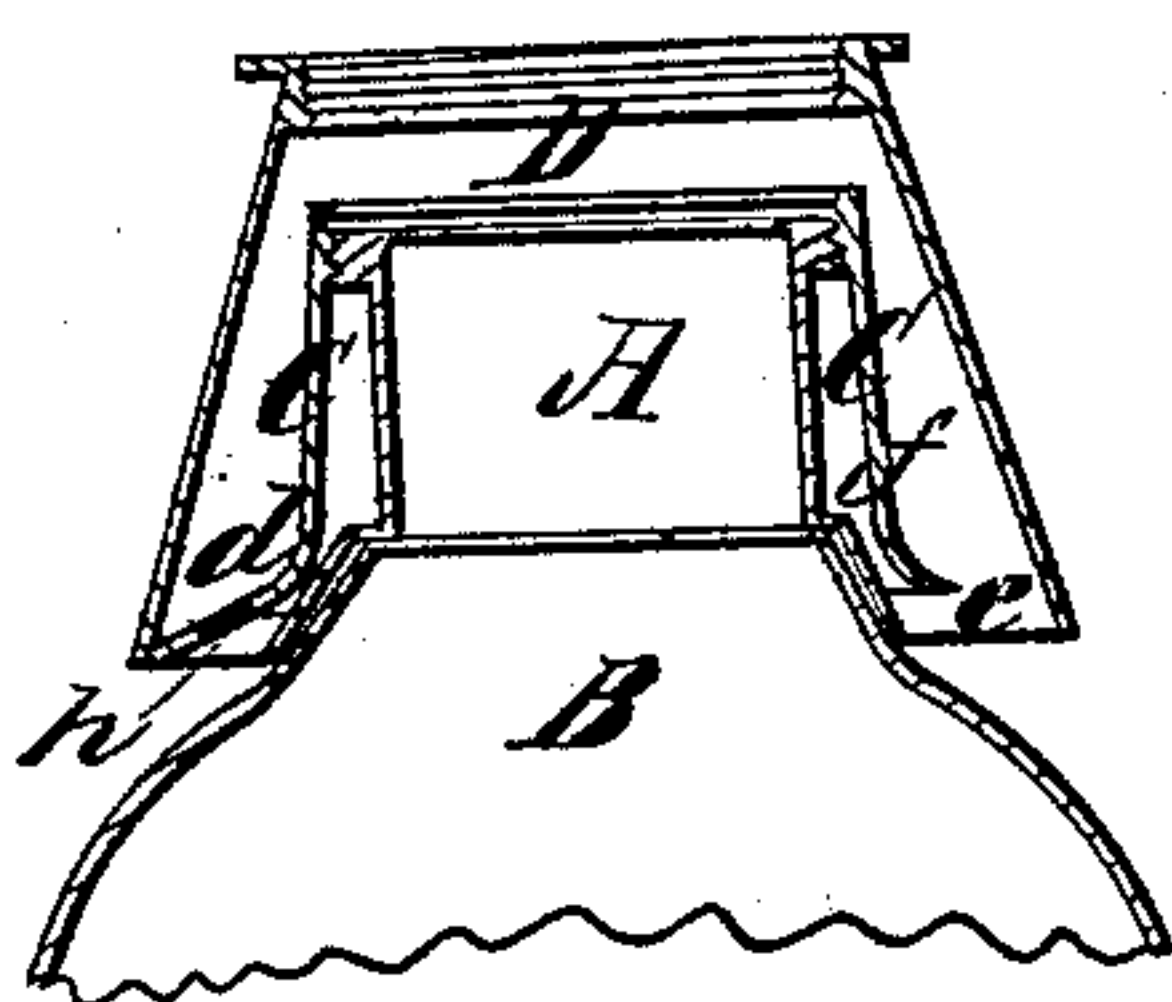


Fig: 2.

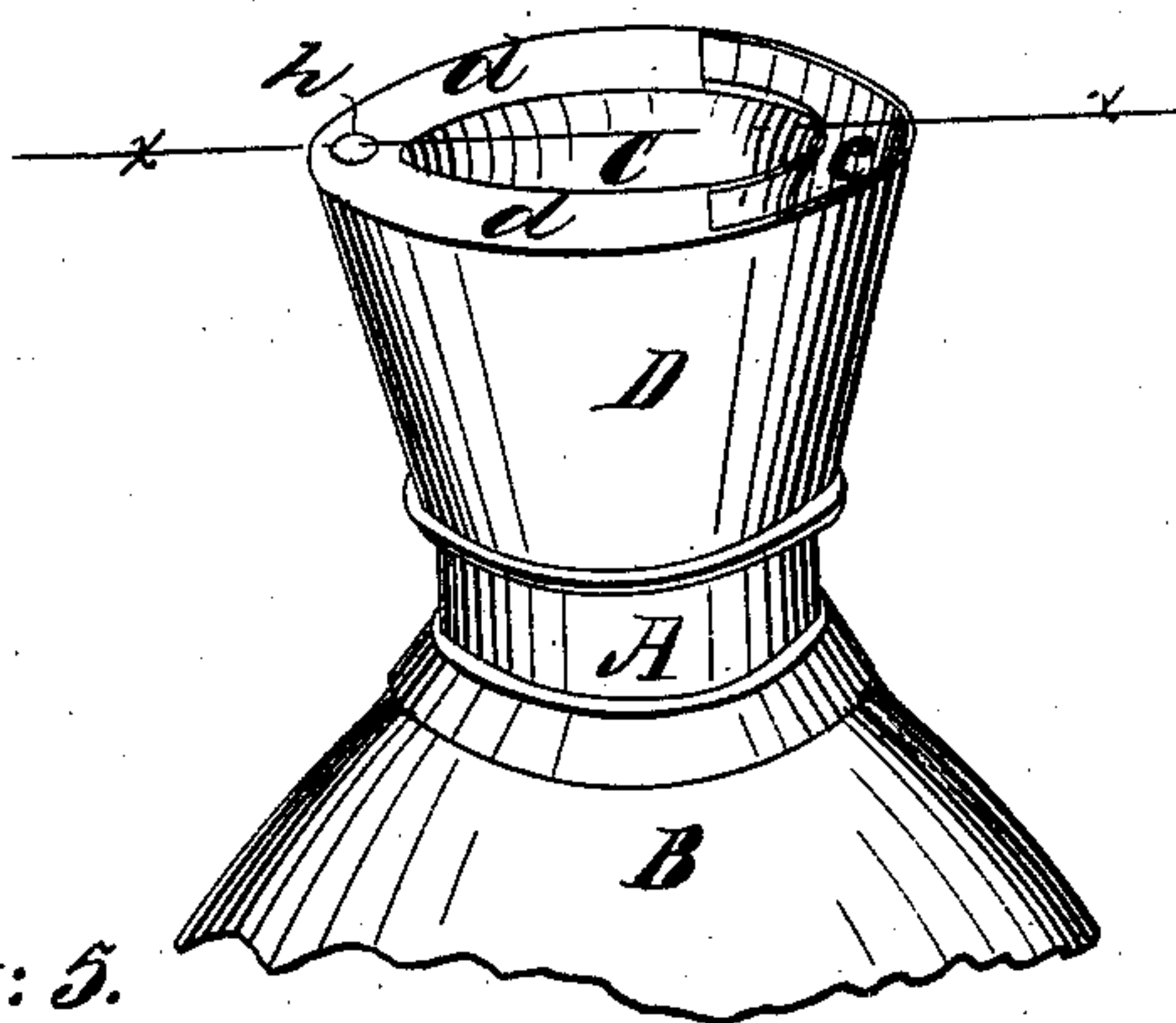


Fig: 7.

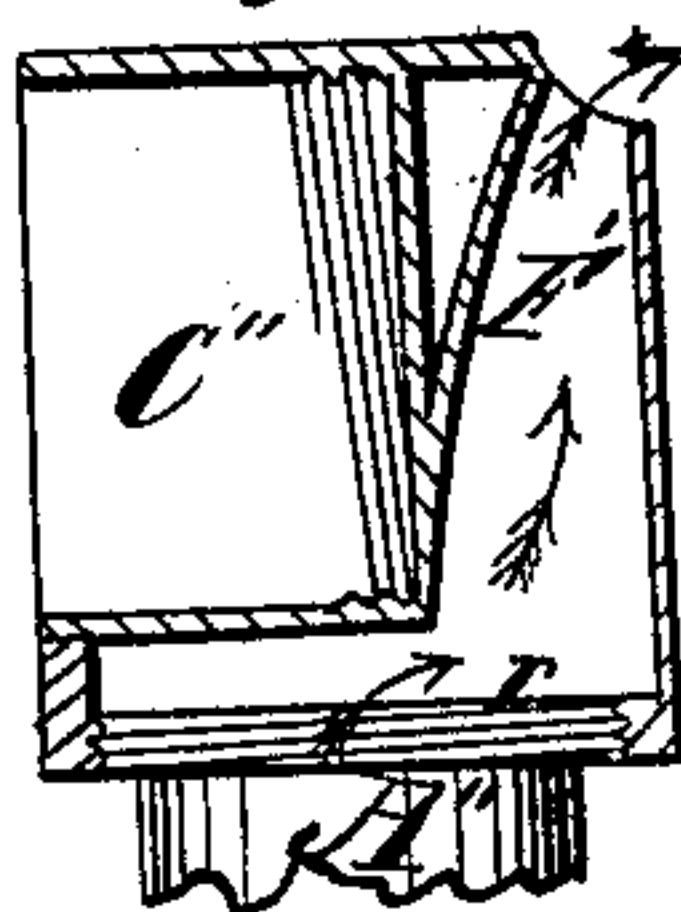


Fig: 5.

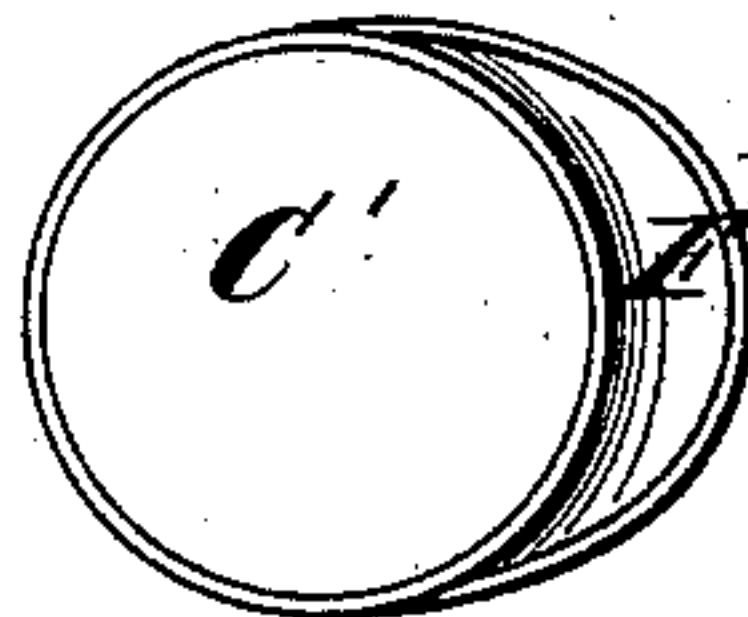
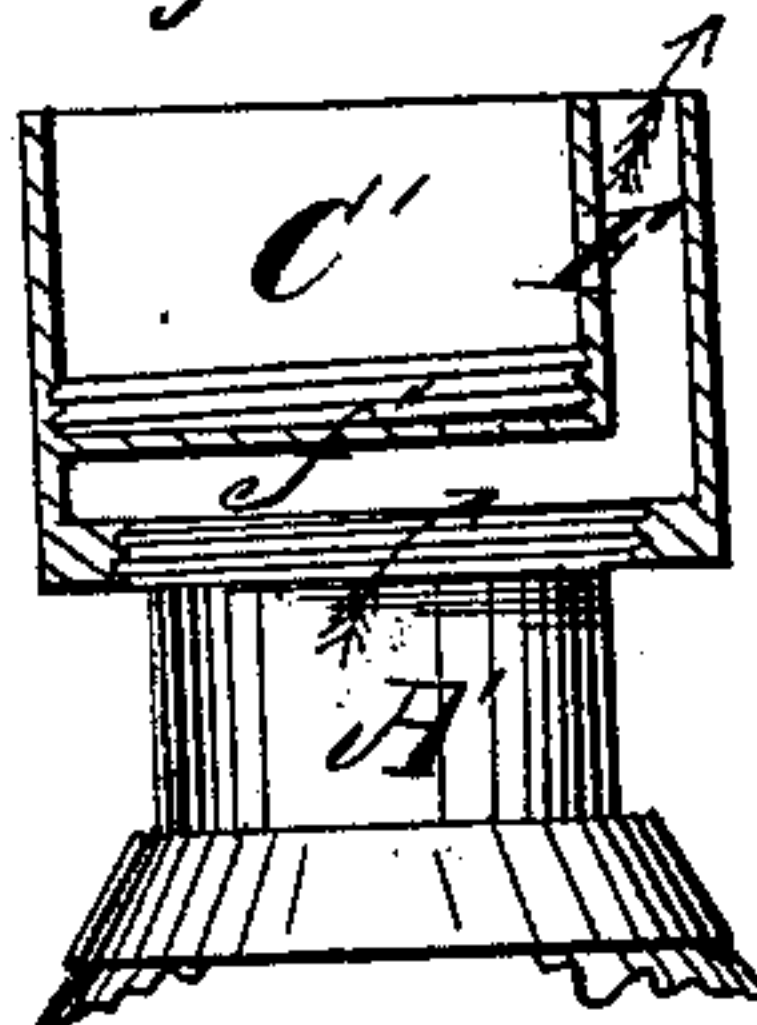


Fig: 6.

Fig: 3.

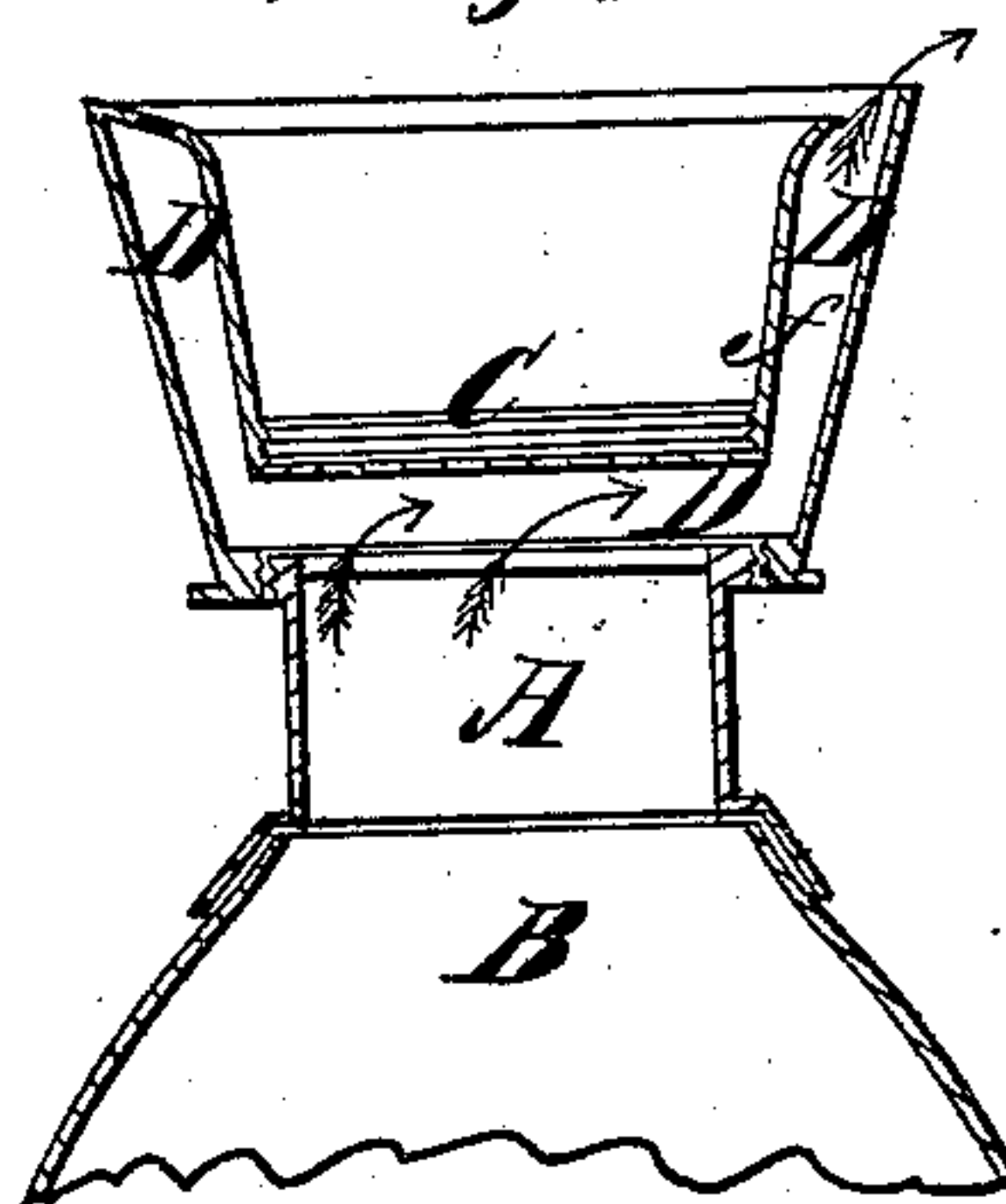
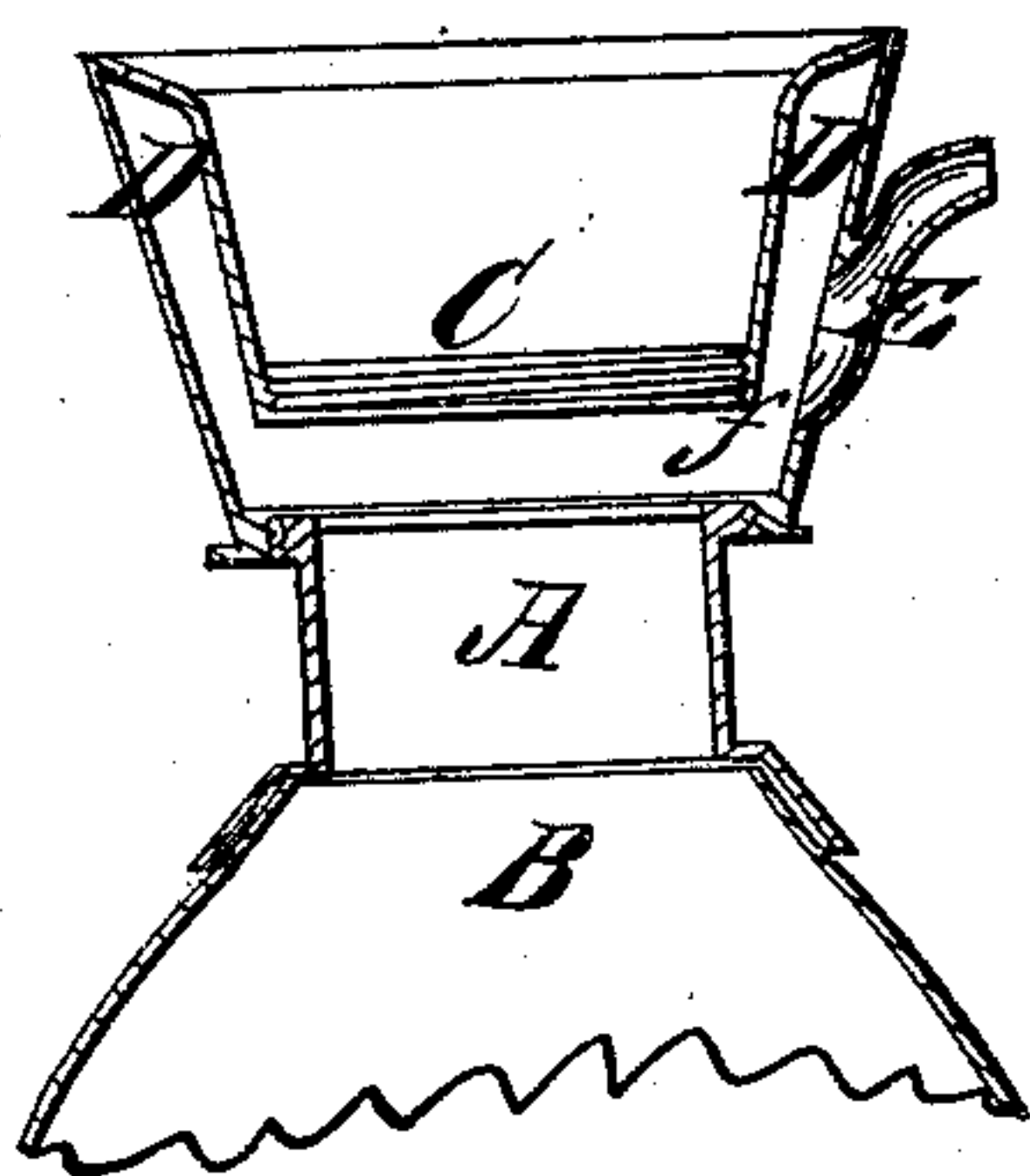


Fig: 4.



Witnesses:

George Haselline
H. H. Young

Inventor:

Edward S. Corvell

By David A. Burr
att'y

UNITED STATES PATENT OFFICE.

EDWARD T. COVELL, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN REVERSIBLE CAP AND SPOUT FOR OIL-CANS.

Specification forming part of Letters Patent No. **104,275**, dated June 14, 1870; antedated June 6, 1870.

I, EDWARD T. COVELL, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Reversible Cap and Spout for Oil-Cans and other vessels, of which the following is a specification:

My invention relates to the combination in one device of a discharging spout, tube, or conduit with a cap for closing and sealing cans and other vessels, the device being so constructed, as hereinafter described, that by its reversal it may be made to serve either as a cap or as a spout for the vessel, fitting, in either case, closely and securely upon the nozzle thereof, the object of said invention being to provide, in one simple compact device, both a sealing-cap and a discharge-spout to fit upon the nozzle of an oil-can or other vessel.

Figure 1 of the accompanying drawing is a vertical central section illustrating my improved device when applied as a cap to close and seal the nozzle of a can; Fig. 2, a view in perspective of the same device reversed, and fitted upon the same nozzle, to serve as a spout for the discharge of the contents of the vessel. Fig. 3 is a central vertical section in the line *x x*, drawn across Fig. 2; and Figs. 4, 5, 6, and 7 are similar central sections of varied forms of the device, illustrating modifications in its construction, Fig. 6 being a top view of Fig. 5.

A in the drawing is a metallic nozzle, fitted and secured in the usual manner to the opening of an oil-can or other vessel, B, and provided with a screw-thread, spun around or otherwise formed or secured exteriorly upon its outer rim. C is a metallic cap, interiorly threaded to screw upon the nozzle A and fit down over it. D is a cup-shaped or funnel-shaped spout, threaded at its smaller end to fit upon the nozzle A of the can. The cap C is placed within the spout D, and the two are firmly united, secured, and combined, either by means of a strip, *d*, extending from the rim of the open end of the cap to the rim of the outer end of the spout, as shown in the drawings, Figs. 1 and 2, or by bending outwardly the rim of the cap and securing it to the rim of the spout without an intervening strip, *d*.

The connection of the cap and spout, by means of the strip *d* or otherwise, as described,

is interrupted sufficiently, as illustrated in Fig. 2, to leave or form a discharge-opening, *e*, for the outflow of the liquids passing from the can into the space *f*, between the spout D and cap C. (See Fig. 3.) A vent-hole, *h*, is pierced in the connecting and closing strip *d*, at a point opposite the discharge-opening *e*.

Where a more definite discharging-conduit is required than that supplied by the opening *e*, said opening may be entirely closed by an extension of the strip *d*, and a spout, E, be secured to the side of the spout D, to communicate with the space *f* therein, as illustrated in Fig. 4.

It is not essential to my invention that the space *f* between the outer shell D of the spout and the cap C, through which the contents of the vessel are discharged, shall be continuous to extend entirely around the cap.

I contemplate any form of discharge-conduit formed upon either side of the cap, when provided with an opening made to fit upon the nozzle, to be covered and closed by the cap. I have illustrated two such modifications of my invention in Figs. 5, 6, and 7 of the drawing.

In Fig. 5, C' is the metallic cap; *f''*, a space over the top of the cap, provided with a threaded flanged opening to screw upon the nozzle A'; and F, a conduit or discharge-spout springing from the side of the cap, as shown in Fig. 6, and connecting with the said space *f''*, as shown in Fig. 5.

Fig. 7 illustrates my device when constructed with the cap and spout at right angles to each other.

A'' is the nozzle upon the oil-can. C'' is the metallic cap in my device, made as hereinbefore described, so as to screw upon and cover the nozzle A'', when desired. F' is a conduit or discharge-spout, formed over the top of the cap, and provided with a threaded opening, *r*, on the side of the cap, to screw upon said nozzle A'', as shown in the drawing.

Instead of screwing the cap and spout upon the nozzle of the can, as herein described, the one may be closely fitted upon the other without screw-threads, and in such case the joints may be made tight by a lining of cork or its equivalent, as is customary.

I claim as my invention—

The combination, in one device, substantially as herein set forth, of a cap, to cover, close, or seal an oil-can or other vessel, and a spout or conduit to facilitate the discharge of its contents, when the combined cap and spout are made to fit interchangeably upon the same nozzle or opening in the vessel, substantially as herein described.

This specification of my reversible cap and spout signed by me this 20th day of November, A. D. 1869.

E. T. COVELL.

Witnesses:

W. H. GARRISON,
I. O. HORTON.