

(No Model.)

W. SNOW.
OIL CAN.

No. 308,389.

Patented Nov. 25, 1884.

Fig. 1.

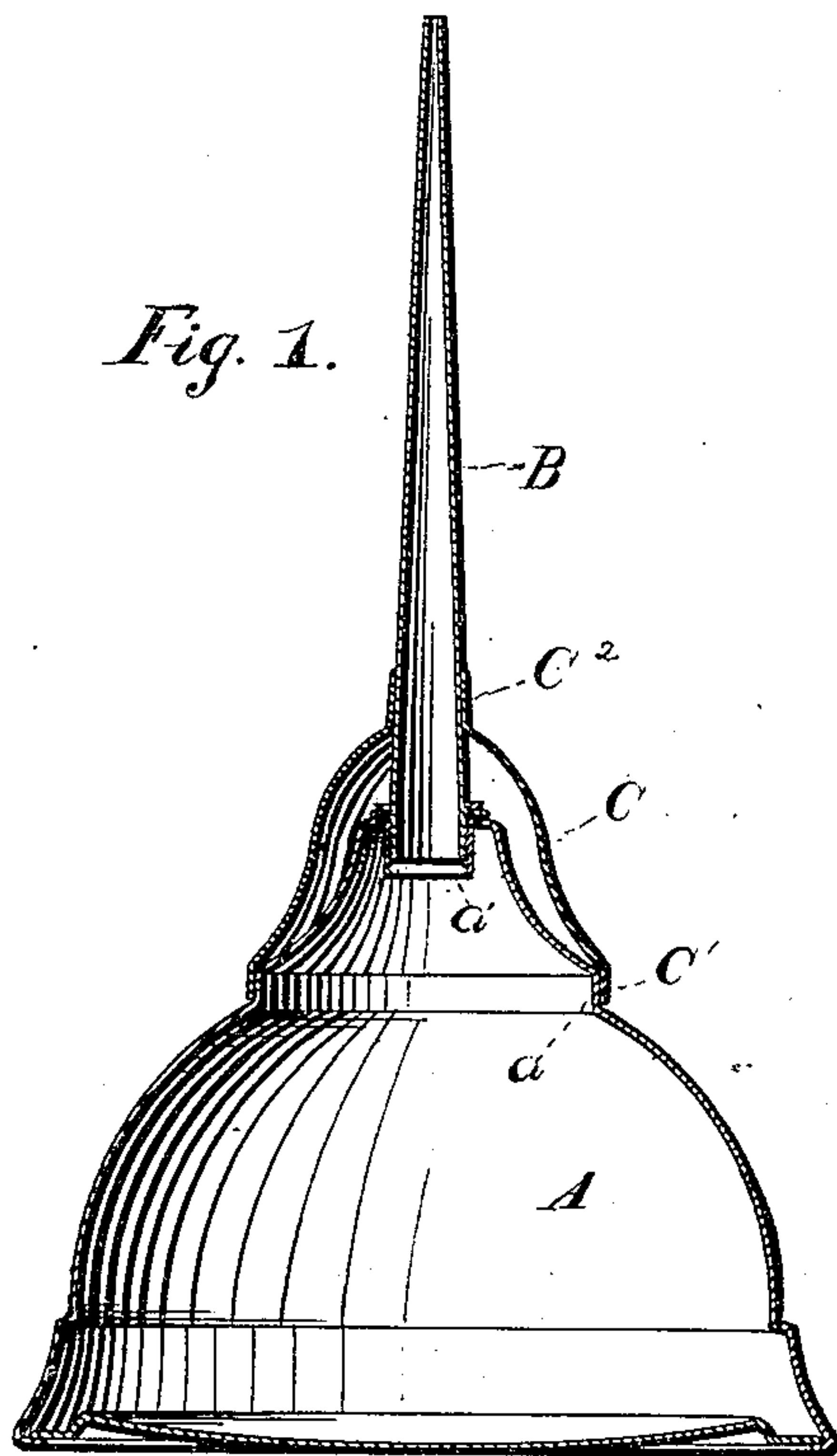


Fig. 2.

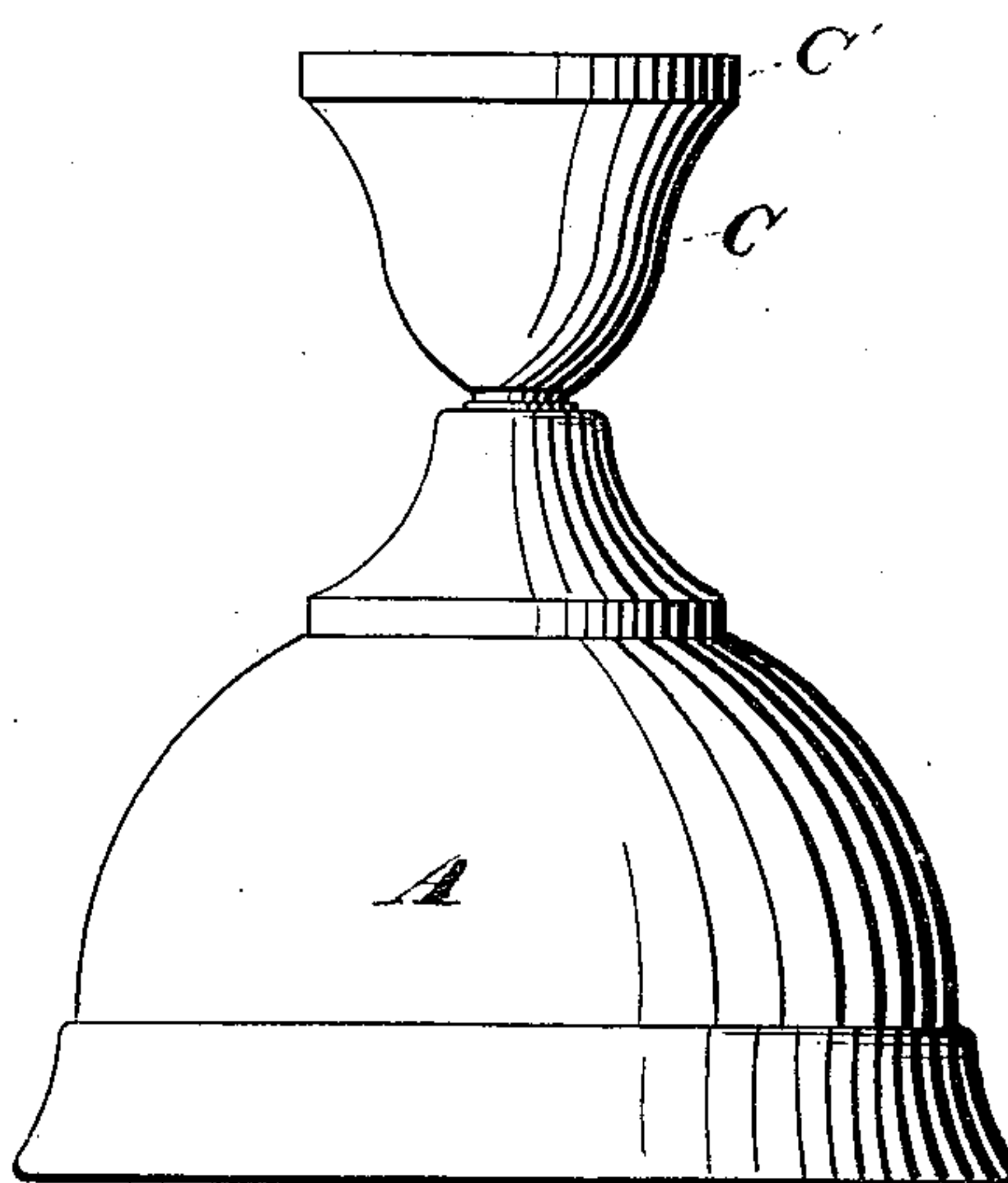
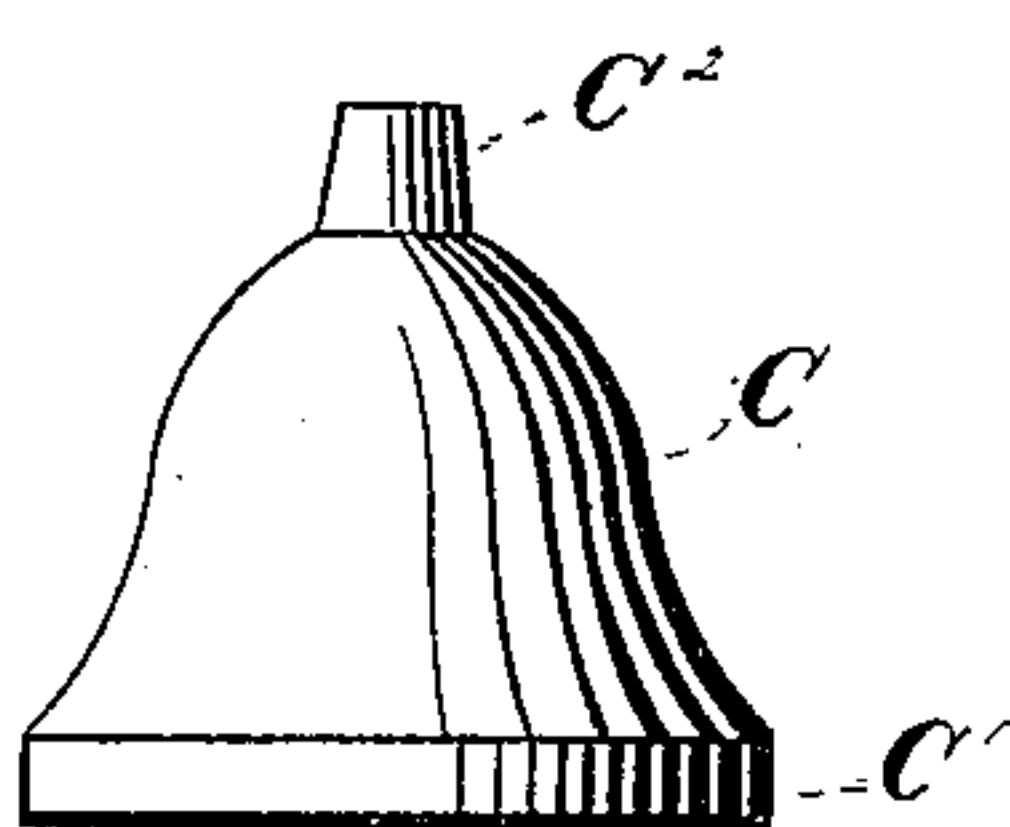


Fig. 3.



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UNITED STATES PATENT OFFICE.

WILLARD SNOW, OF MOUNT VERNON, DAKOTA TERRITORY.

OIL-CAN.

SPECIFICATION forming part of Letters Patent No. 308,389, dated November 25, 1884.

Application filed June 5, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLARD SNOW, a citizen of the United States, residing at Mount Vernon, in the county of Davison and Territory of Dakota, have invented certain new and useful Improvements in Oil-Cans; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to that class of hand oil-cans in which a cap is placed over the head of the can and oiling-tube, which cap is capable of being removed and inverted, to serve as a funnel whereby the can may be filled.

It consists in the novel combination of parts constructed and conformed one to the other, substantially as hereinafter more fully described and claimed.

In the drawings, Figure 1 is a vertical section of my can. Fig. 2 is a side view of the can with the oil-tube removed and the cap inverted into the position for filling the can. Fig. 3 is a side view of the cap.

The can A is of ordinary form, except that near its upper end I form an approximately vertical or cylindrical ring or portion, *a*, above which the can is inclined or tapered inward toward the oil-opening *a'*, in which the oiling nozzle or tube B is screw-threaded or otherwise suitably secured so it may be readily removed for any desired purposes. This nozzle is tapered to its point, as shown in Fig. 1. The cap C is formed at its lower edge with the vertical annular flange or cylinder *C'*, which fits snugly on the portion *a* of the can, and it has its upper end provided with a tapering neck, *c'*, fitted to be sleeved on and snugly embrace the oiling-nozzle. I form the flange so it will fit snugly and bind on the part *a* in such manner as to retain the cap on the can. I thus avoid the use of screw-joints or other expedients to connect the parts. The upper end of the cap is preferably formed, as described, so it will fit snugly the oiling-nozzle and thus prevent the ingress of dust.

I also prefer to make the cap of such length that it will extend beyond the open end of the can and brace the oiling nozzle or tube, as will be understood.

When the several parts are in the position shown in Fig. 1, the can is ready for use. When the can is emptied and it is desired to fill it, the nozzle or tube is removed and the cap inverted, and the neck inserted into the discharge-opening *a'*, so that the oil may be poured therein and will pass into the can. It will be noticed that by forming the ring or portion *a* approximately vertical or cylindrical I provide a bearing on which the conformed edge flange or ring of the cap will firmly bind in the operation of the device. It will also be noticed that the opposite ends of the cap-piece, being conformed to and adapted to bind the one against the can and the other against the nozzle, form practically an air-tight covering for the joint of can and nozzle, and will prevent the oil from being forced through said joint by the air-pressure, so that leakage in that direction is avoided and a better acting can is consequently provided.

While I prefer the form of cap-piece shown for the purposes before described, it is manifest for this last-named purpose the form of the packing or binding parts of such can might be modified without involving a departure from the broad spirit of my improvement.

I am aware that heretofore there has been patented a removable funnel capable of fitting the filling-orifice of an oil-can for oiling machinery, and fitting closely about the base of the filling-nozzle and resting like a cap upon the body of the can when the can is in use. This I do not broadly claim, for my invention has for its object the relative construction of the can and cap-piece or filler, so the latter will bind on the can and of itself be held in place thereon when the can is in use, thus dispensing with rubber rings and similar retaining devices; also, by the manner of securing the cap-piece or filler on my can when in use the latter forms practically air-tight fittings on both sides of the joint of the said joint-nozzle and can, whereby the said joint is prevented from leaking.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The combination, with an oil-can formed with an approximately-cylindrical portion or ring, *a*, and provided with a nozzle, B, of the cap-piece C, having its lower edge formed with a cylindrical ring, C', fitted and adapted to bind on the part *a* of the can and retain the cap-piece on the can, and having its other end provided with a tube, C², adapted to be

inserted in the mouth of the can, and having its outer end fitted closely to and binding on the nozzle and bracing the same, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

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WILLARD SNOW.

Witnesses:

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R. F. SCHOLTZ.