No. 790,080. PATENTED MAY 16, 1905.

A. R. SEAVY.

COMBINED OIL CAN AND FUNNEL.

APPLICATION FILED DEC. 1, 1904.

Fig. 2.

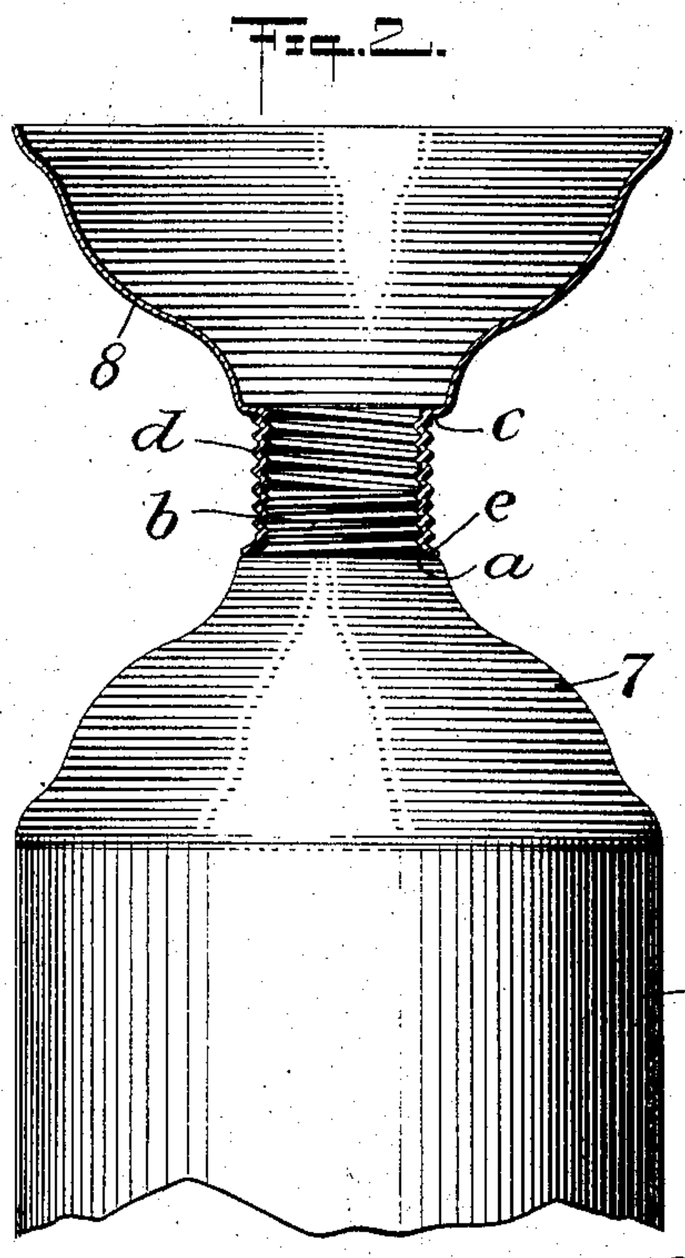


Fig. 1.

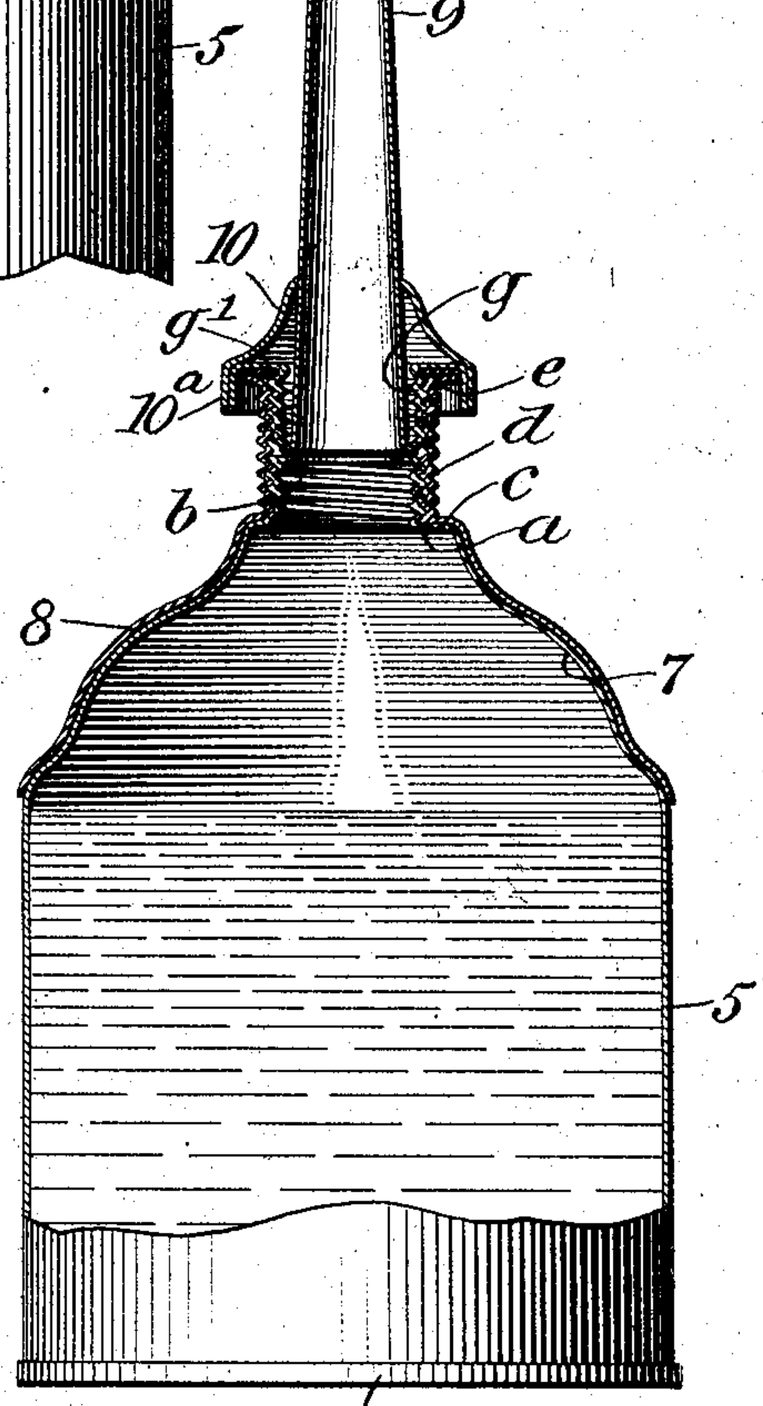
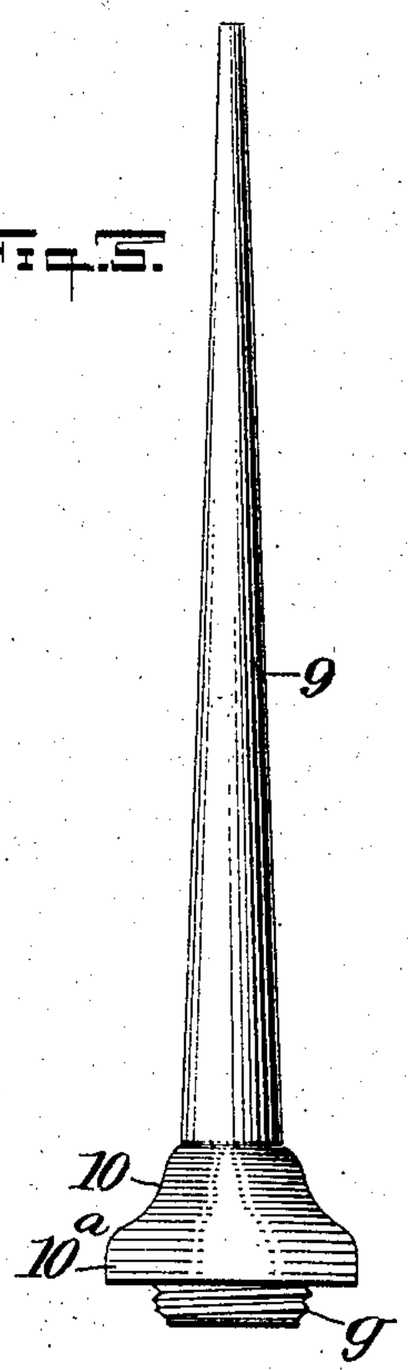


Fig. 5.



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No. 790,080. Patented May 16, 1905.

UNITED STATES PATENT OFFICE.

ADELBERT R. SEAVY, OF RICEVILLE, IOWA.

COMBINED OIL-CAN AND FUNNEL.

SPECIFICATION forming part of Letters Patent No. 790,080, dated May 16, 1905.

Application filed December 1, 1904. Serial No. 235,041.

To all whom it may concern:

Be it known that I, ADELBERT R. SEAVY, a citizen of the United States, and a resident of Riceville, in the county of Mitchell and State of Iowa, have invented a new and Improved Combined Oil-Can and Funnel, of which the following is a full, clear, and exact description.

The object of this invention is to provide a novel, convenient, and reliable funnel attachment for an oil-can which is normally carried upon the body of the can near the spout and adapted for removal and reversal in position on the can, thus affording a capacious funnel disposed above and concentric with the can-opening, so that oil may be freely poured into the can-body through the funnel and avoid the loss of any of the oil and, furthermore, afford a drip-catching cup at the base of the spout of the can, which will arrest the overflow or drip of oil that may run down the spout.

The invention consists in the novel construction and combination of parts, as is hereinafter described, and defined in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a side view, partly in section, of an oil-can, the improved funnel inverted and secured upon the upper portion of said can and a can-spout screwed into the nozzle of the can, whereon the funnel-nozzle is mounted. Fig. 2 is a side view of the upper portion of an oil-can and a sectional side view of the funnel attachment mounted for service thereon, and Fig. 3 is a side view of the spout for the oil-can.

The body 5 of the can is cylindrical, as shown, but may be polygonal, if this is preferred, a bottom wall 6 sealing the lower end thereof. At a suitable distance from the bottom 6 the body 5 is contracted somewhat, so as to render it substantially coniform, as at 7, the diametrically-reduced upper end first turning inwardly to produce a flat base-flange *a*, from which projects a threaded collar *b* at the inner edge thereof.

A funnel, which is a coacting feature of the oil-can, is formed with a substantially coniform body portion 8, that is proportioned to fit upon the exterior of the converged top portion 7 of the can-body and closely in contact therewith when mounted upon the same. An inwardly-turned flange *c* is formed on the contracted upper end of the funnel-body 8, and from the inner edge of the flange *c* a sleeve-nut *d* projects that is threaded internally, as is shown in Figs. 1 and 2, said sleeve-nut preferably terminating at its free end in a radial flange *e*. When the funnel is to be placed upon the oil-can so as to contact with the top portion 7, the sleeve-nut *d* is screwed upon the exteriorly-threaded collar *b*, so that the flange *c* on the funnel seats upon the base-flange *a* on the top portion of the can-body. The sleeve-nut *d* is of sufficient length to adapt it to project somewhat above the collar *b* when it is screwed thereon, so as to seat the flange *c*, as explained, this elongation of the nut affording a female thread which receives an externally-threaded end on a spout 9. The oil-discharging spout 9 is tapered, as usual, and is of a length which will adapt it for effective service, and upon the larger lower end of the spout an annular cap-piece 10 is secured. The cap-piece flares outward and downward from the body of the spout 9 and terminates in a depending circular flange 10^a. A hollow screw-threaded shank *g* is held concentrically within the depending circular flange 10^a by means of a radial flange *g'* formed on the upper end of said shank, as is shown in Fig. 1. The exterior diameter of the threaded shank *g* is such that it may be neatly screwed into the upper portion of the sleeve-nut *d* until the radial flange *g'* seats upon a washer intervening the flange *g'* and the radial flange *e*, as shown in Fig. 1, and it will be seen that the described connection of the funnel-sleeve nut *d* with the collar *b* and the threaded shank *g* within the upper portion of the sleeve-nut produces a positive liquid-tight connection of the spout with the funnel and can-body.

When it is desired to employ the funnel-body 8 for the conveyance of oil from any vessel through the funnel into the can-body 5, the funnel is removed from the can and inverted, the sleeve-nut *d* being screwed upon

the collar *b* until the radial flange *e* on the free end of said nut seats upon the base-flange *a* at the lower end of said threaded collar, as is clearly shown in Fig. 2. It is obvious that after the can is filled any excess of oil poured into the funnel will be held therein and may be readily decanted into a receptacle.

In case it is desired to prevent any of the oil from running down over the exterior of the can-body the funnel may be adjusted in position as shown in Fig. 2, and the spout-shank *g* may be screwed into the sleeve-nut *d*, which will connect the spout with the can-body and adapt the funnel to catch any oil that may run down on the spout, such dripping being readily drained from the funnel that acts as a cup.

It will be seen that the funnel as described is a coacting detail for connecting the spout of the oil-can with the can-body either when in service as a cup or when mounted upon the upper portion of the can for convenient portage therewith.

Having described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination with the tapered upper portion of a can-body, and an externally-threaded collar on said portion of a can, of a funnel conforming in shape with the tapered upper part of the can, a sleeve-nut on the smaller end of the funnel screwing upon the collar, and a spout having an externally-threaded shank screwed into the sleeve-nut above the collar inserted into the lower portion of the sleeve-nut.

2. The combination with a can having a cylindrical body, a tapered upper portion thereof terminating in a flat base-flange, and a central externally-threaded collar extended from the base-flange, of a funnel conforming in shape to that of the tapered upper end of the can, a sleeve-nut concentric with the funnel-body and extended from its smaller end, said sleeve-nut having greater length than the collar and terminating in an outwardly radial flange at its free end, and a tapered spout having an externally-threaded shank on its larger end adapted to screw into the sleeve-nut above the collar therein, said shank having a radial flange that seats upon the radial flange on the sleeve-nut when the spout is fully mounted upon the funnel and can.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ADELBERT R. SEAVY.

Witnesses:
JACK BENSON,
C. E. ADAMS.