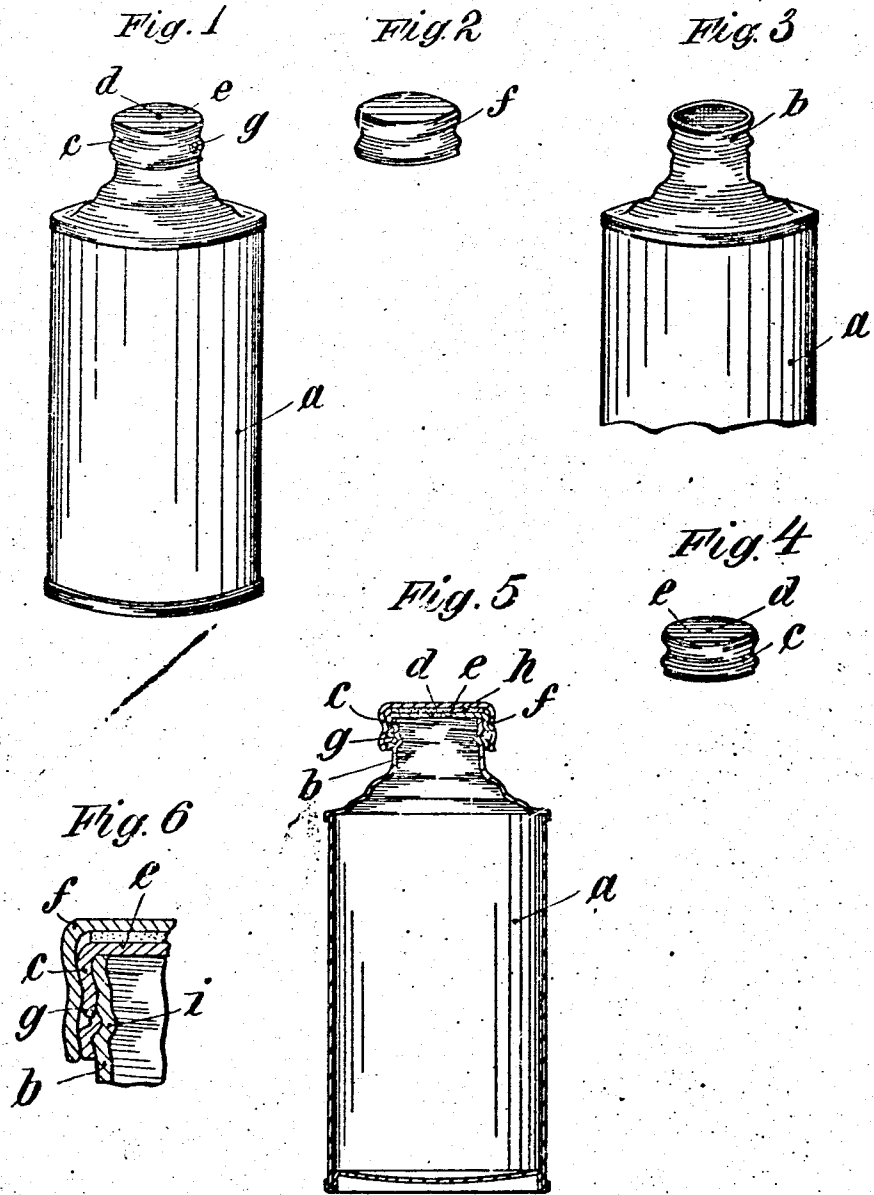


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 RECEPTACLE WITH SPRINKLER HOLE IN A CAP.
 APPLICATION FILED NOV. 30, 1908.

944,890.

Patented Dec. 28, 1909.



Witnesses
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UNITED STATES PATENT OFFICE.

EMIL MEYERS, OF WEISSENSEE, NEAR BERLIN, GERMANY.

RECEPTACLE WITH SPRINKLER-HOLE IN A CAP.

944,890.

Specification of Letters Patent. Patented Dec. 28, 1909.

Application filed November 30, 1908. Serial No. 465,216.

To all whom it may concern:

Be it known that I, EMIL MEYERS, a citizen of the United States, residing at Streussstrasse 95/96, Weissensee, near Berlin, in the Kingdom of Prussia and Empire of Germany, have invented new and useful Improvements in a Receptacle with Sprinkler-Hole in a Cap, of which the following is a specification.

10 My invention refers to a bottle or other receptacle with a sprinkler-hole arranged in a cap which embraces the neck of the receptacle and which is covered by another cap to close the receptacle. This receptacle is specially adapted for containing liquid cleaning means and the like.

One object of the invention is to provide a receptacle of this character, wherein the cover-cap is directly screwed on the sprinkler-cap and means are provided for preventing the sprinkler-cap from being unscrewed with the cover-cap when the latter is removed.

With these and other objects in view my invention consists in the details of construction and combination of elements hereinafter set forth and specifically designated by the claim.

In the drawings: Figure 1 is a perspective view of a metal bottle or can provided with this improvement, the closing cover-cap being removed; Fig. 2 is a perspective view of the cover-cap detached; Fig. 3 is a similar view of the upper part of the bottle without the sprinkler-cap; Fig. 4 is a similar view of the sprinkler-cap detached; Fig. 5 is a longitudinal sectional view of the whole closed bottle; Fig. 6 is detail section of the neck of the bottle with the two caps on an enlarged scale illustrating more clearly the means for securing the sprinkler-cap on the neck of the bottle.

In these drawings *a* designates the body of the receptacle, the neck *b* of which is screw-threaded on its outside in the usual manner. The sprinkler-cap *c* is provided with the sprinkler-hole *d* on its flat upper face *e* and the flange or body thereof is screw threaded both inside and outside. The internal thread is intended to screw the cap on the neck *b* of the receptacle and the outside thread is intended for fastening a second cap *f* to close the receptacle to prevent the escape of the contents from the receptacle during transportation or when upset.

In the illustrated form of the device the

sprinkler-cap *c* is pressed from a tin plate or molded hence the inner and outer screw-threads are formed in one operation the outwardly pressed grooves of the inner screw forming the outer screw as may be clearly seen from Fig. 5.

In order to prevent the sprinkler-cap *c* from unscrewing on the unscrewing of the cover-cap *f*, means are provided for securing said cap *c* on the neck *b* of the receptacle after it has been filled with the liquid or other contents. For this purpose one or more impressions are made by means of tools such as nippers, pressing pins or the like into the cap after it has been screwed on the neck of the receptacle in such a manner that corresponding impressions *i* will be formed in said neck and the impressions *g* will lie in the holes or depressions *i* (see Fig. 6). These impressions serve as locks for preventing unscrewing of the sprinkler-cap from the neck of the receptacle. It would not be possible to attain the same good result by the use of rivets, pins or the like, as these would interfere with the tightness of the receptacle and soldering of the cap to the receptacle neck would be impossible when the receptacle is filled with inflammable liquids. On the inside of the top cap *f* a washer *h* of cork or the like is arranged.

The bottom *j* of the metal can or bottle *a* may be made elastic in such a manner that the liquid may be sprinkled from the hole *d* when pressure is exerted against said bottom from the outside.

What I claim as my invention and desire to secure by Letters Patent is:

In a receptacle provided with a screw-threaded neck, a metal cap having a sprinkler-hole and provided with inner and outer screw-threads, said outer screw-threads being formed by the outwardly pressed inner threads, and said sprinkler-cap being screwed on said neck, a cover cap screwed on said sprinkler-cap, impressions formed into the screw-thread of said sprinkler cap and in the neck below for preventing unscrewing of the sprinkler cap with the cover-cap.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

EMIL MEYERS.

Witnesses:

WOLDEMAR HAUTT,
HENRY HASPER.