

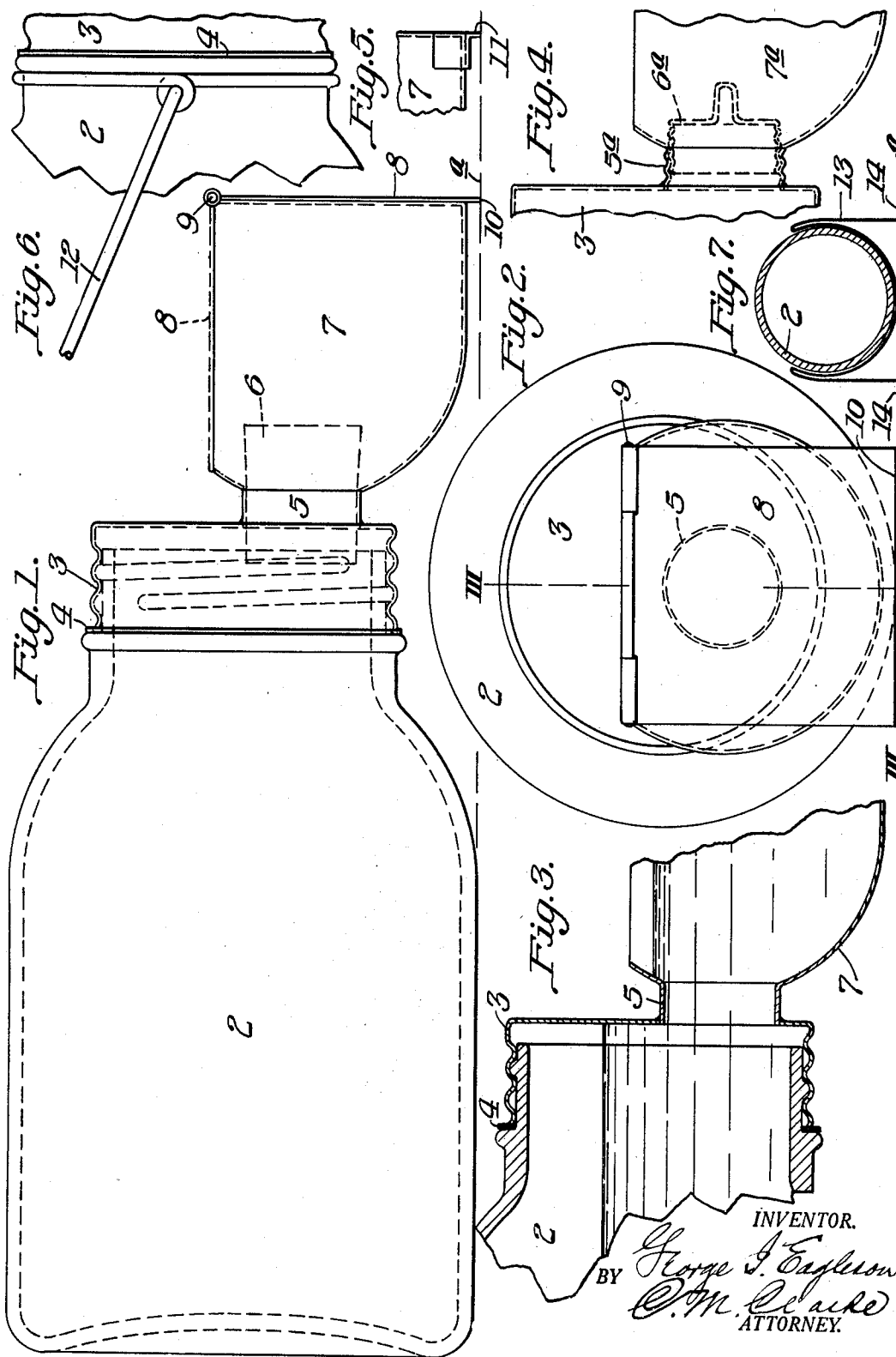
May 29, 1934.

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1,960,733

PAINT CONTAINER

Filed June 15, 1932



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UNITED STATES PATENT OFFICE

1,960,733

PAINT CONTAINER

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Application June 15, 1932, Serial No. 617,348

9 Claims. (Cl. 215—57)

My invention refers to improvements in containers for paint and the like, adapted to maintain a main body or volume of liquid when filled, and to deliver a portion thereof outwardly to an open supplemental chamber or cupped holder for use.

Generally stated, the invention comprises a main can or jar provided with a covering top having a stopper controlled outlet and an extended holding vessel for a portion of the contents.

The extending vessel or chamber is preferably provided with a covering top adapted, when open, to provide a terminal support maintaining the device in horizontal position upon a table or floor surface, as more fully hereinafter described.

Referring to the drawing showing certain preferred embodiments of the invention:

Fig. 1 is a view of the device in side elevation in horizontal position, ready for use;

Fig. 2 is an end view of Fig. 1;

Fig. 3 is a partial longitudinal sectional view on the section line III—III of Fig. 2;

Fig. 4 is a detail view showing a modified construction of stopper;

Fig. 5 is a detail view showing a modified form of cup support;

Fig. 6 is a further detail view showing a bail attachment;

Fig. 7 is a reduced size cross section through the main reservoir with a stabilizing bracket attached.

In the drawing, 2 represents the main holder or reservoir vessel of the device adapted to be filled with paint, varnish, or other suitable liquid commodity. The reservoir, in the form shown, may be a glass jar of the type of an ordinary Mason fruit jar.

It is provided with a screw cap cover 3 forming a sealing closure, preferably with an intervening gasket 4, at either end of the cap 3. The closure or cap 3 is provided with an extended neck 5, preferably located at one side of the axial center of the holder 2 and capable of receiving a stopper 6, such as an ordinary cork or the like.

Extending beyond the neck 5 is the supplemental service reservoir or cup 7 of sheet metal or the like, similar to cover 3 and of any suitable form and size, capable of receiving and holding a portion of the contents of vessel 2. Cup 7 is open at the top when in horizontal position and is provided with a cover 8 therefor hinged at 9. Cover 8 is of a form adapted to lie over the top of the cup as indicated in dotted lines, Fig.

1, and is provided with a straight outer edge 10 adapted, when clear open, to provide a lower bearing for contact with the surface *a* of a table, floor, or the like.

The opening through neck 5 is preferably located at one side of the main center line of the reservoir 2 so that, when in horizontal position, a portion of the contents will flow outwardly, partly filling the extended holding cup 7.

When the can or jar 2 is first used, and full of paint or the like, upon withdrawal of stopper 6 when erect and lowering of the device to horizontal position as in Fig. 1, a limited portion of the contents will flow outwardly through the neck until the cup 7 is filled to slightly above the neck opening, as in Fig. 3, preventing entrance of air to the interior of the jar or can 2.

Thereupon there will be no further outward flow through the neck until the contents of the supplemental reservoir or cup 7 are used, lowering its level sufficiently to allow for further outward additional flow.

Under such conditions a partial vacuum is formed in the upper interior of jar 2 retaining the contents against any undue over supply. When the level of the main contents is reduced below the sealing opening through the neck, there will then be maintained a common level, gradually lowering as the liquid is used. For discharging the final contents of jar 2 into the cup 7 it may be slightly tipped, sufficient to drain all remaining paint or the like, for final use.

In Fig. 4 I show a modified construction in which the neck 5a is extended inwardly to the cup reservoir 7a sufficiently far to provide a threaded terminal for reception of the closing plug 6a, with free return flow when reversed, as will be apparent.

The construction and operation of the invention will be apparent from the foregoing description. When first used, the stopper having been removed, and with the device in horizontal position with the cover 8 open and supporting the device against lateral tipping or rolling, the contents of cup reservoir 7 may be used by dipping a brush with removal of surplus against the edge in the usual manner, common in painting or varnishing operations.

The supply to the cup reservoir will be maintained continuously until the entire contents of the main reservoir are used. If however but a limited use is desired, the remaining surplus in cup reservoir 7 is readily returned to the main vessel by re-erecting the device on its supporting

bottom, in vertical position, as such containers are ordinarily located.

All of the contents of cup reservoir 7 will then drain back into the main holder when the stopper may be re-applied, confining the contents against air exposure and until a further use of the contents is desired.

It will be understood of course that if it is not desired to use the cover 8 for closing the upper portion of cup reservoir 7, it may be maintained open as a fixture, or that the outer wall may be extended downwardly to alinement with the plane of the longitudinal side of the holder 2. Otherwise, a supporting bracket or foot extension 11 may be secured along the lower edge of cup reservoir 7 adapting it to be supported throughout, or at its corner terminals, upon the level surface *a*. With either construction the entire device 2 may be thus held in a stable position against lateral tipping or rolling, to maintain it in proper position for use.

It will be understood also that the neck of vessel 2 or its cap 3 may be provided with a carrying bail or handle 12 of wire or the like, for vertical carrying by the user, assistance in storage, etc.

In case cover 8 or other means for preventing tipping are omitted from the cup 7, or even as additional means, the vessel 2 may be provided with a spring clip 13 having terminals 14 for support on the surface *a*.

The same effect may also be produced by forming extending bracing lugs or feet from the jar, when of glass, or supporting brackets of any suitable form, if of metal.

It will be understood also that the device may be made of different capacities and without limitation as to the material, shape, design, dimensions, etc. of the main holder, or of its covering cap or of the cup reservoir 7, and that these or various other details may be changed or varied by the skilled mechanic or manufacturer in utilizing the invention.

What I claim is:

1. In combination, a main generally cylindrical liquid container, a closing cap therefor having a laterally off-set hollow neck, an outer service cup connected with the neck, a removable stopper for the hollow neck, and a hinged cover for the cup adapted to be opened and laid across the outer end of the cup to support the cup.

2. A paint container consisting of a generally cylindrical main body of the Mason fruit jar type provided with a removable cap, and a service reservoir connected with the cap by a circulation conduit and provided with a hinged cover having a free supporting edge adapted to be thrown outwardly across the end of the reservoir

for stabilizing contact with a supporting surface.

3. In combination with a main generally cylindrical holder of the Mason fruit jar type, a screw cap therefor having an eccentrically located stopper conduit, and an outwardly extending open top service reservoir provided with a cover hinged to its outer edge adapted to close the service reservoir on inward swinging movement and to be thrown outwardly across its end for supporting contact with a lower surface.

4. In combination, a main generally cylindrical liquid container, a closing sheet metal cover therefor having a laterally off-set longitudinally extending hollow neck, a removable stopper for the neck, an open top outer service cup connected with and extending beyond the neck, and a hinged cover for the cup adapted when extended outwardly to prevent tipping of the container when laid on its side.

5. A liquid container having a sheet metal closing cover provided with a tubular outlet conduit and an extended service reservoir provided with a pivoted stabilizing supporting and closing attachment.

6. A generally cylindrical liquid container having a sheet metal closing cover provided with an eccentrically located tubular outlet conduit, removable means for closing the conduit, an extended service reservoir communicating with the outlet conduit, and a hinged cover for the reservoir adapted to support the container against tipping when laid on its side.

7. In combination, a main generally cylindrical liquid container, a sheet metal closing cap therefor having an eccentrically located circulation conduit extending therethrough and beyond, and an outer service cup communicating with said conduit provided with a hinged closure adapted when thrown outwardly to prevent tipping of the receptacle.

8. In combination, a main generally cylindrical liquid container, a sheet metal closing cap therefor having an eccentrically located extended hollow neck, a stopper therefor, and an outer service cup communicating with the neck and open at one side thereof and having a hinged closure enabling it to be the element that prevents the receptacle from tipping when laid on its side.

9. In combination, a main generally cylindrical liquid container, a sheet metal closing cap therefor having a laterally off-set extended tubular hollow neck, an outer service cup connected with the neck, a removable stopper for the hollow neck, and a hinged closure for the receptacle adapted when thrown outwardly to prevent tipping of the container when laid on its side.

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