D. DOGGETT.

CONTAINER.

APPLICATION FILED OCT. 23, 1911.

1,092,902. Patented Apr. 14, 1914.

Fig. 1.

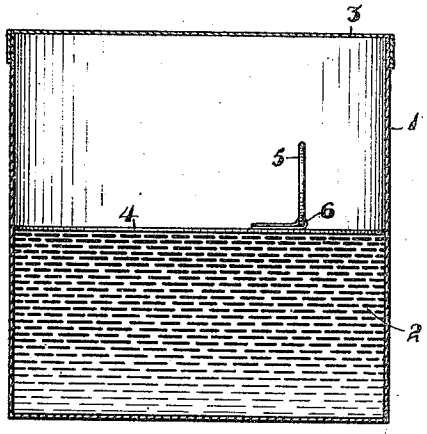


Fig. 2.

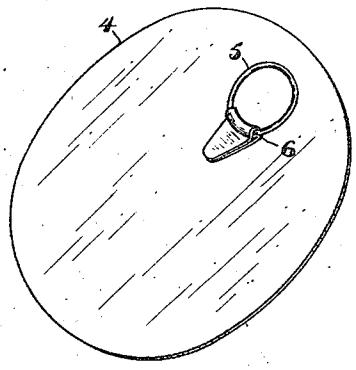
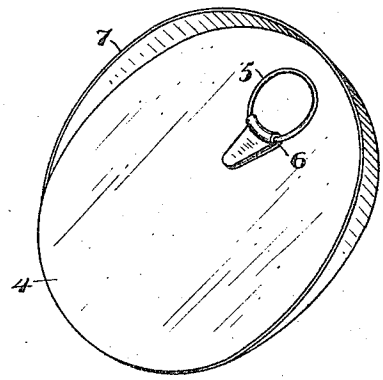


Fig. 3.



WITNESSES

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CONTAINER.

1,092,902. Specification of Letters Patent. Patented Apr. 14, 1914.

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To all whom it may concern:

Be it known that I, DANTON DOGGETT, a citizen of the United States, residing at the city of San Francisco, in the county of San Francisco and State of California, have invented certain new and useful Improvements in Containers, of which the following is a specification.

My invention relates to improvements in containers.

The object of my invention is to provide a container and especially a can intended to contain printing or lithographing ink with an inner cover or disk extending across and fitting the same, so that when the container has been opened and some of the contents removed the said cover can be placed on the remaining contents to exclude air therefrom, and enable the same to be used as before the opening of the container, although some time may have elapsed since the opening.

My invention consists in the parts and arrangement of parts shown in the accompanying drawing, described in the following specification and claimed in the appended claim.

In the said drawing, Figure 1 is a vertical section of a can containing the disk or inner cover embodying my invention. Fig. 2 is a perspective view of said inner cover, and Fig. 3 is a perspective view of a modification of said inner cover, having a flange as hereinafter described.

In the drawing a can 1 is shown, containing printer's ink 2. The said can is provided with a suitable exterior cover 3. The said can contains a disk or inner cover 4, the rim of which fits the inner wall of said can transversely and is slidable to and from the contents of the can. The said inner cover is provided with a ring 5 on one side of the center of the same, the said ring being pivoted as shown at 6. The ring is placed in the position shown so that when it is desired to remove the inner cover from the ink in the can, the said cover can be lifted by raising one side first, making its removal easier than if said ring were placed in the center of the cover on account of the probable adherence of some parts of the contents of the container to the inner surface of the cover, and the tendency of such contents to hold the cover down, the manner of raising the inner cover also obviating the necessity of removing the adhering contents from the same.

I have found that in removing the exterior cover from a can of ink used in the work of lithographing or printing, and then removing a portion of the ink therefrom, the remaining portion being exposed to the air, a heavy crust or skin will form on the top of the remaining contents, necessitating the removal and discarding of the same before any of such remaining contents can be used, and by such exposure to the air and the continued formation of the foreign matter from the contents, the remaining ink will become hard and unfit for use after a short interval.

By using my inner cover as described which closely but slidably fits the inner surface of the cover in the following manner, namely, by pressing the same firmly on the lithographing or printing ink, air is prevented from coming into contact with the ink, rendering the formation of the crust or skin impossible and saving all of the remaining ink for further use. I prefer to construct said can of tin as the same has some flexibility.

The flange 7 is a modification of the rim of the inner cover shown in Fig. 2, the same giving additional frictional support to the cover when pressed down on the ink as mentioned. The said flange inclines downwardly from the side on which it is positioned until it disappears on the other side so that the inner cover may be lifted inclinningly by reason of the fact that, as shown in Fig. 3, the ring 5 is placed near the flange so that when the ring is pulled, the said cover turns on the central portion of the edge of the cover unprovided with the flange, drawing the upper edge of the flange slantingly away from engagement with the inner surface of the can, thereby permitting said cover to be removed.

I claim:—

In a can, an inner plate having an edge slidably fitting said can and having a flange

engaging said can and projecting upwardly on one side of the said edge of said plate and inclining downwardly to the surface of said plate on the side of said plate opposite to the location of said flange, and a movable tab connected to the upper side of said plate in proximity to said flange.

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

DANTON DOGGETT.

Witnesses:
F. W. LEIS,
C. S. LAHANIER.