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PILL BOXES
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Fig. 1.

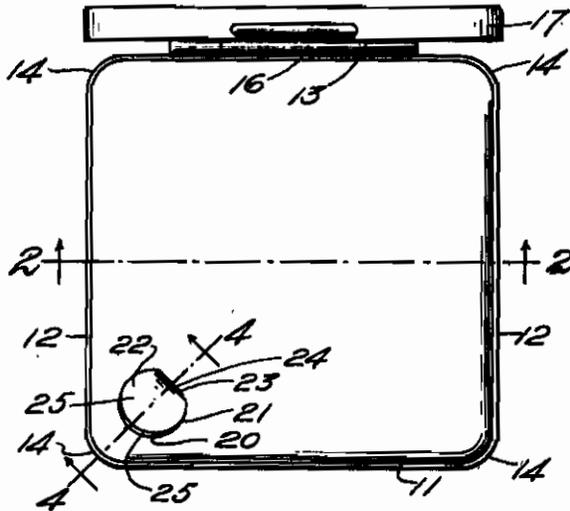


Fig. 2.

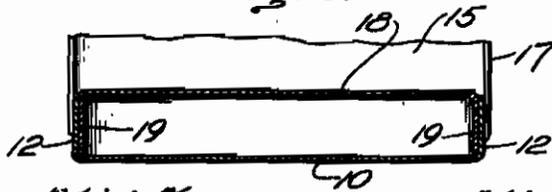


Fig. 3.

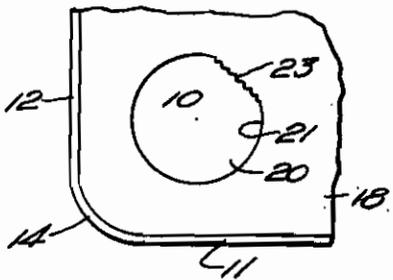
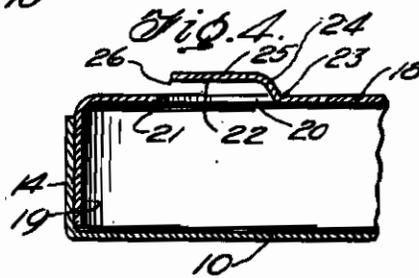


Fig. 4.



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ALIEN PROPERTY CUSTODIAN

PILL BOXES

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This invention relates to boxes or containers and has special reference to boxes for pills, tablets and the like.

It is quite common to provide boxes for pills and the like wherein an opening is provided of proper size to allow the contents to escape one by one and to provide a slide, lid or cut-off to keep such an opening closed. However in the sale of such boxes there is no way of determining (by the customer) whether or not the box has been opened and some part of its contents abstracted so that the purchaser would not receive a full box. It has been proposed to guard against such removal of part of the box contents by pasting a paper sealing strip around the box at the factory, any opening of the box being indicated by removal or breaking of the strip. This method is not entirely satisfactory since the paper strip sometimes may be slipped off the box, some of the contents abstracted and the strip replaced unless the strip is adhesively secured to the box itself. Even when so secured the effect is not satisfactory because boxes of this character are usually ornamentally or otherwise printed on the exterior and a strip of paper used for sealing purposes destroys the display of such printing and thus hinders sales.

It is one important object of the present invention to provide a novel sealing arrangement for such a box, so devised that the sealing means will be impossible to remove without detection.

A second important object of the invention is to provide an improved closure means for such a box, the means requiring no extra material.

A third important object of the invention is to provide a construction for the seal or closure which is of such nature that the seal may be opened by one's thumb nail or a simple implement like a pen knife or nail file.

A fourth important object of the invention is to provide an improved construction for the purpose set forth, wherein the seal used will not interfere with the ornamentation of or printing on the box.

With the above and other objects in view, as will be presently apparent, the invention consists in general of certain novel details of construction and combinations of parts hereinafter fully described, illustrated in the accompanying drawings and particularly claimed.

In the accompanying drawings like characters of reference indicate like parts in the several views, and:—

Figure 1 is a top plan view showing the outer box cover open and the seal in place.

Figure 2 is a section on the line 2—2 of Figure 1.

Figure 3 is an enlarged detail view of one corner of Figure 1 but with the seal or closure broken off and the delivery hole open.

Figure 4 is an enlarged detail section on the line 4—4 of Figure 1.

In the construction of the invention as here shown there is provided a box body having a bottom 10, a front wall 11, side walls 12 and a rear wall 13. These walls extend upwardly from the bottom at right angles thereto and the box bottom may be made as a sheet metal stamping or from cardboard, plastic or other suitable material. Preferably the side walls merge into the front and rear walls by arcuate corners 14. A cover 15 is secured to the rear wall 13 by a suitable hinge 16 and is of a shape and size to conform to the open top of the box body, the cover being flanged at 17 to fit against the walls of the body.

Fitted in the box body is an inner box having a top 18 from which depends peripheral side walls 19 arranged to fit tightly against the inner surfaces of the walls 11, 12 and 13. Adjacent one corner of the top 18 there is provided a delivery opening 20 of a size to permit the pills or the like held in the box to pass out through this opening one at a time. This opening is preferably formed by cutting an arcuate slit 21 in the material of the box, the slit being slightly more than 270°. The cutting of this slit provides a tab or seal 22 which, until the inner box is opened, is attached to the top 18 along a weakened line 23. The seal 22, in process of manufacture is bent up adjacent the line 23 as at 24 and is then bent to provide a portion 25 parallel to and spaced above the top 18. By means of this construction a thumb nail, knife blade or the like may be inserted at 26 and the seal pried up which, due to the weakened line 23, will break it free from the top 18 so that once the seal has been raised it cannot be replaced. Thus, if the box has been opened for access to its contents, the absence of the seal will afford warning of such tampering with the box.

In filling the box the desired contents may be placed in the body before the top 18 has been applied. Then the top may be placed in the box body and, if desired, soldered or otherwise secured against removal. The cover 15 having been closed the box is ready for shipment and sale.

BEREND JAN VAN DEN DOOL