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E. KIPPER

1,900,606

MEDICINE PACKAGE

Filed Feb. 17, 1932

Fig. 1.

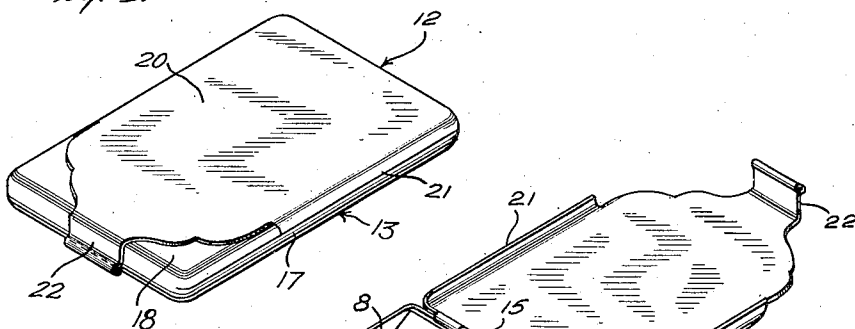


Fig. 2.

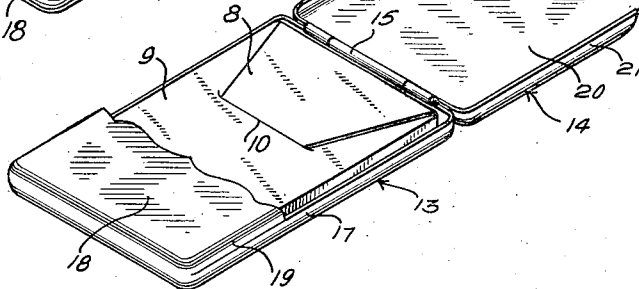


Fig. 3.

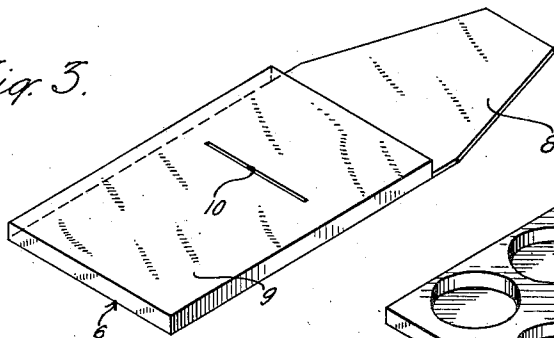


Fig. 4.

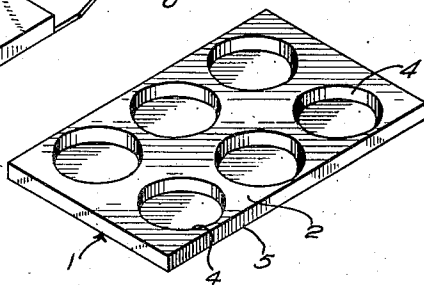


Fig. 5.

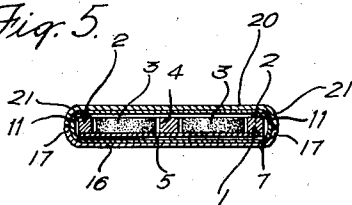


Fig. 6.



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MEDICINE PACKAGE

Application filed February 17, 1932. Serial No. 593,489.

This invention relates to medicine packages and has for an object the provision of a package for medicine tablets which may be carried by the user and which will protect the contained medicine tablets against breakage and maintain them in a sanitary condition.

To these ends it is a feature of the invention that provision is made of a tray having several distinct compartments for individually receiving the medicine tablets, a sheath substantially fitting the tray for keeping the tablets clean, and a protective box or casing substantially fitting the sheathed tray for preventing the crushing of the tablets.

Other features of the invention reside in the specific constructions of the tray, the sheath and the box, and in combinations of such features with one another.

Other objects and advantages will herein after appear.

In the drawing forming part of this specification

Figure 1 is a perspective view illustrating the metallic box in closed condition;

Figure 2 is a view similar to Figure 1 showing the box opened;

Figure 3 is a perspective view of the sheath with the closure flap open;

Figure 4 is a perspective view of the tray;

Figure 5 is a transverse sectional view through the box and the contained sheath and tray of Figure 1; and

Figure 6 is a perspective view of a medicine tablet of the size and shape for which the tray is designed.

The tray 1, shown in Figures 4 and 5, consists of a rectangular slab 2 of cardboard having substantially the thickness of one of the tablets which the tray is designed to receive. The slab 2 has a number of openings 4 punched through it, these openings being of just a little larger size than the tablets 3. A sheet of paper 5 is adhesively secured to the lower face of the slab 2 and covers the lower ends of the openings 4 so that the tray provides a series of recesses or compartments in which the tablets are individually received and supported.

The tray 1 is slidably received in a sheath

or envelope 6 which is best illustrated in Figure 3. The sheath is made to fit the tray snugly enough so that the tablets cannot be dislodged from the compartments of the tray when the tray is contained by the sheath. The sheath comprises a front 7, a closure flap 8 forming a prolongation of the front, and a back 9 having a slot 10 formed therein for reception of the closure flap as illustrated in Figure 2. The closure flap 8 is tapered so that it may be conveniently inserted and contained in the slot 10. The front 7 is provided with side flaps 11 which are folded in and lie beneath the margins of the back 9 and which are adhesively united to said margins.

The sheathed tray is received in a flat metallic box 12 which comprises a body member 13 and a cover member 14, these members being hingedly connected at 15. The body member 13 includes a bottom portion 16 having side flanges 17 thereon. At the end of the bottom portion remote from the hinge 15, the body member is doubled back to provide a rounded end and to provide a top portion 18 that extends a short distance toward the hinge. The top portion 18 is provided with side flanges 19 which meet the side flanges 17 of the bottom portion 16. The top and bottom portions combined to form a pocket at one end of the box for receiving the sheathed tray.

The cover member 14 includes a body portion 20 and side flanges 21. The side flanges 21 are adapted to meet the flanges 17 and extend far enough to stand in end to end relation with the flanges 19 when the box is closed. Beyond the ends of the flanges 21 the body portion 20 of the cover member 14 is tapered in width and terminates in a spring catch member 22 which is adapted to snap over the rounded end of the body member 13.

It will be noted that the tray and sheath preserve the tablets against substantial movement so that they do not come in contact with one another and can have no extensive free movement subjecting them to breakage when the package is shaken. The sheath further serves to prevent accidental loss of any of the tablets when the box is opened and acts to guard the tablets against exposure to

dirt. The metallic box acts as an armor sheath to prevent crushing of the tablets from without. The tray is preferably designed to hold a number of tablets constituting a daily dose of the medicine, and the sheathed tray forms a suitable refill package for the purpose.

I have described what I believe to be the best embodiment of my invention. I do not wish, however, to be confined to the embodiment shown but what I desire to cover by Letters Patent is set forth in the appended claims.

I claim:

1. A package for medicine tablets, comprising a substantially rectangular flat box, the top of said box being comprised of a relatively long open portion and a relatively short closed portion, said box being provided with a hinged lid substantially covering said top portion and being provided with a snap fastening element for engaging the end of the box opposite the hinge of the lid, and a rectangular sanitary sheath having a flap substantially fitting within the box, located there in such fashion that the flap closure is adjacent to the hinge and exposed for immediate manipulation of the said flap after the main cover is open.

2. A package for medicine tablets, comprising a substantially rectangular flat box, the top of said box being comprised of a relatively long open portion and a relatively short closed portion, said box being provided with a hinged lid substantially covering said top portion and being provided with a snap fastening element for engaging the end of the box opposite the hinge of the lid and a rectangular sanitary sheath having a flap substantially fitting within the box, located there in such fashion that the flap closure is adjacent to the hinge and exposed for immediate manipulation of the said flap after the main cover is open, and a tray within said sheath, said tray comprising a slab having a number of openings punched therethrough, and a sheet of paper adhesively connected to the lower face of the slab and forming with the slab a plurality of open faced receptacles to receive medicinal tablets.

In testimony whereof I have affixed my signature to this specification.

EWALD KIPPER.