Oct. 31, 1944. E. A. LOCKE, JR 2,361,852

BLADE CONTAINER

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Fig. 1.

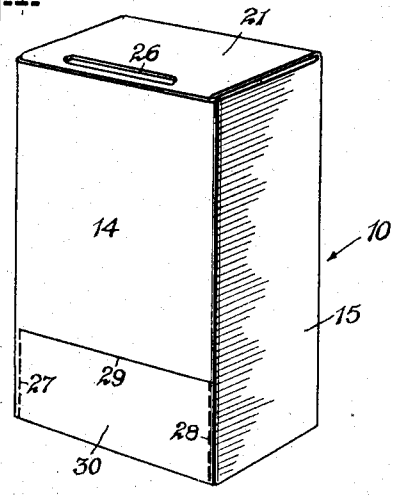



Fig. 2.

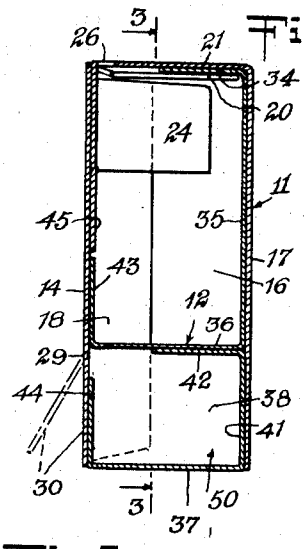



Fig. 3.

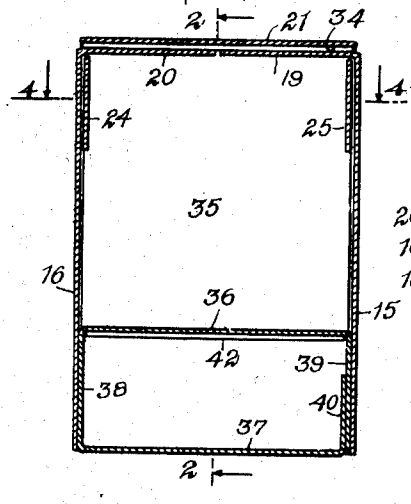



Fig. 6.

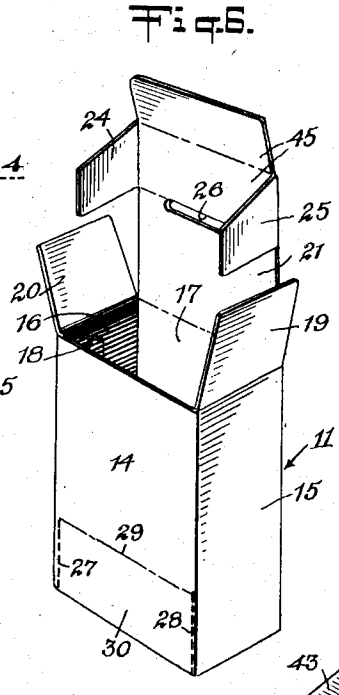



Fig. 7.

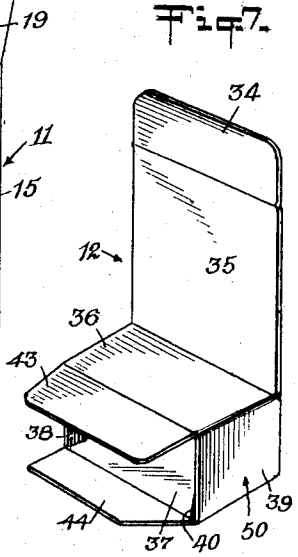



Fig. 4.

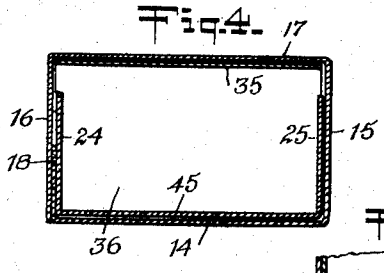
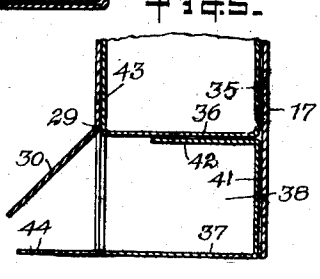



Fig. 5.

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BLADE CONTAINER

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Fig. 2.

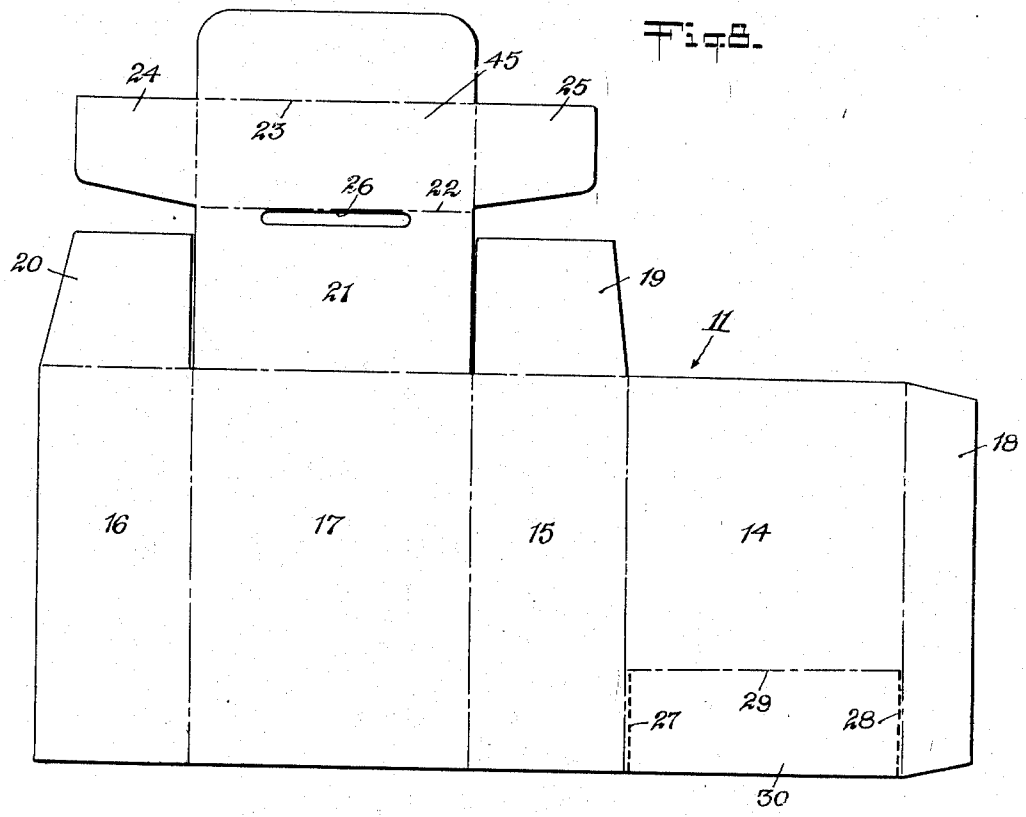
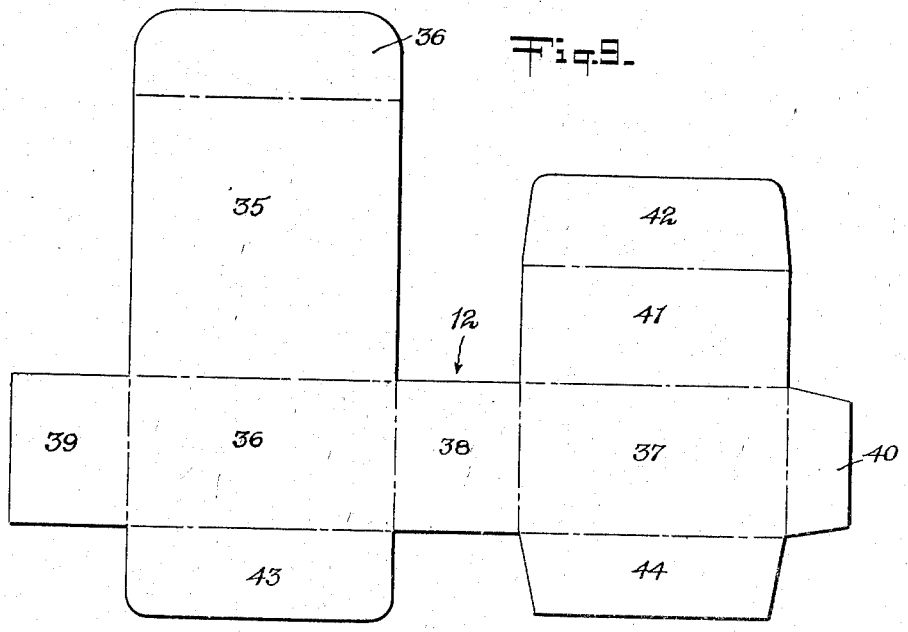



Fig. 3.

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# UNITED STATES PATENT OFFICE

2,361,852

## BLADE CONTAINER

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Application March 25, 1943, Serial No. 480,452

4 Claims. (Cl. 206—16)

This invention relates to containers and more particularly to containers which are adapted to be used in the sale of small articles such as razor blades.

As is well known, used razor blades constitute a disposal problem. One of the objects of this invention is to provide a carton in which not only new blades may be packed but which will also provide a space for disposal of used blades. A further object of the invention is to provide a carton which will lock and which will be tamper proof so that there will be no danger of used blades being spilled therefrom. Another object is to provide a tamper-proof carton in which it is impossible to remove the new blades without breaking the seal. A still further object is to provide a unitary package which includes as one not only the new blades but also the disposal unit for old blades. Other objects and advantages of my invention will appear as the description proceeds.

Figure 1 is a perspective view of my completed package.

Figure 2 is a cross sectional view taken on the line 2—2 of Figure 3.

Figure 3 is a cross sectional view taken on the line 3—3 of Figure 2.

Figure 4 is a cross sectional view taken on the line 4—4 of Figure 3.

Figure 5 is a cross sectional detail view showing the manner in which the new blade compartment opens.

Figure 6 is a perspective view showing the main body of the carton in open position.

Figure 7 is a perspective view of the new blade portion of the carton.

Figure 8 is a plan view of the blank from which the main body of the carton is made.

Figure 9 is a plan view of the blank from which the new blade portion of the carton is made.

Referring more particularly to the drawings, my carton 10 consists of two portions, the main carton section itself 11, and the new blade portion 12. The main carton portion consists of a front wall 14, side walls 15 and 16 and a rear wall 17. Wall 14 is provided with a flap 18 which is adapted to engage side wall 16 and engage the box. Closure flap 19 is attached to the side wall 15 and a similar flap 20 is attached to the side wall 16. A cover member 21 is attached to the rear wall 17 and is scored at 22 and 23 to allow it to fold into the box.

Locking tabs 24 and 25 extend laterally from the tab 45 of the cover section 21. A slot 26 is also provided adjacent to the scored line 22 to allow the insertion of used blades. The front section 14 is weakened at 27 and 28 and scored at 29 to form a tab 30 which may be folded upwardly when the box is opened.

New blade section 12 consists of panel 35 having a tab 34 at the end thereof. Panel 35 engages the panel 36 which forms one of the side walls of the blade compartment. Another side wall 37 is connected to the panel 36 by the end 38 and tab 39 forms the other end wall. A tab 40 is adapted to engage the tab 39 to close the box. Panel 41 forms the back of the box and a tab 42 is adapted to fold within the box to hold it in position. Tab 43 folds upwardly opposite the panel 35 as shown in Figures 2 and 5 to form a brace so that after the tab 30 is ripped open the new blade compartment will be held firmly in position. Tab 44 acts as a closure tab under the tab 30.

When the box is assembled new blade portion 12 is folded as described and inserted into the main portion 11 so that panel 37 forms a bottom for the entire carton while the panel 35 extends through the carton to the top thereof. Closing tabs 19 and 20 are folded down and the tab 36 folded over down thus locking the new blade compartment in place. Locking tabs 24 and 25 are then folded down and the tab 45 inserted within the box so that the cover member 21 closes it. The locking tabs 24 and 25 will automatically spring open under the closing tabs 19 and 20 thus locking the box so that it may not be opened without tearing off the cover.

In commercial use razor blades are packed in the compartment 50 and the package is sold complete. Once the member 12 is placed within the member 11, it cannot be removed and unless the tab 30 is ripped open the purchaser can rely on the package being free from tampering. When the blades are to be used the purchaser rips open the tab 30 and the closure tab 44 automatically springs up allowing easy access to the blades. When blade is to be discarded, it may be inserted through the slot 26 and thus disposed of.

I claim:

1. A container formed with two compartments, one of said compartments being formed with side, front, rear walls, closure flaps, and a cover member having a flap adapted to pass between said closure flaps and the front wall, said flap being provided with locking tabs to engage the underside of said closure tabs to lock the cover, the second compartment being independently formed to constitute the bottom of said container and

the bottom of said first compartment and being provided with a member extending through the first compartment and adapted to fold over said closure flaps under said cover to lock said second compartment in place.

2. A container provided with two compartments, one of said compartments being formed within the front, rear and side walls of said container, said side walls being provided with closure flaps and said rear wall with a cover, a flap on said cover adapted to pass between said closure flaps and front wall, said second compartment being independently formed and constituting the bottom of the container and the bottom of said first mentioned compartment, a closure flap on said second compartment and a weakened portion in said front wall adapted to be torn open to expose said closure flap.

3. A package for razor blades or the like including a new and used blade compartment, said used blade compartment being formed in the body of the container, closure flaps on the side walls of the container, a cover member on the back wall of the container, locking tabs on said cover adapted to engage the underside of the closure flaps, said new blade compartment being independently formed and adapted to form the bottom of the used blade compartment and the bottom of the container, a member extending from said new blade compartment through said used blade compartment and adapted to be positioned between said closure flaps and said cover to lock said new blade compartment in place.

4. A package for razor blades or the like including a new and used blade compartment, said used blade compartment being formed in the body of the container, closure flaps on the side walls of the container, a cover member on back walls of the container, locking tabs on said cover adapted to engage the underside of the closure flaps, said new blade compartment being independently formed and adapted to form the bottom of the used blade compartment and the bottom of the container, a member extending from said new blade compartment through said used blade compartment and adapted to be positioned between said closure flaps and said cover to lock said new blade compartment in place, said new blade compartment being provided with a closure flap and the front wall of said container being weakened adjacent to said closure flap.

EDWIN A. LOCKE, JR.