

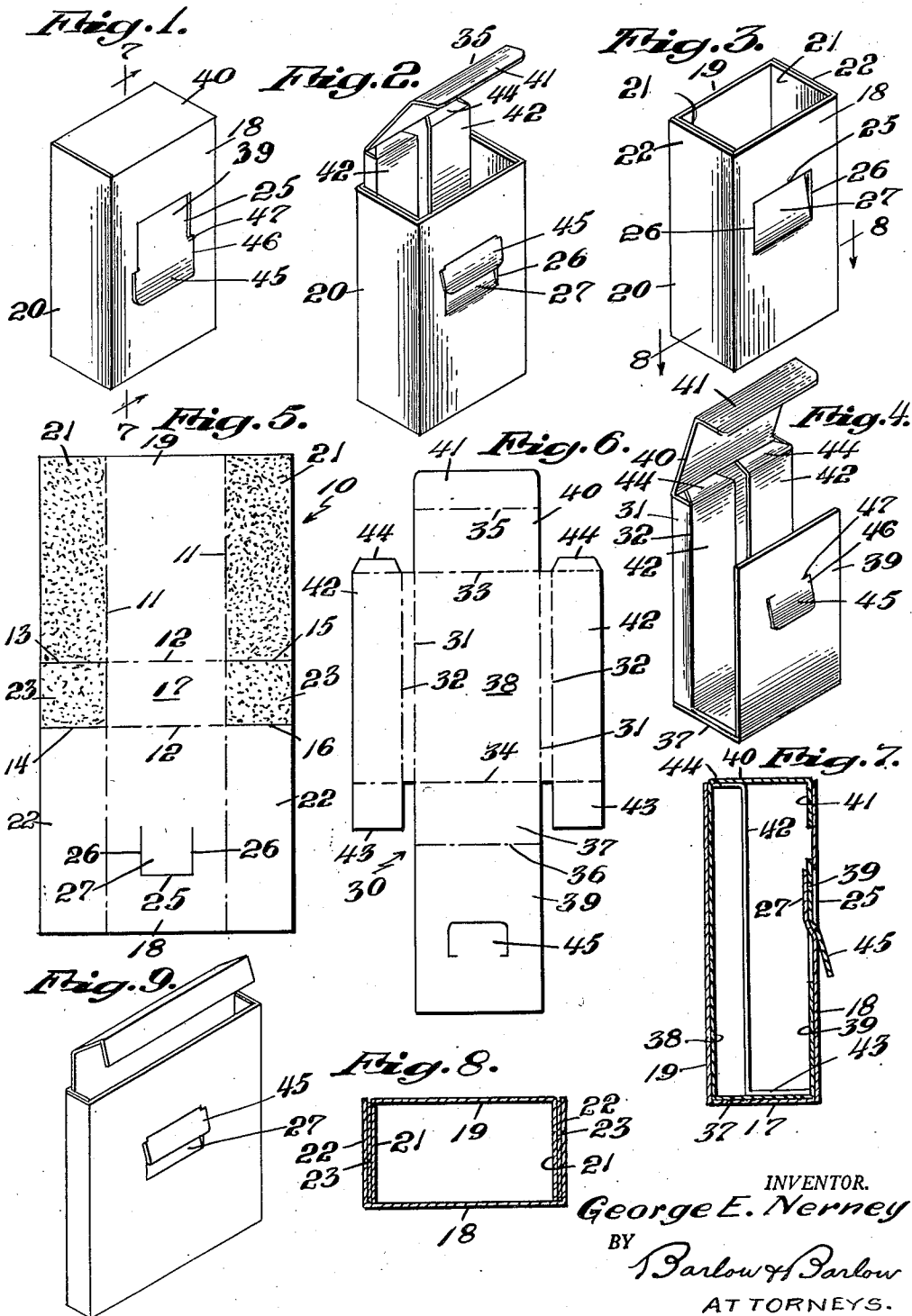
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DISPENSING CONTAINER

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DISPENSING CONTAINER

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3 Claims. (Cl. 229—20)

This invention relates to a dispensing container or package for small articles which may be taken from the package one at a time and the rest of the articles held in the package. It has particular use in connection with the packaging of razor blades and in dispensing the same.

Heretofore articles of the character of razor blades, cigarettes, and the like have been packaged in such a way that it is usually necessary to use two hands to extract the article to be used. Several articles are contained in the package, and each must be extracted individually.

One of the objects of this invention is to provide a simple package formed of two pieces which may be opened by sliding the two pieces one relative to the other.

Another object of the invention is to provide a means for easily sliding these two members, such for instance as a part of one projecting through the other, so that by holding one in the hand, the ready access to the other is afforded so that by pressure upon it the parts may be moved one relative to the other.

Another object of the invention is to limit the movement of the parts so that they will maintain their desired relationship while in use.

Another object of the invention is to provide a separate compartment within the article carrier which may be used for discarded articles, such for instance as razor blades, to hold the same inaccessible from portions of the device which may be handled.

Another object of the invention is to provide a device which may be formed from two pieces of cardboard cut to suitable shape and folded.

Another object of the invention is to provide by the folding of the device sufficient rigidity to the device so that it will maintain its desired shape and afford sufficient stiffness for the pushing of one part relative to the other.

With these and other objects in view, the invention consists of certain novel features of construction as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawings:

Figure 1 is a perspective view of the dispensing container in closed form;

Figure 2 is a perspective view of the same container shown open;

Figure 3 is a perspective view of the outer shell member;

Figure 4 is a perspective view of the article carrying member;

Figure 5 is a top plan view of a blank for forming the outer shell member;

Figure 6 is a top plan view of the blank cut and before folding to form the article carrying member;

Figure 7 is a longitudinal sectional view taken substantially along line 7—7 of Figure 1;

Figure 8 is a sectional view taken substantially along line 8—8 of Figure 3; and

Figure 9 is a perspective view of the container with-

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out the separate compartment within it for razor blades and more adapted for such articles as cigarettes.

In proceeding with this invention, I provide a blank which may be cut and folded to form a generally tubular shell rectangular in cross section and having a bottom wall. I also cut from another blank and fold into shape an article carrying member which may telescope within this shell and form a tongue on the article carrying member which will pass through a slot in the shell to be readily accessible from the outer surface of the shell so that by pushing upon this tongue, the article carrying member may be slid out of the shell so that its contents will be readily accessible. The folding of these parts is such that they will be stiffened and give a relatively rigid form so that one may be positioned relative to the other for movement to and from closed position.

With reference to the drawings, the shell blank 10 as shown in Figure 5 is scored along the lines 11—11 and 12—12 and cut along the lines 13, 14, 15, 16 so that it may be folded to provide a bottom wall 17 with a front wall 18, a back wall 19, and overlapping side walls 20, 20. The side walls are formed by sections 21, 21 providing the inner surface of the side wall of the shell with the sections 22, 22 providing the outer surface of the side wall of the shell, while the sections 23, 23 are located between the sections 21 and 22 and tie the sections firmly to the bottom wall, the parts all being secured together by adhesive.

In the front wall 18 there is a slot 25 with slits 26, 26 extending therefrom toward the bottom wall and at right angles to the slot 25 forming a tongue-like portion 27.

The article carrier is blanked out as at 30 in the shape shown in Figure 6 and is scored along the lines 31, 31 and 32, 32 and also as at 33, 34, 35, and 36. This article carrier is then folded so that there is formed a bottom wall 37 with a back wall 38 and a front wall 39, while there is a top wall 40 and a flange 41. The wing sections 42 are folded inwardly along the lines 31 and 32 with the flanges 43, 43 extending along the bottom wall 37 of the flanges 44 folded inwardly across the top of the space formed between the walls 42 and the back wall 38. This article carrier is substantially the width of the shell and may telescope into the shell, as shown in Figure 2. A tongue 45 is cut from the stock of the front wall 39 and is provided with lateral extensions 46 forming abutment shoulders 47 as shown.

In assembling this article carrier in the shell, the tongue 45 is guided by the tongue 27 to pass through the slot 25. The lateral extensions 46 extend over the outer surface of the slits 26 and serve to hold the front wall of the carrier against the inner surface of the front wall of the shell. Likewise they will strike the ends of the slot at either side thereof and limit the movement of the carrier upwardly. Razor blades are placed in the carrier between the sections 42 and the front wall 39. In the closed position of the container, the upper edge of tongue 45 is at the lower edge of slot 25 (see Figures 1 and 7). To open the container, the tongue 45 is pushed upwardly, which moves the carrier upwardly as seen in Figure 2, from whence the razor blades may be easily reached, as the top is then free from engagement with the shell. A used razor blade may be tucked into the compartment between the back wall 48 and the sections 42 and be held therein by the flanges 44. Much less space is needed for the used blade alone, as the paper covering on the fresh or new blade takes up more space than the blade itself. When it is desired to close the container, it is merely necessary to press the article carrier inwardly and tuck the flange 41 of the top wall 40 inwardly of the front wall 18 of the shell.

In Figure 9 I have illustrated cigarettes as within the

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container, and in this form I do not need the compartment such as formed by the sections 42, which may be entirely omitted from the article carrier where this sort of article is to be carried.

I claim:

1. A dispensing container comprising a shell member having a slot in one wall, said slot extending at right angles to the length of the member and being intermediate the ends of the shell member and intermediate the opposite edges of the shell member, and in article carrying member closed at one end and with an opening at the other end telescoped into said shell member and having a tongue projecting through said slot in a direction from the open end toward the closed end and accessible from the outer surface of said shell, a top wall 15 hinged to said carrying member having a flange to tuck into said shell to close said open end, said tongue being of a dimension to withstand a thrust on its free end for sliding the open end of the article carrying member endwise out of the shell member and of a length to move said carrying member a distance to release said flange from said shell for opening said carrying member.

2. The subject matter of claim 1 wherein the stock of

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the shell is slit from the slot at right angles thereto to provide a guide for the tongue of the carrier member in its operating movement.

3. The subject matter of claim 1 wherein the stock of 5 the shell is slit from the slot at right angles thereto to provide a tongue over which the tongue of the carrier member extends, the tongue of the carrier member being provided with laterally extending abutments of a width wider than the distance between said slits to slide along the outer surface of said shell and limit the movement of the tongue in sliding the carrier out of the shell. 10

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