May 12, 1953 W. F. SPURR 2,638,211

LABEL PACKAGE AND DISPENSER

Filed July 10, 1951

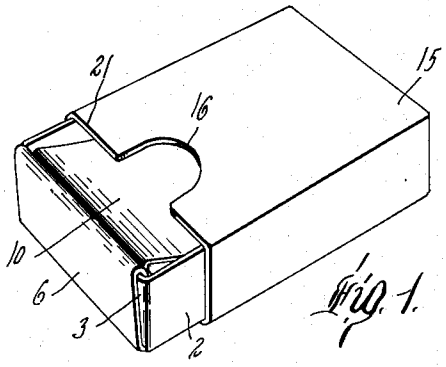


Fig. 1.

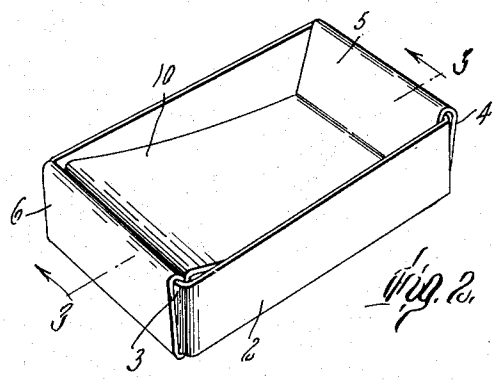


Fig. 2.

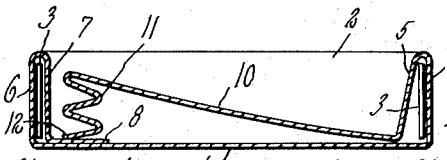


Fig. 3.

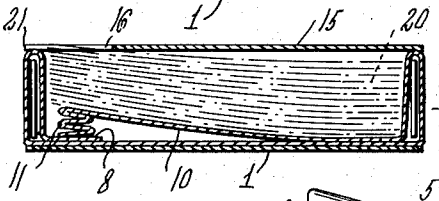


Fig. 4.

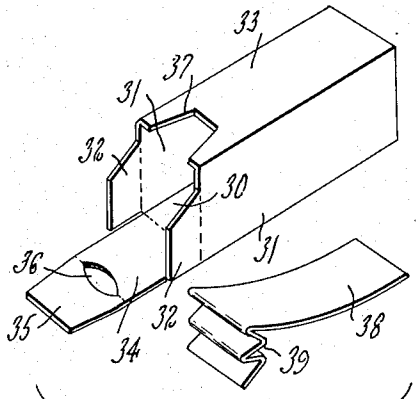


Fig. 6.

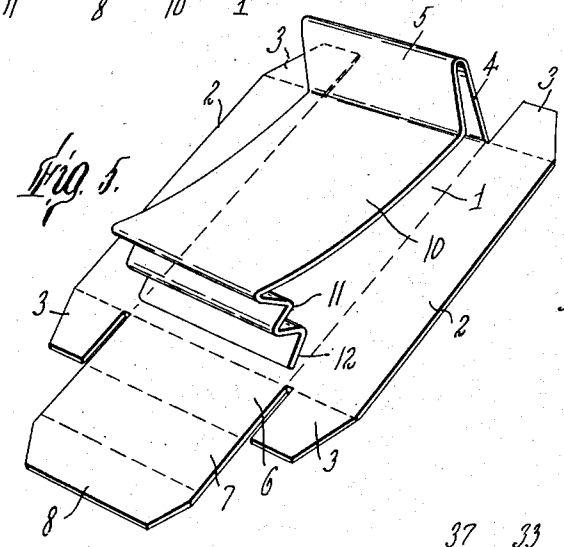


Fig. 5.

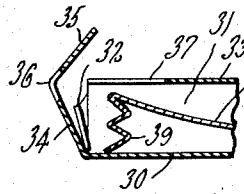


Fig. 7.

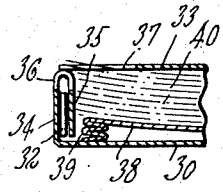


Fig. 8.

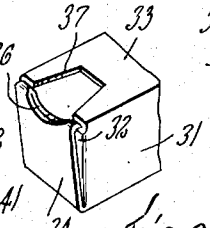


Fig. 9.

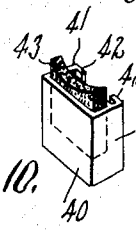


Fig. 10.

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LABEL PACKAGE AND DISPENSER

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3 Claims. (Cl. 206—57)

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This invention relates to packages for labels, or the like, so constructed that the contents are presented for easy removal individually at all times.

One object of the present invention is to provide a package including a container for the articles which can be made up cheaply and expeditiously, and provided with means which, as the articles are removed, continues to press those remaining toward removing position.

To this end the package comprises a container of suitable sheet material, such as cardboard, having a slot at one end through its top face through which the user's finger may be passed to engage the exposed face of the outer article within the container, the articles being assembled in a stack or pack. Beneath the pack and opposite to the slot there is provided a pack-engaging element, preferably also formed of cardboard, and folded back and forth on itself a plurality of times to form a spring element on which the pack rests and which continues to press the articles in the pack into position for removal one by one as they are so removed.

If desired, and where there is sufficient room, the spring may be made integral with the blank from which the container for the package is made.

For a complete understanding of this invention, reference may be had to the accompanying drawings in which:

Figure 1 is a perspective view of a package of labels embodying the invention, the package being partly open to facilitate removal of the labels.

Figure 2 is a perspective view of the empty box or container, the cover having been removed.

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

Figure 4 is a view similar to Figure 3, but showing the box filled and the cover in closed position.

Figure 5 is a perspective view showing the blank from which the box is made in partly folded condition.

Figure 6 is an exploded perspective view of the box and a separate spring member and illustrating a modified construction.

Figure 7 is a fragmentary sectional view through the dispensing end of the box shown in Figure 6.

Figure 8 is a view similar to Figure 7 but showing the box filled.

Figure 9 is a fragmentary perspective view showing the dispensing end of the box of Figures 6, 7 and 8.

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Figure 10 is a perspective view of an activating pad of a general construction applicable to the box of all of the preceding figures and useful where the box contains labels, or the like, with inner inactivated-adhesive coated faces.

Referring first to Figures 1 to 5, there is shown a box formed up from sheet material. This sheet material may well be a single sheet of cardboard as shown in Figure 5. The cardboard blank may have a central base portion 1 and side portions 2. The side portions 2 may be provided with end flaps 3 which when folded up may be inserted between doubled end walls 4, 5 and 6, 7. The end wall formed by the portions 6 and 7 may have a further extension 8 which may be turned inwardly to overlie the base 1 as shown best in Figures 3 and 4.

The opposite end wall formed of the folded portions 4 and 5 may have an integral extension 10 which overlies the base 1 and which has at its free end a crinkled portion 11 formed by bending the material back and forth on itself a plurality of times to form a resilient portion having a foot 12 which overlies and rests upon the portion 8. By folding or crinkling the material a plurality of times cardboard may be made sufficiently resilient to properly function.

A cover for the box may comprise a separate member 15 telescopically related to the main portion and having a slot 16 cut inwardly from its open edge, this cover member preferably having a bottom, sides, and top, and a rear closed end. The end adjacent to the slot 16 may open for the reception of the main portion of the box.

Within the box may be positioned a pack of labels or other sheet material pieces which it is desired to dispense one at a time therefrom, these being shown at 20 in Figure 4. It will be noted that the resilient crinkled portion 11 tends to press the pack 20 upwardly so that the upper element of the pack presents its upper face against the top face of the cover where it is readily accessible to the operator's finger extending through the slot 16. The upper edge of the end wall formed by the portions 6 and 7 is spaced from the forward edge 21 of the cover member sufficiently, particularly when the cover member is partly withdrawn as shown in Figure 1, so that the sheet material pieces may be removed easily through this space one by one, the finger of the operator engaging through the slot 16 with the upper face of the upper piece in the pack. As the labels or other sheet material pieces are removed, the spring element 11 extends and lifts

the remaining pieces in the stack up to a convenient position for removal.

In Figures 6 to 9 a modification is shown particularly suitable where the sheet material pieces to be removed are small or narrow. In this form of the package the box is formed in a single piece including the cover, having a bottom wall **30**, side walls **31** with the end extending tabs **32**, and a top wall **33**. The rear end of the box can be closed in any suitable manner, not material to this invention. The end wall from which the stack or pack of pieces is to be removed comprises a wall member **34** having an end extension **35** and provided with a cut-out **36** at the juncture between the portions **34** and **35**. The portions **34** and **35** are folded together to form a double end wall as shown in Figures 7 and 8, the opening **36** then forming a recess in the upper edge of this end wall. This cooperates with a slot **37** through the top face **33** to facilitate access to and removal of the contents. With boxes of the size shown in these figures, it is usually more convenient to form the resilient element as a separate piece from the box. As shown it comprises a base portion **38** having one end portion formed reversely crinkled as at **39**. This element is placed in the box with the resilient portion **39** adjacent to the delivery end of the box and beneath the slot **37**, so that the pack of sheet material pieces **40** placed therein is pressed upwardly so that the top face of the top element is readily accessible through the slot **37**. It may be drawn out readily between the outer edge of the top **33** and the top edge of the end wall formed by the portions **34** and **35**. The depression formed in the top of the end wall by the hole **36** facilitates the removal of the sheet material elements, such as labels, one by one.

In many instances the sheet material articles in the pack will be in the form of labels, either blank or having printing thereon on their outer faces and provided with non-activated adhesive on their lower faces such, for example, as dried gum. Where articles of this type are to be packed, it may be found desirable to apply to the dispensing end of a box an adhesive-activating device, for example, where gum labels are employed this device will moisten the gummed faces of the labels as they are being withdrawn. Such a device is shown in Figure 10 and comprises a receptacle **40** having a base and side and end walls and provided with an open top. The sides **41** of this receptacle may have spaced inwardly-turned edge members **42** which may be engaged between the double end wall members of the box and be held to the box thereby. The upper open end of the receptacle **40** may have positioned therein a wick member **43** which may be saturated with an activating agent for the particular adhesive employed on the sheet material pieces. For example, where gum is employed, the activating liquid may be water and the upper edge of this wick **43** is so positioned opposite to the dispensing end of the box or container that when the sheet material elements are drawn out therefrom, their adhesively coated faces wipe across and in contact with the upper edge of the wick and thus become activated so that the sheet material piece being withdrawn is in condition for application to any article to which it is desired that the label be affixed.

From the foregoing description of certain embodiments of this invention, it should be evident to those skilled in the art that various further changes and modifications may be made without departing from its spirit or scope.

I claim:

1. A package comprising a cardboard box having a slot through one side face at the end thereof, a pack of superposed sheet material pieces enclosed by said box, the end face of the outer of said pieces being exposed for contact with the finger through said slot for removal from said box, and a strip of sheet material within said box with which the opposite face of said pack may engage, said strip having its end portion back of said slot bent longitudinally in opposite directions a plurality of times and forming a spring between said strip and the opposite inner face of said box pressing said pack toward said slot, said strip being integral with said box.

2. A package comprising a blank of cardboard folded up to form a box having a base, sides, and ends, one of said ends having an extension folded toward the opposite end of said box, said extension having an end portion crinkled on itself a plurality of times and with its free end bearing on said base adjacent to said opposite end, a pack of sheet material pieces within said box and supported on said extension, said box having a cover member bridging said sides and having a slot therein at the end adjacent to said crinkled portion through which access may be had to the outer face of the outermost of the pieces of said pack and facilitating withdrawal of said outermost piece from said package between said cover member and one of said ends.

3. A package comprising a blank of sheet material folded up to form a base, sides, ends and top, said top bridging said sides and one end terminating beneath said top, a cardboard strip within said box having an end portion crinkled on itself a plurality of times and with its end bearing on the base of said box adjacent to said one end, and a pack of superposed sheet material pieces supported on said strip and pressed by said crinkled end against said top, said top having an opening therethrough at said one end and through which access may be had to the top face of the top piece of said pack to facilitate withdrawing of said top piece between the upper edge of said one end and said top.

WINFRED F. SPURR.

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