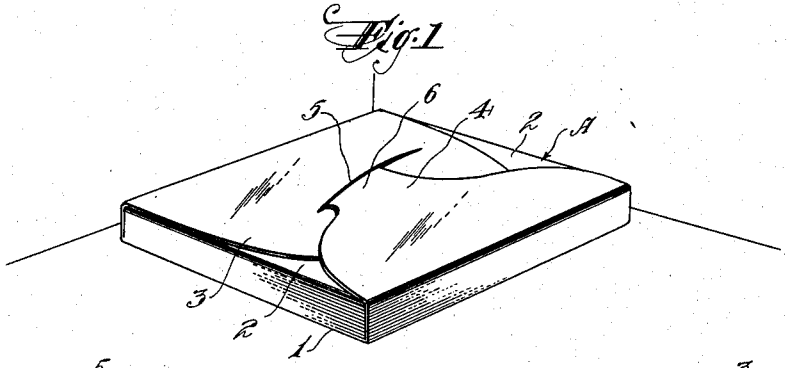
May 18, 1943 L. L. SALFISBERG 2,319,560

COMPOSITE PACKAGE

Filed Nov. 20, 1940 2 Sheets-Sheet 1

Fig. 1



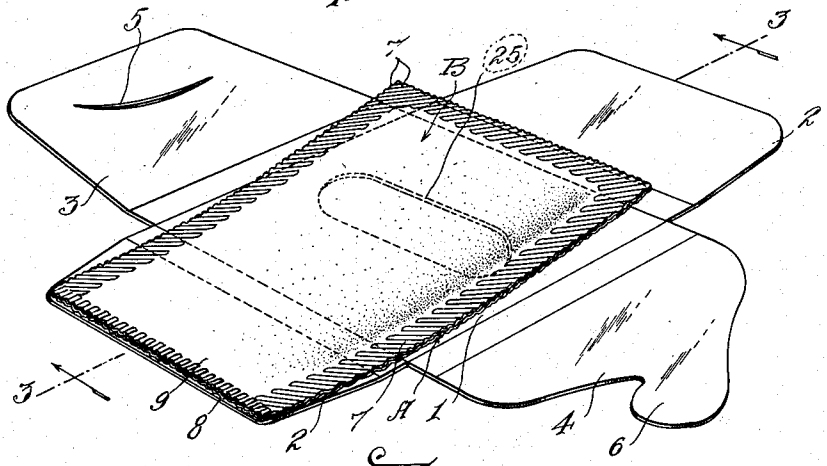
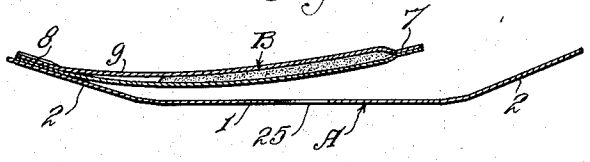


Fig. 2

Fig. 3



Leroy L. Salfisberg. INVENTOR

BY

Harry B. Hook. ATTORNEY

May 18, 1943 L. L. SALFISBERG 2,319,560

COMPOSITE PACKAGE

Filed Nov. 20, 1940 2 Sheets-Sheet 2

Fig. 4

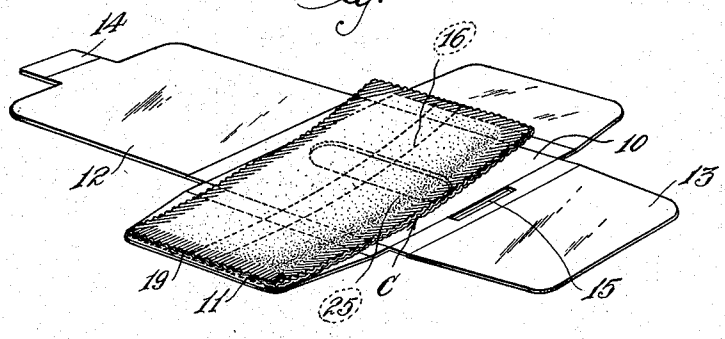


Fig. 5

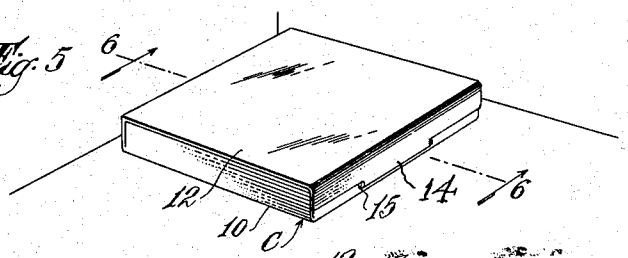


Fig. 6

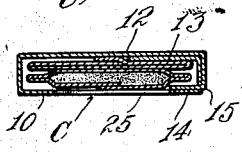
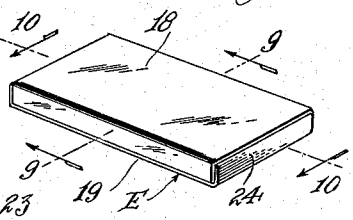


Fig. 8



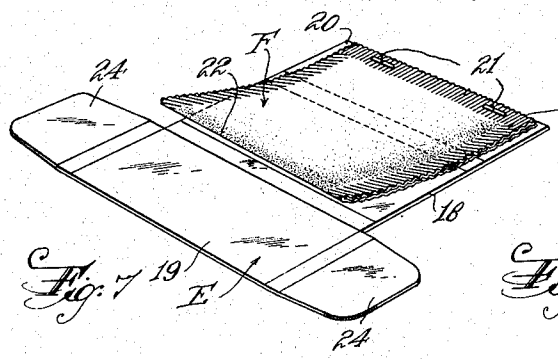


Fig. 7

Fig. 9

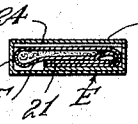
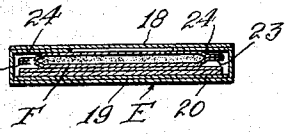


Fig. 10



Leroy L. Salfisberg, INVENTOR

BY

Harry A. Cook

ATTORNEY

Patented May 18, 1943

2,319,560

UNITED STATES PATENT OFFICE

2,319,560

COMPOSITE PACKAGE

Leroy L. Salfisberg, South Orange, N. J., assignor to Ivers-Lee Company, Newark, N. J., a corporation of Delaware

Application November 20, 1940, Serial No. 366,363

2 Claims. (Cl. 206—46)

This invention relates in general to packages for small articles such as tablets, pills or buttons, or powdered or granulated material, or liquid or paste, one object of the invention being to provide a package that shall include a novel and improved construction and combination of a bag or envelope formed of flexible and preferably transparent material such as "Cellophane" or "Pliofilm," and a foldable cover formed of relatively stiffer material for enclosing and protecting said bag or envelope.

Another object is to provide a package of this character wherein the foldable cover shall comprise a body portion having a plurality of integral flaps or wings to be folded into overlying relation to each other to enclose the bag or envelope, and the contents of the bag shall be located normally in one end portion of the bag so as to leave the opposite end portion devoid of contents, the second-mentioned end portion being secured to one of said flaps or wings so that the bag can be folded transversely intermediate its length across the second-mentioned end portion as the cover is closed about the bag and the bag can be opened easily by tearing across said second-mentioned end portion when the cover is unfolded.

A further object is to provide a package of the character described comprising a bag or envelope formed of flexible material, and a foldable cover of relatively stiffer material, and novel and improved means for fixedly connecting the envelope to the cover, whereby the cover may be folded snugly around the portion of the envelope containing the articles or material to prevent movement of the envelope in the cover and to completely enclose and protect the envelope.

Another object is to provide a combination of a flexible bag and a foldable cover of the character described embodying a novel and improved construction whereby the envelope can be positively connected to the cover and the space within the cover for the envelope shall be efficiently utilized for containing the contents of the envelope so as to permit a maximum of material to be enclosed within the cover of given dimensions.

Other objects are to provide such a package that shall be attractive in appearance, shall be durable so as to withstand rough handling, and shall be simple and inexpensive in construction; and to obtain other advantages and results as will appear from the following description in conjunction with the accompanying drawings in which

Figure 1 is a perspective view of a package constructed in accordance with the invention, showing the cover closed.

Figure 2 is a perspective view of the package illustrating the cover opened.

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

Figure 4 is a view similar to Figure 2 showing another form of bag or envelope and another form of cover and illustrating the cover in opened position.

Figure 5 is a perspective view of the package shown in Figure 4 in closed position.

Figure 6 is a vertical sectional view on the line 6—6 of Figure 5.

Figure 7 is a view similar to Figure 2 showing a third form of bag and cover and illustrating the package in opened condition.

Figure 8 is a perspective view of the package illustrated in Figure 7 in closed position, and

Figures 9 and 10 are vertical sectional views on the lines 9—9 and 10—10, respectively, of Figure 8.

The form of the invention illustrated in Figures 1 to 3 inclusive includes a cover A of relatively stiff material such as cardboard comprising a body portion 1 approximately rectangular in plan and formed with flaps 2 at each of two opposite edges and flags 3 and 4 one at each of the other two opposite edges, said flaps being adapted to be folded inwardly over the body portion 1 and into overlying relation to each other. One of the flaps 3 has a slot 5 to separably receive a tab or tongue 6 on the opposite flap 4 for separably holding the flaps in overlapping relation.

The cover A normally encloses and protects a bag or envelope B that may be formed of relatively thin and flexible, preferably transparent material such as paper, "Cellophane," "Pliofilm," metallic foil, cloth or the like, especially sheet material which itself is thermoplastic and can be softened by heat or has a thermoplastic or fusible coating, so that the juxtaposed layers of material can be fused or caused to adhere together by application of heat or pressure, or with glue, to form a seal. As shown, the bag B comprises two strips of material preferably crimp sealed together at their edges as indicated at 7 to form a compartment between them for the articles or materials to be packaged. Normally the contents of the bag will be located in one end portion of the bag, and this portion of the bag will be of a size and shape approximately corresponding to the size and shape of the body portion

1 of the cover. This will leave the opposite end portion devoid of contents, and this second-mentioned end portion of the bag is secured to one of the flaps 2 of the cover as by crimp sealing 8 so as to fold approximately coincidentally with the fold that connects said flap to said body portion of the cover.

With this construction, after the bag B has been filled and secured to the flap 2 of the cover, said flap may be folded with the corresponding end portion of the bag inwardly over the other portion of the bag that contains the articles or material and then the opposite flap 2 may be folded inwardly over said first-mentioned flap, after which the flaps 4 and 5 may be folded inwardly and connected together by the tongue 6 and slot 5, so as to completely enclose the bag, as shown in Figure 1. When it is desired to open the package, the flaps 2, 3 and 4 are unfolded as shown in Figure 2 so as to expose the bag B, whereupon the bag B may be opened by tearing across the end portion thereof that is secured to the flap 2, or by tearing across the other end portion of the bag.

It will be observed that the space within the cover when the flaps are folded together will be efficiently utilized for containing the contents of the bag so as to permit a maximum of material to be enclosed within the cover, and at the same time the bag can be fixedly attached to the cover. This is important when it is realized that if the end portion 9 of the bag were secured directly to the body portion 1 of the cover, it would be necessary to make the article or material containing portion of the bag of smaller capacity to provide adequate leeway for attaching the end portion of the bag to the body portion of the cover, so that the capacity of the bag would be much less than that of the bag constructed and attached to the cover in accordance with the invention. When the cover is folded around the bag, the latter is completely protected against injury due to rough handling, and the package is attractive in appearance. The structure also gives the impression of a completely filled package in that the material containing portion of the bag is approximately of the same size and shape as the body portion of the cover, which would not be the case if the end portion 9 of the bag were directly secured to the body portion of the cover. Furthermore, the cover may be formed of one piece of material and the bag can be easily and quickly attached to the flap of the cover, so that the package is simple and inexpensive in construction.

While the bag has been shown as secured to the cover by crimp-sealing, it should be understood that the bag may be attached in other ways, for example by stapling; and it will also be understood that the cover may be formed in other shapes and structures.

In Figures 4 to 6 of the drawings I have illustrated another form of the invention wherein the cover C is in general similar to the cover A including the rectangular body portion 10, wings 11 at each of two opposite edges of the body portion, and wings or flaps 12 and 13, one at each of the other two opposite edges. The flap 12 is of a shape and size to completely overlie the body portion 10 and flap 13 and has a reduced tongue 14 to fold around one edge of the cover and separably fit into a slot 15 in the flap 13 as shown in Figures 5 and 6.

The bag D is formed of a single strip of suitable material such as "Cellophane" having its longitudinal edge portions secured together as at 16 and the superposed layers crimp-sealed together at their ends as at 17. One end portion of the bag is secured to one of the flaps 11 in the same manner in which the end of the bag B is secured to the flap 2 hereinabove described. The package is used and opened and closed in substantially the same manner as the package shown in Figures 1 to 3 inclusive.

If desired the body portions of the covers may have sight openings 25 for viewing the contents of the bag without unfolding the cover.

A third form of the invention is shown in Figures 7 to 10 inclusive where the cover E comprises a single piece of cardboard or other suitable material and includes a body portion 18 and flaps 19 and 20 at each of two opposite edges of the body portion. A bag F has one end portion secured in any suitable manner to the flap 20, for example by staples 21, the other portion of the bag overlying the body portion 18 of the cover and containing the articles or material to be packaged. As shown, this bag is formed of a single strip of material folded upon itself at 22 to form one side of the package, and having the other three sides crimp-sealed together as at 23.

The flap 19 has tongues 24 one at each of two opposite sides, and in closing the package, the flap 20 is folded inwardly over the main portion of the bag and body portion 18 of the cover, after which the flap 19 is folded inwardly to overlie the flap 20, as shown in Figure 10. Then the tongues 24 are folded and tucked inwardly between the bag and the body portion 18 of the cover as shown in Figures 8 and 9, whereby the bag is completely enclosed within the cover and the flaps of the cover are held against unfolding by the tongues 24.

It will be understood by those skilled in the art that other changes in structure and shape of the cover and other changes in the connection of the bag to the cover, may be made without departing from the spirit or scope of the invention.

Having thus described my invention, what I claim is:

1. A composite package comprising a bag formed of thin flexible material and one end portion of which normally contains a substance to be packaged while the other end portion is normally devoid of said substance, and a cover of relatively stiff material having a body portion upon which the first-mentioned portion of said bag normally lies, said body portion of the cover also having a flap foldable inwardly over said body portion and to which the second-mentioned portion of the bag is secured so that said second-mentioned bag portion is foldable with said flap inwardly over the first-mentioned portion of said bag, said cover having other flaps foldable inwardly over the first-mentioned flap and said bag to enclose and protect them and to close the cover, all of said flaps being freely unfoldable to completely expose the bag, and means for releasably holding said flaps in cover-closing position.

2. A composite package comprising a bag formed of thin flexible material, and a cover of relatively stiffer material including a body portion and a flap projecting from one edge thereof and foldable thereover, said bag having a material containing portion to lie normally upon but unattached to said body portion and an extension beyond said material containing portion secured to said flap and foldable therewith inward-

ly upon said material containing portion of the bag, said cover also having a plurality of other flaps each projecting from another edge of said body portion and foldable inwardly over the first-mentioned flap and said bag to close the cover and enclose the bag, certain of the last-mentioned flaps being formed to separably interlock for holding the cover in closed condition, all of said flaps being freely unfoldable to completely expose said bag when said certain flaps are not interlocked.

LEROY L. SALFISBERG.