June 21, 1949. H. RUMSEY, JR 2,474,166

PACKAGE

Filed Oct. 1, 1946 2 Sheets-Sheet 1

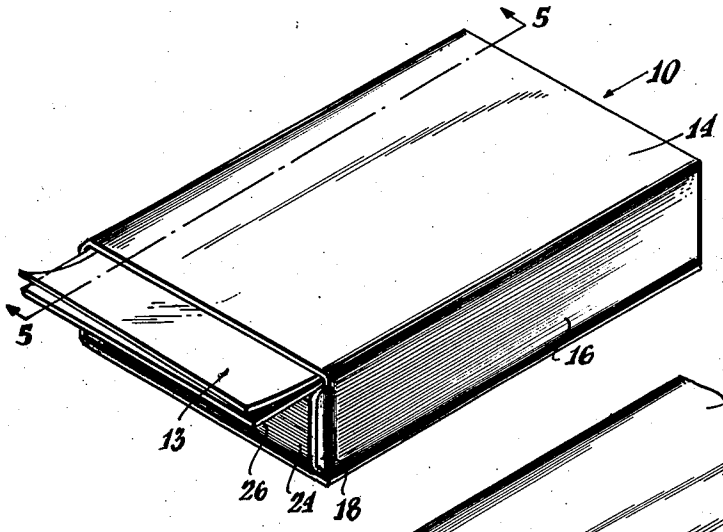


Fig. 1.

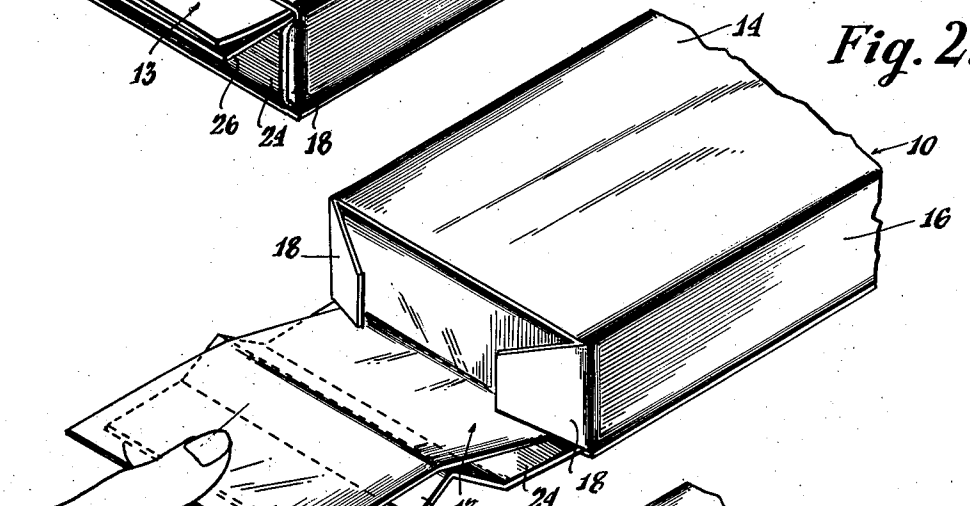


Fig. 2.

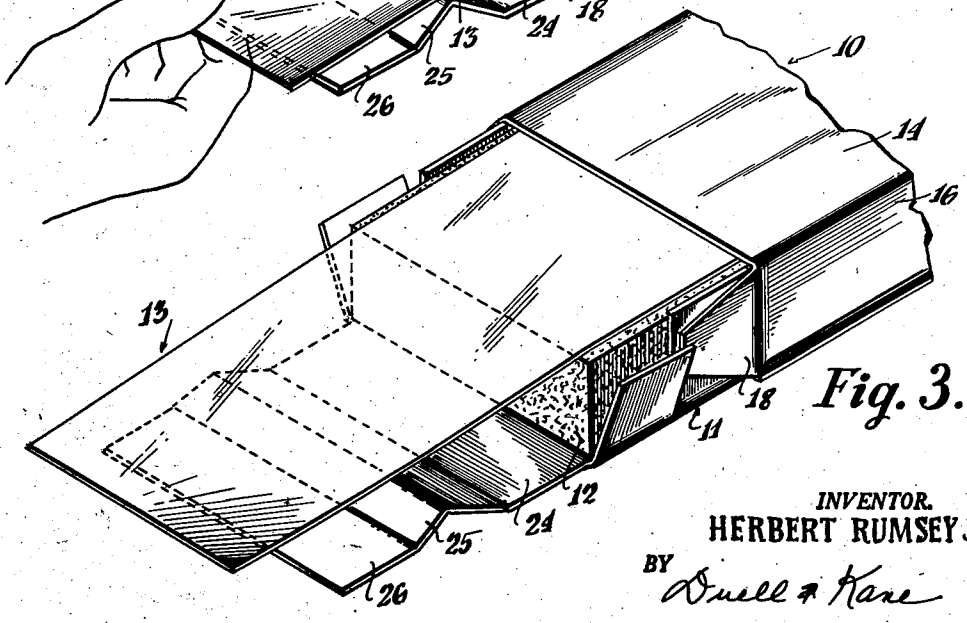


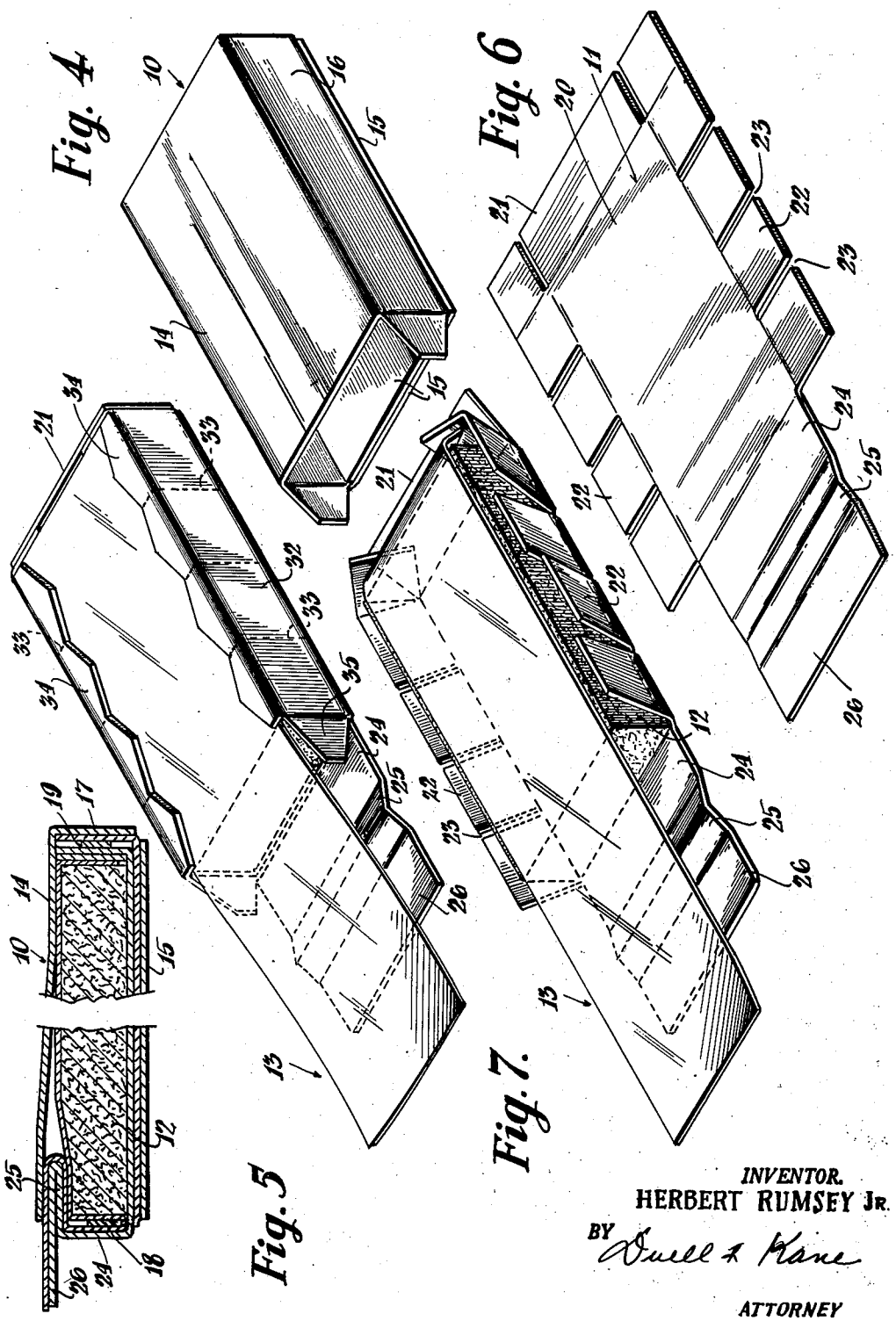
Fig. 3.

INVENTOR.
HERBERT RUMSEY JR.
BY Duell & Kane
ATTORNEY

June 21, 1949. H. RUMSEY, JR 2,474,166

PACKAGE

Filed Oct. 1, 1946 2 Sheets-Sheet 2



INVENTOR.
HERBERT RUMSEY JR.
BY Duell & Kane
ATTORNEY

Patented June 21, 1949 2,474,166

UNITED STATES PATENT OFFICE

2,474,166

PACKAGE

Herbert Rumsey, Jr., Rochester, N. Y.

Application October 1, 1946, Serial No. 700,397

6 Claims. (Cl. 206—46)

1

This invention relates to an improved package.

It is an object of the invention to provide an improved package which is suitable for use with plastic and semi-plastic materials particularly plastic food products such as liver paste, lard, butter or the like. Plastic and semi-plastic products of this character present packaging difficulties in that the fluid content thereof is absorbed or partially absorbed by the package material and spoils the appearance thereof and also the material adheres to the package and makes it difficult to remove the contents from the package and thereafter, when a portion of the contents has been used or dispensed, to reinsert the remainder into the package.

It is an object of the present invention to overcome the difficulties heretofore encountered and to provide an improved package particularly suitable for use with plastic and semi-plastic materials which presents an attractive appearance and can be used as a commercial package and which can also be used for storing the contents and dispensing it therefrom.

My improved package is so designed that the contents will not stick or adhere to the interior of the package and can be readily removed from the package and reinserted therein.

Other objects will be apparent from the accompanying drawings in which—

Fig. 1 is a perspective view of a package embodying my invention;

Fig. 2 is a similar view with portions broken away showing the package in the process of being opened so as to remove the contents therefrom;

Fig. 3 is a view similar to Fig. 2 with the package open and with the contents partially removed therefrom;

Fig. 4 is a perspective view of the package with the contents entirely removed therefrom;

Fig. 5 is a longitudinal sectional view of the package with the center portion omitted on the line 5—5 of Fig. 1;

Fig. 6 is a perspective view of the blank from which the slide used in my package is made; and

Fig. 7 is a perspective view of a modified type of slide having the contents therein.

My package comprises a container 10 in which is disposed a removable slide or drawer 11 serving to hold the contents 12 of the package so that it may be readily withdrawn from and reinserted into the package and a strip or sheet of material 13 for protecting the contents from the inner surface of the container and for facilitating the opening of the package.

2

The container may be of any desired shape but is preferably rectangular as shown and may be made from fibre, cardboard or other suitable material. My invention is not limited to the particular form of the container but in the present instance the container is provided with upper and lower panels 14 and 15, side walls 16 and one end wall 17. The opposite end of the container is open as shown and may be provided with side flaps 18 to help in closing and sealing the package. Similarly flaps 19 (one of which is shown in Fig. 5) may be provided at the closed end of the container.

The container may be formed from a single blank of material folded as shown so that the bottom panel 15 consists of two overlapping layers adhesively adhered together and the end 17 consists of two overlapping layers similarly adhered together.

The slide or drawer 11 may also be formed from a single blank of material as shown in Fig. 6. The slide consists of a bottom panel 20 having an integral end wall 21 and integral side walls 22 which are divided into small flaps or sections by means of the parallel slots 23 which serve as guides in dispensing the contents. The end wall and the side walls are folded up in the manner shown so as to form a slide or drawer in which the contents can be inserted and which in turn can be inserted inside the container and will snugly fit therein so it can have sliding movement with respect thereto. Connected to the forward end of the slide is an integral extension of the panel 20 which is folded in the manner shown so as to provide a closure 24 for the open end of the container 10, a flap 25 which is inserted between the top panel 14 and the contents, and a protruding flap 26 serving as a handle whereby the package may be readily opened and the slide removed from the container.

The strip or sheet 13 serves as additional protection for the contents of the package and also for the inner surface of the container. It is preferably made from a film of material which is substantially impervious to moisture and which is unaffected by fluids ordinarily present in plastic or semi-plastic food products such as liver paste, butter, lard and the like. For this purpose a plastic strip such as moisture proof cellophane, Pliofilm or vinyl resin is very satisfactory. The strip is long enough to be folded over the inner end of the contents as indicated most clearly in Figs. 4 and 5 and thence to extend over the upper surface of the contents and to be folded downwardly over the front surface thereof inside the

flaps 18 as shown most clearly in Figs. 2 and 5. Thereafter, it is folded upwardly outside the flaps 18 along the inner surface of the closure 24 and extends inwardly around the tab 25 and thence projects outwardly over the upper surface of flap 26 as shown in Fig. 5.

In using my improved package it is filled in any desired manner. In this connection the package may be used for holding many different types of materials. However, it is particularly suited for use with plastic and semi-plastic materials such as plastic food products including liver paste, various types of chopped and minced meats, lard, butter or the like. The contents may be preformed or precut and placed upon the slide 11 and thereafter the sides of the slide are folded up, the plastic strip 13 placed over the top and the assembly is inserted inside the container 10. The plastic strip is then folded down over the front surface of the contents, the flaps 18 are folded inwardly over the plastic strip, and the projecting end of the plastic strip and the closure 24 are then folded upwardly over the front opening of the container and the tab 25 with the plastic strip extending therearound is inserted between the panel 14 of the container and the contents with the tab 26 and the end of the strip projecting outwardly. Instead of filling the package in this manner it may, of course, be filled by means of a stuffing horn.

My new package provides a convenient commercial package and also a container for storing and dispensing the contents. When it is desired to use all or a portion of the contents the tab 26 and the protruding end of the plastic strip are grasped between the fingers and pulled in the manner indicated in Fig. 2 with the result that the forward end of the container is opened and the flaps 18 are bent outwardly by the force exerted by the plastic strip. Further pulling of the flap 26 and of the plastic film will result in partial withdrawal of the slide and contents from the container as shown in Fig. 3 or in complete withdrawal as shown in Fig. 4. Where only a small portion of the contents are to be used partial withdrawal, as shown in Fig. 3, is sufficient.

The contents of the package can be used by simply folding the plastic strip backwardly so as to expose the contents and a measured or predetermined amount of the contents may be dispensed by severing the contents transversely across the lines defined by the parallel slots 23. When the desired amount of the contents have been dispensed the plastic strip is again folded down over the contents and the slide is reinserted in the container and the end of the package closed in the manner previously described.

It will thus be seen that the side and the plastic strip serve to prevent contact between the inside of the container and the contents of the package. This prevents the contents from adhering to the inside of the container thereby avoiding interference with the opening and closing of the package and also prevents absorption by the container of the fluids in the contents.

In Fig. 7 I have illustrated a slightly modified form of slide in which the side walls 32 are formed in one piece but are provided with scored or weakened lines 33 whereby they may be readily divided into separate sections. The side walls 32 are also provided with integral extensions 34 which are folded inwardly forming flanges overlapping the contents of the package. The scored or weakened lines 33 extending upwardly into the flange portions 34 and the flange portions project outwardly in tongue-like fashion between the weakened lines. In addition, in this form of slide, tabs 35 for the open end of the package may be formed integrally with the side walls 32.

The modified slide shown in Fig. 7 is used in the same manner as the first form of slide and may be used for packaging the same types of material. However, I have found that it is particularly suitable for use with butter, lard, and similar preparations. When the slide shown in Fig. 7 has been removed or partially removed from the container and when it is desired to dispense a portion of the contents the side walls 32 may be severed along one of the scored or weakened lines 33 and the contents in turn are severed along the imaginary line defined by one pair of lines 33.

It will thus be seen that I have provided an improved package which is particularly suitable for use with plastic or semi-plastic material, which presents an attractive appearance and can be used as a commercial package and which may also be used for storing and dispensing the contents thereof. Modifications may be made in the illustrated embodiment of my invention without departing from the invention as set forth in the accompanying claims.

I claim:

1. A package comprising a container having an opening therein, a slide for holding the contents of the package removably disposed in said container and having a closure flap and handle formed with a portion closing said opening in the container and with another portion protruding therefrom whereby the package can be opened and the slide withdrawn from the container, said slide having an open top, and a protecting strip of flexible material disposed over and completely covering the open top of the slide to separate the contents from the inner surface of the container and thence extending along the inner surface of the closure flap and projecting outwardly with the protruding portion of the closure flap and handle.

2. A package comprising a container having an opening therein, a slide for holding the contents of the package removably disposed in said container and having an extension flap folded so that a portion extends across the opening in the container and serves as a closure therefor, another portion projects inside the container and frictionally holds the closure portion in closed position and a further portion projects outwardly serving as a handle cooperable to open the package and withdraw the slide therefrom, said slide having an open top and a protecting strip of flexible material disposed over and completely covering the open top of the slide and along the inner surface of the closure to separate the contents of the package from the inside of the container and having a portion projecting inside the container and thence outwardly with the portion of the extension flap which serves as a handle thereby to facilitate the opening of the package and the withdrawal of the slide from the container.

3. A package comprising a container having an opening therein and formed with a pair of side flaps extending partway across the opening from opposite sides thereof, a slide for holding the contents of the package disposed in said container and removable through said opening, said slide

having a base portion open at the top disposed in said container on one side of the opening and an extension flap extending across and serving as a closure for said opening, and a protecting strip of flexible sheet material extending over the open top of the slide and across the opening in the container in one direction inside said side flaps and in the opposite direction outside the side flaps and over the inner surface of the closure flap whereby the closure and flexible sheet material can be pulled to expose the opening in the container and to open the said side flaps.

4. A package comprising a container having an opening therein and formed with a pair of side flaps extending partway across the opening from opposite sides thereof, a slide for holding the contents of the package disposed in said container and removable through said opening, said slide having a base portion open at the top disposed in said container on one side of the opening and an extension flap extending across and serving as a closure for said opening, the extension flap having a relatively short folded tab projecting into the container on the opposite side of the opening from the base portion and frictionally holding the closure in position said tab being folded upon itself and having its end portion projecting outwardly from the container and serving as a handle and a protecting strip of flexible sheet material extending over the open top of the slide and across the opening in the container in one direction inside said side flaps and in the opposite direction outside the side flaps and over the inner surface of the closure said strip also extending into and out of the container with the folded tab whereby the tab and strip can be pulled to first opening the closure and the side flaps and thereafter to withdraw the slide from the container.

5. A package comprising a container having an opening therein and formed with a pair of side flaps extending partway across the opening from opposite sides thereof, a slide for holding the contents of the package disposed in said container and removable through said opening, said slide having a base portion holding the contents and being open at the top and being disposed in said container on one side of the opening and having an extension flap extending across said opening at right angles to the side flaps and serving as a closure for said opening and a protecting strip of flexible sheet material extending across the opening in the container parallel to said extension flap and in contact with the contents and inside said side flaps whereby the closure flap and flexible sheet material can be pulled outwardly to expose the opening in the container and to open the said side flaps.

6. A package comprising a container having an opening therein and formed with a pair of side flaps extending partway across the opening from opposite sides thereof, a slide for holding the contents of the package disposed in said container and removable through said opening, said slide having a base portion holding the contents and being open at the top and being disposed in said container on one side of the opening and having an extension flap extending across said opening at right angles to the side flaps and serving as a closure for said opening, the extension flap having a relatively short folded tab projecting into the container on the opposite side of the opening from the base portion and frictionally holding the closure in position, said tab being folded upon itself and having its end portion projecting outwardly from the container and serving as a handle, and a protecting strip of flexible sheet material extending over the contents at the open top of the slide and also across the opening in the container in contact with the contents and inside said side flaps said trip also having a portion extending into and out of the container with the folded tab whereby the tab and strip can be pulled to first open the closure and the side flaps and thereafter to withdraw the slide from the container.

HERBERT RUMSEY, JR.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
306,509	Munson	Oct. 14, 1884
542,903	Truax	July 16, 1895
625,757	Groneman	May 30, 1899
1,037,237	Gleanson	Sept. 3, 1912
1,381,276	Cadmus	June 14, 1921
1,621,451	Beach	Mar. 15, 1927
1,931,762	Huffman	Oct. 24, 1933
2,041,932	Hutchins, Jr.	May 26, 1936
2,101,522	White	Dec. 7, 1937

FOREIGN PATENTS

Number	Country	Date
167,065	Switzerland	Apr. 16, 1934