July 1, 1958 D. SCHWIMMER ET AL 2,841,276

COMBINATION DISPENSING AND DISPOSAL DEVICE

Filed Sept. 13, 1955

Fig. 1

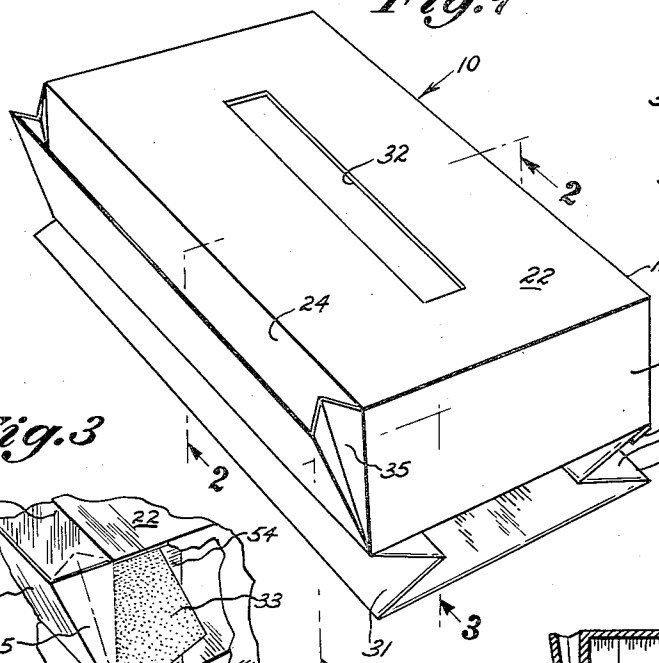



Fig. 5

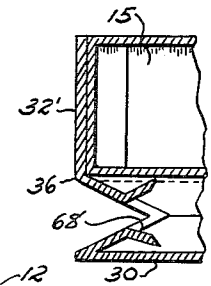



Fig. 3

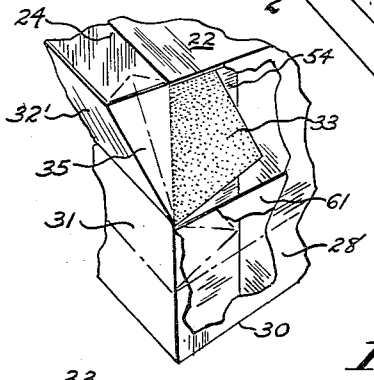



Fig. 2

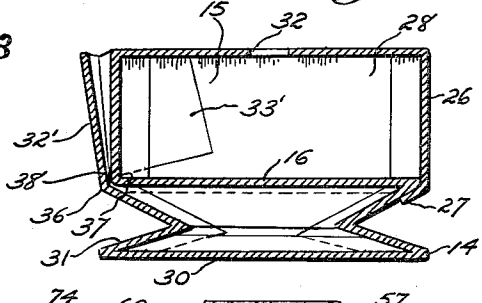
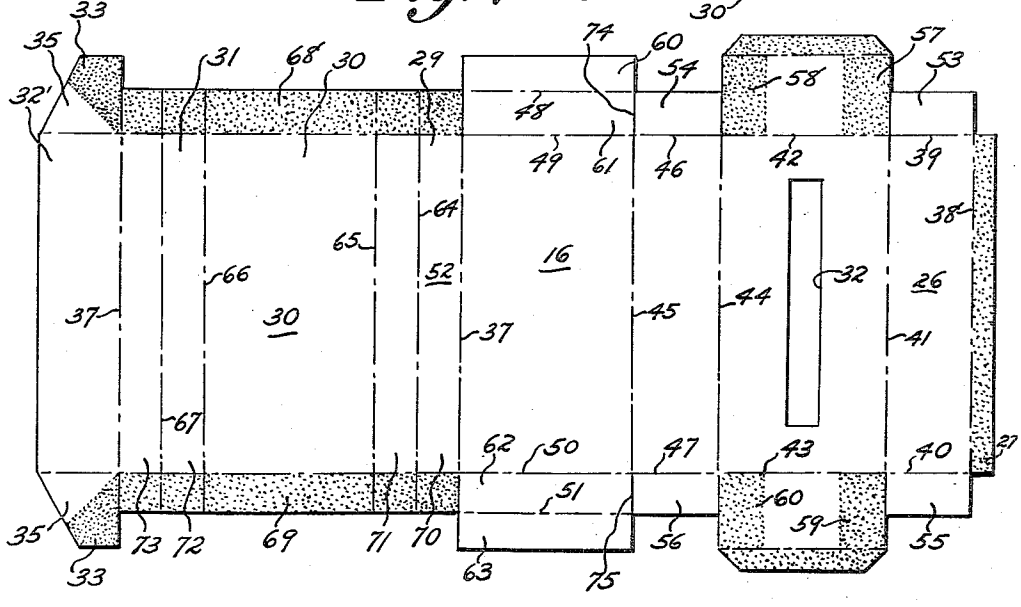



Fig. 4



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# COMBINATION DISPENSING AND DISPOSAL DEVICE

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1 Claim. (Cl. 206—57)

This invention relates generally to containers, and more particularly to a combination dispensing and disposal device especially adapted for dispensing single use items which require special disposal.

Absorbent tissues being available at low cost are in wide use for various blotting, absorbing and wiping uses. Frequently the material or substance which has been wiped may readily contaminate or soil still further articles so that immediately after the use of the absorbent tissue, it is desirable to place the same in a container which will serve to isolate the contaminated tissue, and to prevent the same from having any further soiling or contaminating action. Since such additional container to receive the soiled tissues is not normally conveniently available, it is among the objects of the present invention to provide a unitary structure which has both a storage capacity for unused tissues, or the like, as well as a chamber adapted to receive and isolate the soiled tissues.

Another object herein lies in the provision of structure of the class described, which may be compact and which may expand as needed to accommodate the soiled tissues.

Another object herein lies in the provision of a storing dispensing device, which although presenting a trim and compact appearance, is capable of alternation in use so that the same may be enlarged to accomplish its functions.

Another object herein lies in the provision of a device of the present character which adequately isolates soiled tissues, so that even when they contain infectious matter, the clean or unused tissues may be maintained in a substantially sterile condition.

A feature of the invention lies in the fact that even though the present device affords the means for the different uses described above, yet the same may be packaged and handled to present a relatively normal appearance, and to occupy only a slightly increased cubic area on the dealer's shelf.

Another feature resides in the fact that by virtue of the simple structure hereof, the same may be manufactured in large quantity at low cost with consequent wide distribution and use.

These objects and features, as well as other incidental ends and advantages, will become more clearly apparent during the course of the following disclosure, and be pointed out in the appended claim.

In the drawing, to which reference will be made in this specification, similar reference characters have been employed to designate corresponding parts throughout the several views.

Figure 1 is a view in perspective showing an embodiment of the invention in opened condition.

Figure 2 is a transverse vertical sectional view slightly reduced.

Figure 3 is a fragmentary view in perspective of the lower left-hand corner of Figure 1, partially broken away to show detail.



Figure 4 is a view in elevation of a blank, prior to assembly.

Figure 5 is a fragmentary transverse vertical sectional view, corresponding in most respects to that seen on Figure 2, but showing an alternate form of the embodiment.

In accordance with the invention, the device, generally indicated by reference character **10**, comprises broadly: a main storage element **12**, and a disposal element **14**.

The main storage element **12** comprises a top wall **22**, a front wall **24**, a rear wall **26** and end walls **28**.

The main storage element is preferably generally of box-like configuration, and has therein a tissue storage chamber **15**. The bottom wall **16** serves the dual purpose of enclosing the chamber **15**, and acting as a top wall member defining the disposal element **14**.

The top wall **22** is provided with an elongated orifice **32**, through which the contents (not shown) may be subsequently removed.

The lower portion of the rear wall **26** is provided with a gummed tab member **27**, while the rearward portion of the bottom wall **16** is formed integrally with an accordion member **29**.

The disposal element **14** includes the above-mentioned accordion member **29**, a bottom wall member **30**, a second accordion member **31**, and a chute wall **32'**. As may be seen on Figures 2 and 3, the chute wall **32'** is provided with tabs **33'** adapted to be glued or otherwise secured to the inwardly disposed surfaces **33** of the end walls **28**.

An accordion fold section **35** on each of the tabs **33'** permits the chute wall **32'** to be positioned adjacent the front wall **24**, when the device is not in use, and to be opened to the position shown on Figure 3 during use. Although the lower edge **36** of the chute wall **32'** is positioned adjacent the lower edge **37** of the front wall **24**, a narrow slit **38** is formed which may be enlarged by the fingers of the user when inserting a folded or contaminated tissue, owing to the flexibility of the material from which the device is made.

Referring to Figure 4, as mentioned hereinabove, the entire device may be formed from a single piece of suitable material, as for example, pasteboard, or the like.

The device is assembled by creasing the fold lines **38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51** and **37** in an upwardly direction. A gummed portion **27** is then adhered to the surface **52** of the accordion member **29** which then abuts the side wall tabs **53, 54, 55** and **56**. Gummed areas **57, 58, 59** and **60** may be then secured to the opposite surfaces of members **60, 61, 62** and **63**, respectively, care being taken to provide an area for the attachment of the tabs **33**. The accordion fold portions **29** and **31** may then be completed by creasing the fold lines **64, 65, 66, 67** and **37**, the gummed areas **68** and **69** being attached to the planar portions **70, 71, 30, 72** and **73**. Finally, the tabs **33** are inserted through a slot formed by the severed lines **74** and **75**.

Turning now to the alternate form of the embodiment as shown on Figure 5, parts corresponding to those of the principal embodiment have been designated by similar reference characters, thereby avoiding needless repetition.

The alternate form of the embodiment differs from the principal form in the provision of an entrance slot **68** in the accordion portion **31** providing means of ingress to the disposal element **14**. In this case, the wall **32'** may be entirely glued to the outer surface of the wall **24**.

We wish it to be understood that we do not desire to

be limited to the exact details of construction shown and described in this specification, for obvious modifications will occur to those skilled in the art to which the present invention relates.

We claim:

A combination dispensing and disposal container comprising: a storage element and a disposal element formed from a unitary planar blank of material, said container including a rear wall member, a top member having an opening therein for the removal of unused tissues therethrough, a front wall member, a first bottom wall member, and a pair of sidewall members; said members being interconnected to form a rectangular enclosure for unused tissues; a second bottom wall having four side edges, a plurality of accordion fold members interconnecting said first and second bottom wall members on three



edges thereof, a chute wall having gusset means interconnecting the same at side edges thereof to said side wall members, and at a bottom edge thereof through an accordion fold to the remaining side edge of said second bottom wall.

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