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W. H. PETERS

2,000,454

TOILET PAPER CONTAINER AND DISPENSER

Filed March 24, 1934

Fig. 1.

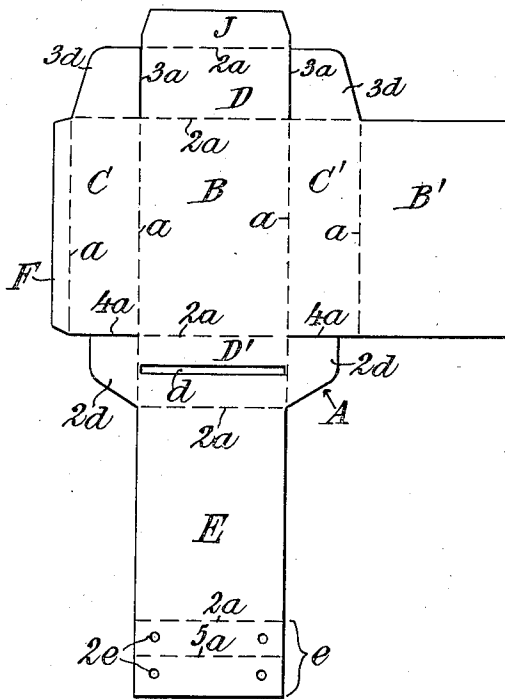


Fig. 2.

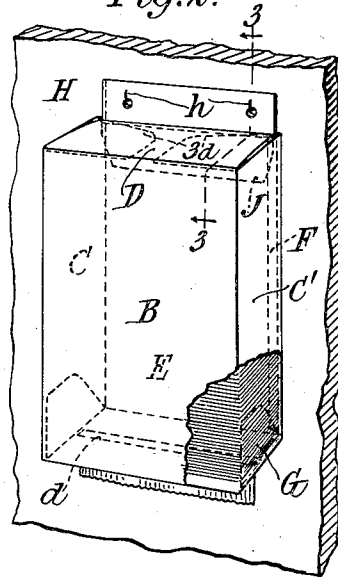


Fig. 4.

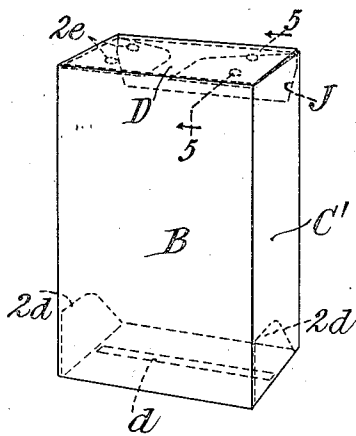


Fig. 3.

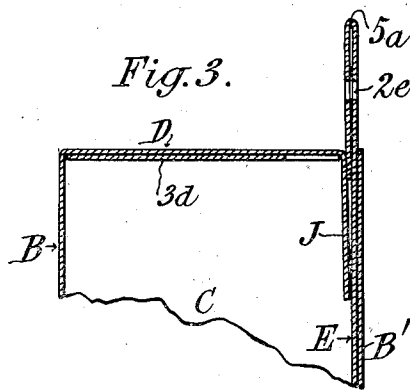
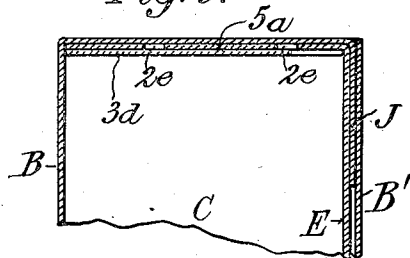


Fig. 5.



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UNITED STATES PATENT OFFICE

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TOILET PAPER CONTAINER AND DISPENSER

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Application March 24, 1934, Serial No. 717,150

4 Claims. (Cl. 296—57)

My present invention relates to containers or receptacles for holding and dispensing toilet paper, paper towels, and the like, and aims to provide certain improvements therein. More particularly it relates to a dispensing container which has novel means integral therewith for supporting the container to facilitate dispensing the contents therefrom.

An object of the invention is to provide a device of the character described, formed from a single blank of cardboard and the like, having integral reinforcing means for providing a suitable suspending medium for the container. A further object is to provide a carton having a dispensing opening in its bottom wall, which latter is made integral with the suspending means so as to distribute the pressure over other portions of the carton when withdrawing the contents therefrom. A further object is to provide a device of the character described wherein the supporting means normally do not interfere with the packing and shipping of the containers.

The foregoing and other objects of my invention I accomplish by forming the wall of the container having the dispensing slot therein integral with the container supporting flap or tab, and where said dispensing opening is in the bottom wall I extend the panel containing said wall back under the rear wall of the container so as to project beyond the top thereof to provide the supporting tab thereat. I also preferably make said projecting tab of a length substantially equal to or slightly less than the depth of the container so that it may be doubled back upon itself to provide the tab, or if desired it may be folded down flat against said top and be held in such position during packing and shipping by the top flap of the carton. The invention will be better understood from the detailed description which follows when considered in conjunction with the accompanying drawing showing a preferred embodiment of my invention, and wherein

Figure 1 is a plan view of a blank from which the container is formed;

Fig. 2 is a perspective view of the container mounted upon a supporting wall;

Fig. 3 is an enlarged section taken substantially along the plane of the line 3—3 of Fig. 2;

Fig. 4 is a perspective view of the container with the supporting tab folded down and held in place by the top wall of the container so as to be free from projections; and

Fig. 5 is an enlarged section taken along the plane of the line 5—5 of Fig. 4.

Referring to the drawing let A represent a con-

tainer blank which is suitably scored along the parallel longitudinal lines *a* and the transverse parallel lines *2a*, and cut through along the longitudinal lines *3a* and transverse lines *4a*, to provide the front and rear walls B and B', the side walls C and C', and the end walls D and D' of the container when the blank is suitably assembled into box-like form.

The end wall D' has a slot *d* extending completely thereacross and centrally thereof parallel to the ends of the container, and also has formed integrally therewith an extension portion E of a length greater than the length of the wall B by an amount *e* which is best shown in Fig. 1. The portion *e* of the blank on its side opposite to that containing the scorings *a* and *2a* is scored along the line *4a* parallel to the ends of the container and said line of scoring is such as to divide the portion *e* into two parts, the outermost of which is slightly wider than the inner part thereof so that when the outermost part is folded down along the line *4a* the free edge thereof will project beyond the scored line *2a* for a purpose which will presently appear. The portion *e* is formed with aligned openings *2e* so disposed with relation to the line of fold *4a* that said openings will coincide when the outermost portion of the part *e* is folded down in the manner aforesaid.

The blank is suitably folded along its scored lines *a*, and the flap F' adhesively secured to the side wall B', to provide a box-like container with open ends. The end wall D', together with its extension portion, is then folded along the scored lines *2a*, whereupon the end flaps *2d* will enter into the box-like container as the extension portion E is inserted therinto. It will be appreciated that when this is done the extension portion E will overlies the back B and the portion *e* will project beyond the top edge of said back B. At this point the toilet paper, paper towels, or the like, G, are introduced into the container through the top thereof. This being accomplished, the dispensing container may be closed up for packing and shipping in either of the following manners:—(1) The portion *e* may be bent back upon itself along the line of fold *4a* to bring the openings *2e* into coincident relation and the free edge of said extension down into the container, after which the top end D may be folded along its scored lines *2a* to bring the flap J into overlapping relation to the end of the portion *e* to close the end of the container in a manner best shown in Figs. 2 and 3. The resulting package will have a projecting tab thereon ready for mounting upon hooks *h* secured in a supporting

wall H or the like, or by any other equivalent means. (2) Alternatively, the extension *e* may be folded down across the top of the container preferably after the end flaps 3*d* have been turned
 5 down, after which the top end D may be folded down over the part *e* to bring the flap J into between the wall B' and extension portion E to close the container to provide a package free from projections as best shown in Figs. 4 and 5.

10 Where the dispensing container is packed and shipped in the form shown in Fig. 4 it may contain instructions on the top thereof for withdrawing the portion *e* and folding it back upon itself to provide the supporting tab for the container as
 15 shown in Figs. 2 and 3.

From the foregoing detailed description it will be apparent that I have provided a simple, economical and practical combined container and dispensing device possessing the various features
 20 described in the objects of my invention and wherein the bottom wall of the container, which is formed with the dispensing opening therein, will be reinforced by the extension member thereon which carries the supporting tab so that in
 25 withdrawing the contents from said container through the dispensing slot any strain placed upon the bottom wall by such action will be in the main borne by the supporting elements *h* and thus prevent the bottom of the container
 30 from opening up and discharging the contents en masse.

The invention it will be appreciated is susceptible of other detailed constructions and uses and I therefore do not wish to be limited to the
 35 precise construction disclosed since it will be apparent that the same may be deviated from without departing from the spirit of the invention.

What I claim is:—

40 1. A dispensing container formed from a unitary blank of sheet material scored to define areas constituting front, back and side walls with a supplemental attaching strip and top and bottom walls when the container is set up, the bottom wall
 45 having a dispensing slot therein and an extension portion overlying the inner face of an adjacent wall and of a length to project beyond the top of said adjacent wall, said projecting portion of said extension being bent back upon itself and having its free edge extending into the container to provide
 50 a supporting tab therefor.

2. A dispensing container formed from a unitary blank of sheet material scored to define areas constituting front, back and side walls with a supplemental attaching strip and top and bottom walls when the container is set up, the bottom wall
 5 having a dispensing slot therein and an extension portion overlying the inner face of an adjacent wall and of a length to project beyond the top of said adjacent wall, said projecting portion of said extension being of a length no greater than
 10 the depth of the container and being bent back upon itself along a line to bring its free edge back into the container to provide a supporting tab therefor.

3. A foldable cardboard box-like dispensing
 15 container formed from a unitary blank and normally free from projections when set up and having its bottom wall integral with an extension portion which overlies an adjacent wall of the container and of a length to project beyond the
 20 top of the container, said projecting portion of said extension being of a length no greater than the depth of the container and being normally held under the top of said container by the top wall thereof, and said extension member being
 25 adapted to be withdrawn from beneath said container top and bent back upon itself to provide a supporting tab for the container.

4. A cardboard dispensing container formed from a single blank of material bent into box-like
 30 form, having a body portion closed at four parallel edges and open at its ends whereat it is provided with flaps to provide end-closures, the flap at the bottom of the container having a dispensing opening therein and being of a length to provide an
 35 end-closure for the container and to extend inwardly over one of the box walls beyond the opposite end thereof a distance not greater than the depth of the end-closure, said projecting portion being normally folded down and held in place
 40 by the closure flap at said end and said folded down flap projection being adapted to be withdrawn from said position and to be bent back upon itself into substantially the plane of the portion thereof which overlies the box wall to provide
 45 a reinforced projecting tab for supporting the container.

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