April 2, 1929. G. A. SHAFFER 1,707,581

PACKAGE OF INTERFOLDED SHEETS

Filed Nov. 7, 1927 2 Sheets-Sheet 1

Fig. 1.

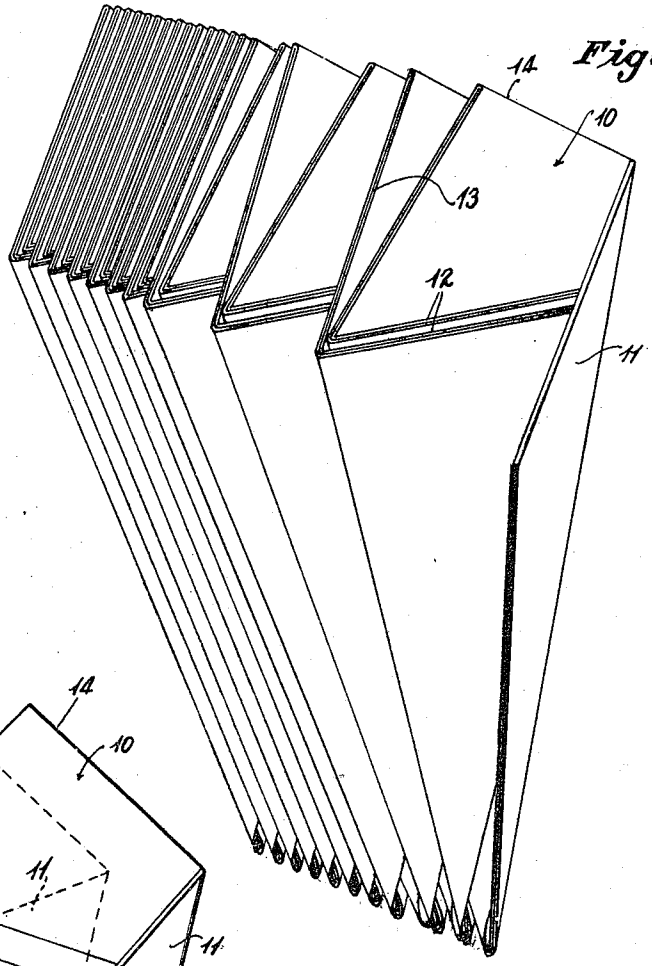


Fig. 2.

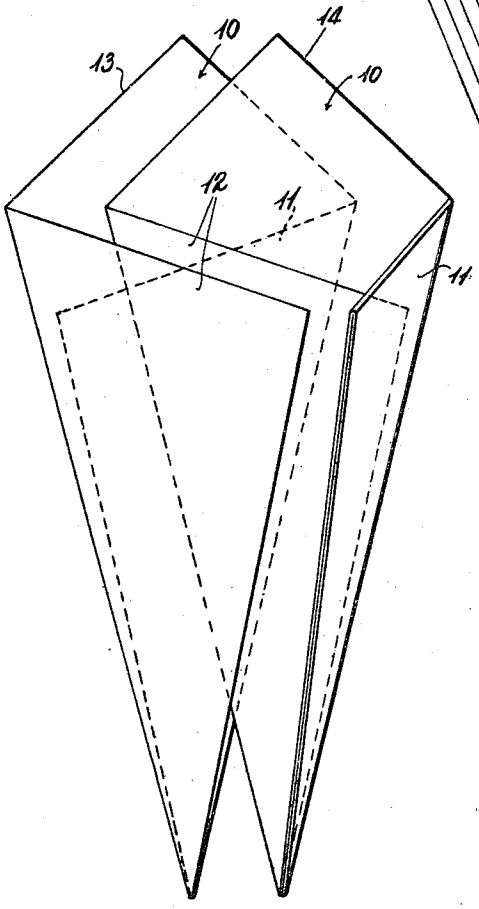
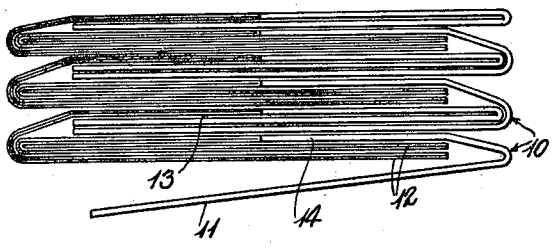


Fig. 3.



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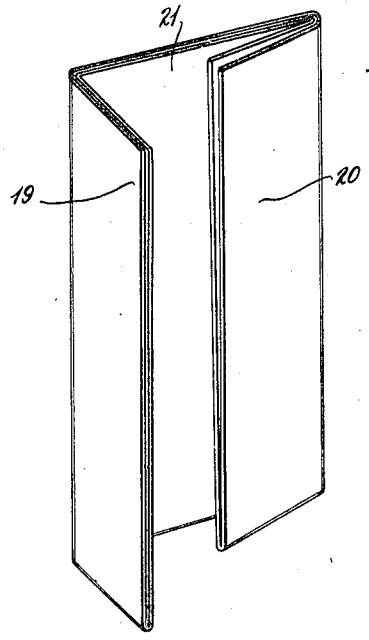


Fig. 6.

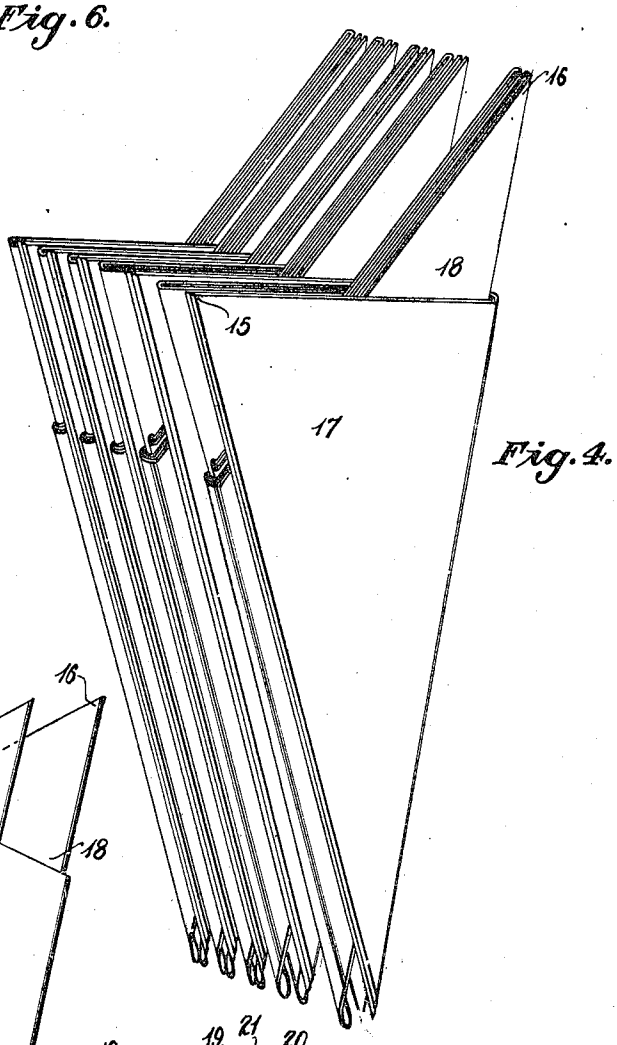


Fig. 4.

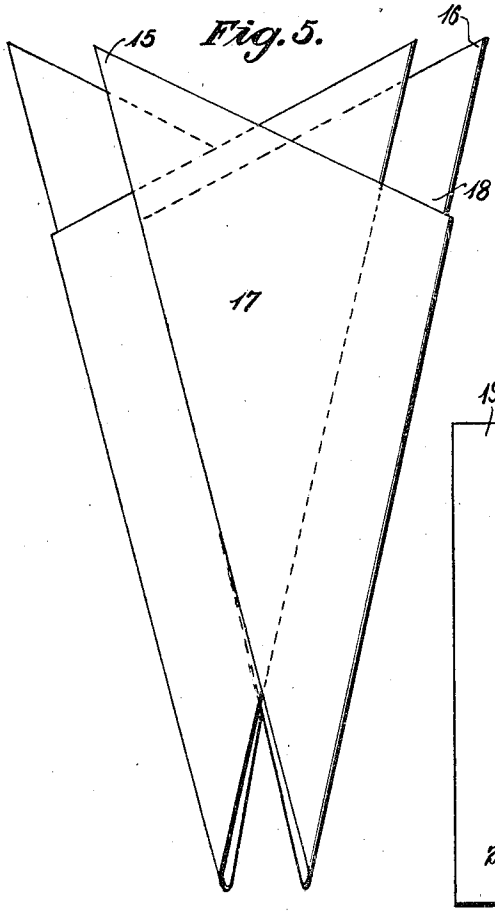


Fig. 5.

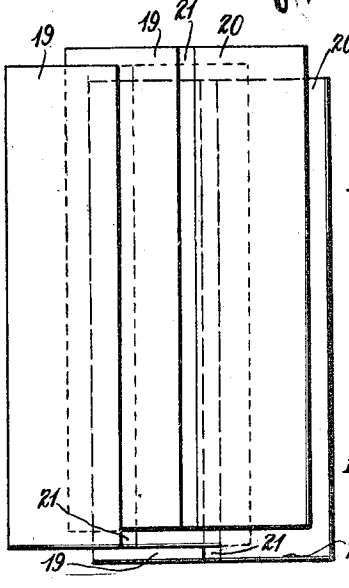


Fig. 7.

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UNITED STATES PATENT OFFICE.

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PACKAGE OF INTERFOLDED SHEETS.

Application filed November 7, 1927. Serial No. 231,549.

The invention relates to sheets as napkins or the like and has as an object the provision of a package made of sheets folded so as to expose two tabs upon the same side of a body portion and interfolded whereby the removal of the outermost sheet may pull out a tab of the succeeding sheet in the package to be grasped by the user for its removal.

It is a further object of the invention to provide a package of interfolded napkins, interfolded after a manner applicable to a variety of folds having two tabs on the same side of a body portion.

It is a further object of the invention to secure the advantages of an interfolded package in the use of substantially triangular folded napkins.

Further objects of the invention will appear from the following description when read in connection with the accompanying drawings showing illustrative embodiments of the invention and wherein:—

Figure 1 is a perspective view partially expanded of a package of interfolded cornucopia folded napkins;

Fig. 2 is a front elevation of a package showing the first napkin partially removed from the package to more clearly illustrate the manner of interfolding;

Fig. 3 is a plan view of the package shown in Figure 1 not expanded;

Fig. 4 is a view similar to Figure 1 showing a different form of substantially triangular napkins;

Fig. 5 is a view similar to Figure 2 illustrating the form of package shown in Figure 4;

Fig. 6 is a perspective view of a rectangular fold having two tabs on the same side of a body portion; and

Fig. 7 is a face view of three of the folds of Figure 6, interfolded and pulled partly from position.

As shown in Figs. 1 to 3 inclusive, the invention is applied to a cornucopia fold comprising a napkin first folded to quarter fold rectangular outline and then folded from one corner of the rectangle upon lines extending from said corner to a point between the opposite corner and the adjacent corners whereby to provide what is usually termed a cornucopia fold and providing a body portion 10 and a pair of tabs 11, 12 upon each fold. For purposes of interfolding the fold illustrated, the tabs 11, 12 are alternately superimposed upon each other in succeeding napkins of the package and below each tab 11 or 12 of each napkin after the first, there is enclosed between said tab and the body 10, the tab 12 or 11 of the preceding napkin and the body 10 and tab 12 or 11 of the succeeding napkin. This arrangement is partly shown in Figure 2 wherein the tab 12 of the napkin 13 encloses between itself and its body portion 10, the body 10 of napkin 14 and the tab 12 of napkin 14 and also in the full package will enclose the tab 11 of the next napkin behind the napkin 13 superimposed upon the tab 11 of itself.

With this arrangement and with the outside tab of the first napkin in the package projecting from a slit in a fixture, when the projecting tab is pulled upon the napkin will be withdrawn carrying with it the outer tab of the succeeding napkin.

Figs. 4 and 5 illustrate the invention applied to a substantially triangular napkin which fold is produced by first folding the napkin upon a diagonal line and then upon a line perpendicular to the apex of the triangle thus produced, the final fold being produced by folding the napkin upon lines radiating from the apex of the triangle last produced to points spaced from the intersection of a perpendicular to the base drawn through the last named apex thus producing a fold having the projecting points 15, 16 and the tabs 17, 18.

The interfold in this form of the invention is precisely the same as that already described, the tabs 17, 18 being reversely superimposed in succeeding napkins of the package and the outer tab of each fold enclosing between itself and the body of the napkin, first one of its own tabs, second the outer tab of the preceding napkin, and lastly the body of the succeeding napkin and the inner tab thereof. The dispensing of napkins from the package of this form of the invention is precisely the same as that from the form shown in Figures 1 to 3 inclusive.

Figs. 6 and 7 illustrate an embodiment of the invention applied to a rectangular fold having the two tabs 19, 20 folded upon the same side of the body portion 21 and, as shown in Fig. 7, having their edges lying adjacent each other and the center of the sheet but not overlapping each other. It is obvious that this form of the invention will apply equally well to a rectangular fold in which

the tabs are substantially equal in width to the body portion and overlap each other in alternately superposed relations.

In the embodiment of the invention of Figure 7 the folded sheet to the left has, between its body 21 and its tab 19, a portion of the body 21 of the next succeeding fold and the tab 19 thereof and the body portion 21 of said succeeding sheet overlaps the tab 20 of the sheet preceding the one to the left in the figure and also the tab 20 of said sheet to the left in the figure.

Minor changes may be made in the physical embodiment of the invention within the scope of the appended claims without departing from the spirit thereof.

I claim:

1. A package of interfolded sheets comprising, in combination, a plurality of units each comprising a body portion and a pair of tabs extending from said body portion toward each other and lying on the same side of the body portion, said units interfolded in such manner that a tab of each unit after the first encloses between itself and its body portion the body portion of the next succeeding unit, and second the corresponding tab of said succeeding unit and in such manner that the body portion of such succeeding unit overlaps first the opposite tab of the unit preceding said first named unit and second the opposite tab of said first named unit and third the body of said first named unit.

2. A package of triangular interfolded units, each comprising a body portion and substantially triangular tabs alternately superimposed upon said body portion, the first tab of each unit in the package after the first enclosing between itself and its body the opposite tab of the unit in question, the opposite tab of a preceding unit, the body portion of a succeeding unit and the corresponding tab of the succeeding unit.

GLENN A. SHAFFER.