Nov. 8, 1927. 1,648,156

A. DEL HOYO Y TEJADA

PACKAGE FOR CIGARETTES AND OTHER ARTICLES

Original Filed June 19, 1923

Fig. 1.

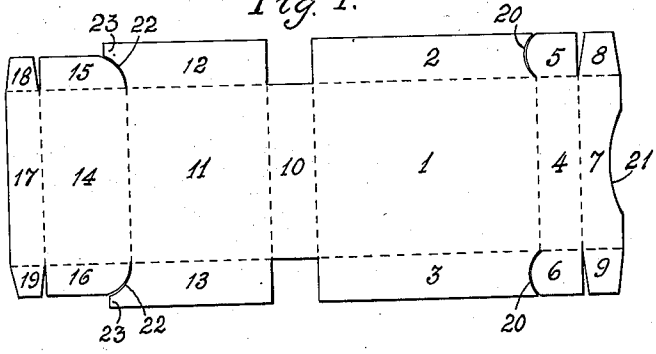


Fig. 6.

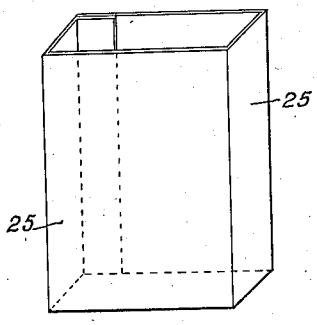


Fig. 2.

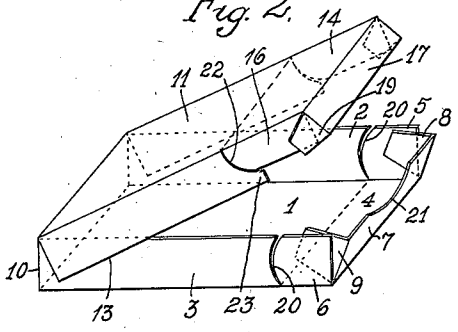


Fig. 3.

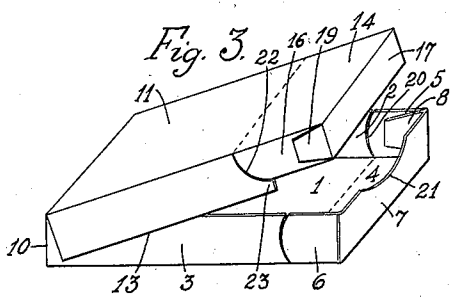


Fig. 7.

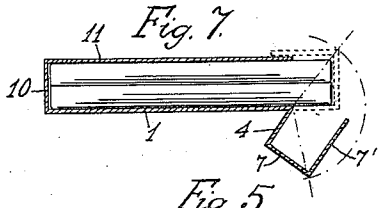


Fig. 4.

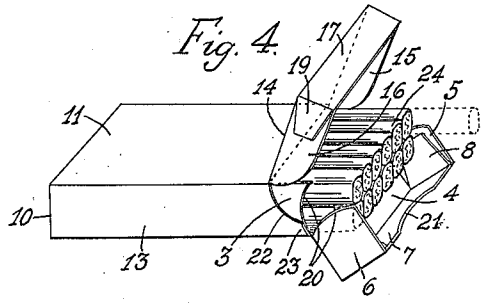
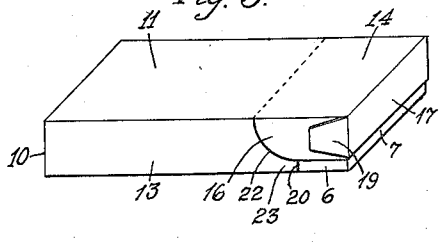


Fig. 5.



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UNITED STATES PATENT OFFICE.

ANGEL DEL HOYO Y TEJADA, OF HABANA, CUBA.

PACKAGE FOR CIGARETTES AND OTHER ARTICLES.

Application filed June 19, 1923, Serial No. 646,381, and in Cuba April 21, 1923. Renewed August 27, 1927.

This invention relates to card-board packages in general and particularly to the packages for cigarettes and other articles, and its object is to provide a card-board package of new construction and which at the same time is more economical than those at present in use for the reason that they are made of a single blank of cardboard, for which it is necessary only half the material and labor which is required for those at present in use, and resulting also more easy and practical to be handled than the same.

Another object of the invention is to provide a new card-board package which can be made and filled with cigarettes and other articles, by the use of proper machinery, such as it is made with the paper packages at present in use.

The invention is described with reference to the figures of the annexed drawing, in which:

Fig. 1 is a top plan view of a card-board blank used for making this package.

Figs. 2 and 3 are perspective views which represent different steps in the formation of this package.

Fig. 4 is a perspective view of the package full of cigarettes with its opposite lids unfolded.

Fig. 5 is a perspective view of the package totally closed.

Fig. 6 is a perspective view of the card-board case which can be used for covering the package.

And Fig. 7 is a longitudinal vertical section of a modified form of package provided with a single lid.

In Fig. 1 of the drawings it is represented a card-board blank cut by die or by any other means and divided in the following parts: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 13, 14, 15, 16, 17, 18, and 19 separated by folds indicated by dotted lines, and of which, parts 5 and 6 form flaps which are separated from parts 2 and 3 by curved cuts 20 and parts 8 and 9 are flaps of trapezoidal shape, part 7 having preferably an inward cut 21 at its free end. Parts 15, 16, 18 and 19 are of less width than parts 12 and 13 and these are separated from the adjacent parts 15 and 16 by curved cuts 22 which form in parts 12 and 13 a projecting end flap 23, and parts 18 and 19 are flaps of trapezoidal shape.

To form the package with the described blank, it is proceeded as follows:—Parts 2, 3 and 10 are raised on part 1 until becoming perpendicular to the same. In the same manner are then folded part 11 on part 10 and are then folded downwards parts 12 and 13 on part 11, so that the descending parts 12 and 13 remain outside of parts 2 and 3 and when they are in contact with each other, then they are united by means of glue or in any other manner, thus remaining, as shown in Fig. 4, one end portion of parts 2 and 3 projecting beyond the curved cut 22 of parts 12 and 13. Then are bent downwards parts 15 and 16 on part 14 until being perpendicularly to it and the same is made with part 17, causing flaps 18 and 19 to fold on part 17 until being respectively superposed to parts 15 and 16 to which are adhered by means of glue or any other means. In the same manner are bent up parts 5 and 6 upon part 4 until becoming perpendicular with part 7, bending on same the flaps 8 and 9 until coming beneath parts 5 and 6 to which are united by means of glue or in any other manner (Fig. 5).

In this manner it is formed a package with two opposite lids, one constituted by parts 14, 15, 16, 17, 18 and 19 and the other one integrated by parts 4, 5, 6, 7, 8 and 9, which lids are partially covered to each other as shown in Fig. 6.

The particularity of these opposite lids of the package is that the leading line thereof on which they have a pivotal motion is always farther inside than the respective corner of the package or the flush of the contents 24 of same, whether these contents be cigarettes as represented in the drawings or any other similar article, so that upon unfolding both lids outwards as shown in Fig. 4, it may be possible to get easily the cigarettes or any other content 24 for taking out the same without the parts of the package being an obstruction for this operation.

If it is desired, the package can be inclosed in a card-board case 25 similar to the well known in the art, for better security in the closure of the lids.

In Fig. 7 is shown a modified form of package in which there is a single lid united to part 1 and which is composed of three parts 4, 7 and 7′ bent on right angle one upon the other, which lid upon gyrating on the union line of part 4 with part 1, does it so that the end part 7′ may come to be partially superposed to the upper part 11, parts 14, 15, 16, 17, 18 and 19 being omitted here.

It should be understood that the number of parts of the package and its form can be modified, without altering the spirit of the invention, which is as pointed out in the appended claim.

What I claim is:—

A package for cigarettes and other goods comprising a single cardboard blank having each end thereof formed by two parts folded one on the other and united together, and two opposite lids each of which includes side, end and top portions rigidly connected one to the other thereby forming a whole pivotally connected to a corresponding side of the package, one of the lids being separated from the outer part of each end of the package by a curved cut and the other lid being separated from the inner part of each end of the package by a curved cut, both curved cuts being extended beyond pivotal connecting lines of the lids and converging in a point spaced from the edge, said lids being capable of respectively engaging each other to insure a complete closure of the package, and the outer lid being of less width than the inner lid and having a border in longitudinal alignment with the convergence point of the said two cuts.

In witness whereof I affix my signature.

ANGEL DEL HOYO Y TEJADA.