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F. C. ELY.

CARTON AND DISPLAY DEVICE.

APPLICATION FILED AUG. 22, 1905.

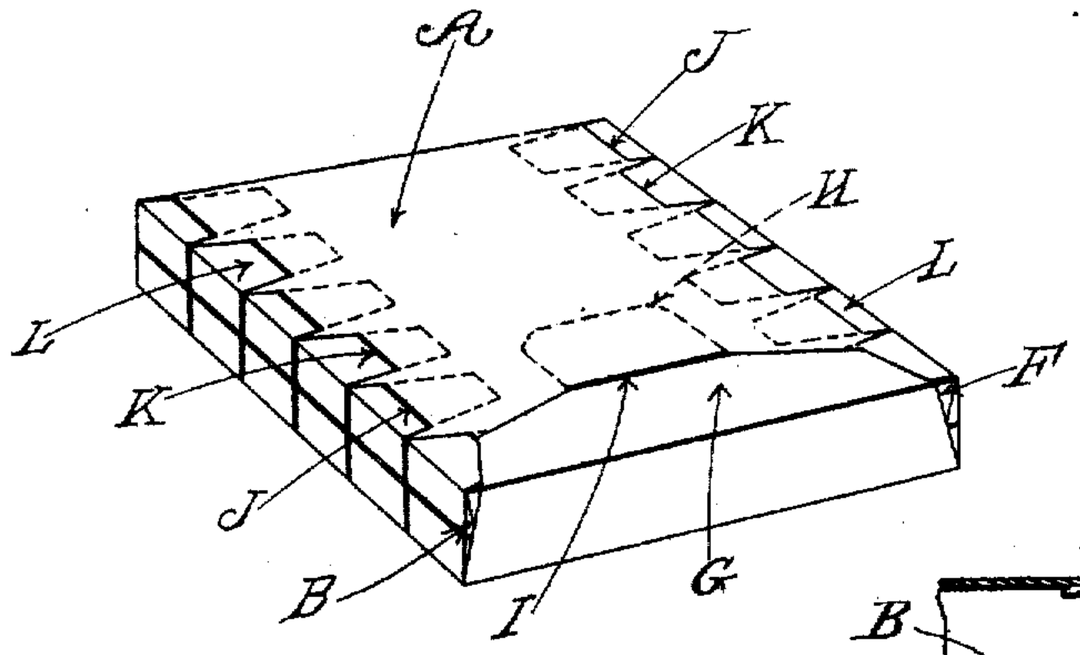
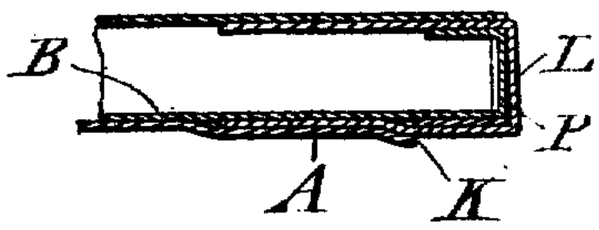


Fig. 1.

Fig. 5.



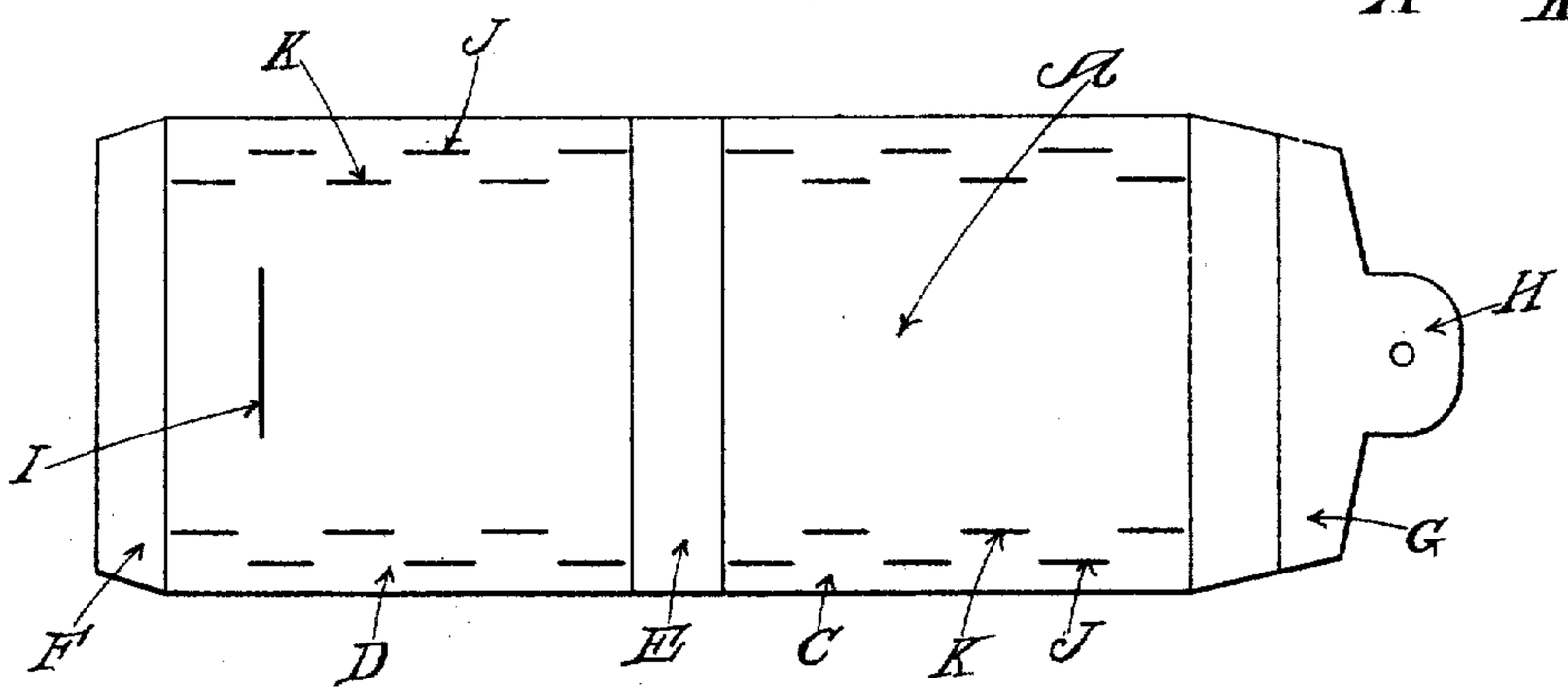


Fig. 2.

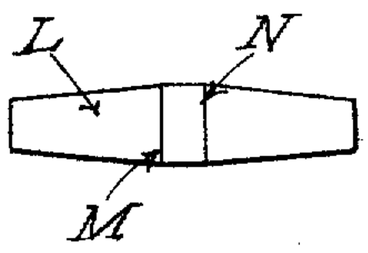


Fig. 3.

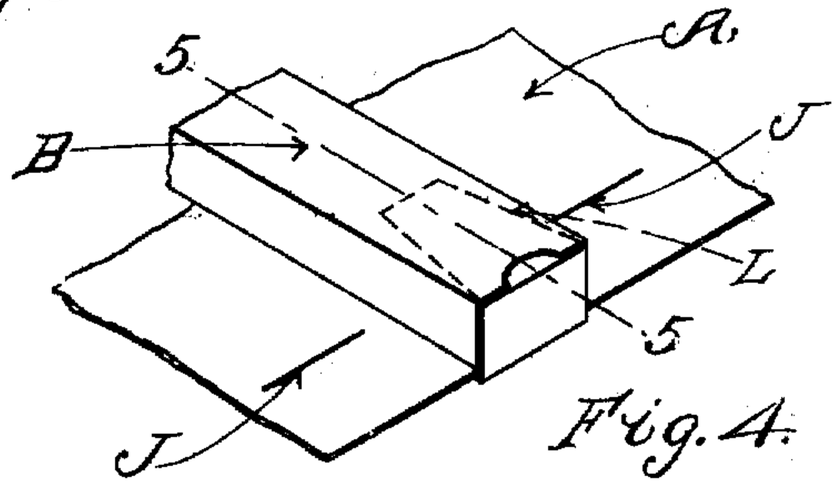


Fig. 4.

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UNITED STATES PATENT OFFICE.

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CARTON AND DISPLAY DEVICE.

No. 835,155. Specification of Letters Patent. Patented Nov. 6, 1906.

Application filed August 22, 1905. Serial No. 275,292.

To all whom it may concern:

Be it known that I, FREDERICK C. ELY, a citizen of the United States, residing at Northampton, county of Hampshire, State of Massachusetts, have invented a certain new and useful Improvement in Carton and Display Devices, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to a combined carton and display device which may be folded up to form a carton or package to contain individual boxes in which the goods are packed to protect the same during transportation or in storage and which may be opened out and serve as a holder to display the individual boxes to prospective purchasers when exposed for sale.

The object of the present invention is to produce such a combined carton and display device in which independent means are provided for attaching the individual boxes to the backing which composes the main portion of the carton.

My invention will be fully understood from the following description, taken in connection with the accompanying drawings, and the novel features thereof are pointed out, and clearly defined in the claims at the close of this specification.

Referring now to the drawings, Figure 1 is a perspective view of a device embodying my invention, said device being filled with the small boxes which it is intended to contain and folded for transportation. Fig. 2 is a plan view of the cardboard body portion or backing of the package to which the said small boxes are attached. Fig. 3 is a plan view of the clip used for attaching the small boxes to the body portion shown in Fig. 2. Fig. 4 is a view in perspective, showing the end of one box and the manner of attaching it to the body portion of the package. Fig. 5 is a sectional view on line 5 5 of Fig. 4.

In the drawings I have shown my invention as embodied in a combined carton and display device which is adapted to contain a dozen individual boxes in the manner described in my application heretofore referred to.

A indicates the cardboard or backing which composes the main or body portion of my improved carton and display device. The cardboard A is of a width substantially equal to the length of the individual boxes B to be contained therein.

Along the sides of the body portion A are cut a series of slits J and K, the slits K, which alternate with the slits J, being somewhat nearer the center line of the backing A than the slits J to insure that they do not tear out. These slits are equal in number to the number of small boxes to be placed in the mailing-package and are intended to receive one end of a clip L. (See Figs. 1, 3, and 5.) The said clips L are scored or creased at M and N, so that they fold over the end of the box, and one end is tucked into any convenient aperture in the box—as, for instance, under the upper surface thereof—and the other end is inserted from the outside through the slit in the backing and extends along on the inner face of the backing between the backing and the box B. (See Figs. 4 and 5.) If more convenient, the clip may be inserted above the under surface of the box. The clip serves to secure the said box firmly to the backing without the use of strings. One of these clips L is provided for each end of each small box B contained in the package. It will thus be seen that my improved mailing-package and improved means for attaching the boxes to be contained therein to the backing enable me to use a backing which has straight edges and which is therefore less expensive to produce. These clips form a convenient means by which the boxes may be attached to the backing at a minimum expenditure of time on the part of the person doing this work. When the boxes are sold or removed from the carton one at a time, the package is left in a condition pleasing to the eye, there being no rough edges or loose tongues, as is the case where the individual boxes are attached with tongues or tucks formed integral with the backing A.

Of course it is to be understood that the device of my present application may also be used for display purposes in the manner described in my previous application, as well as for a carton to contain the individual boxes, and may be made in various sizes to accommodate any desired number of boxes.

What I claim is—

1. The combined carton and display devices comprising a backing provided with a

series of oppositely-disposed slits near each side edge of the backing and parallel therewith, one for each end of each of the articles to be contained in the display device, and independent removable clips, one end of each of which engages one of said slits, the other end of each clip engaging the end of one of the articles to be attached to said backing.

2. The combined carton and display device comprising a backing provided with a series of oppositely-disposed slits near each side edge of the backing and parallel therewith, one for each end of each of the cartons to be contained in the display device, a plurality of cartons to be attached to said backing transversely thereof and of the line of direction of the slits, and a plurality of independent removable clips, one end of each of which engages one of said slits the other end of each clip engaging one of the said cartons.

3. The combined carton and display device comprising a backing upon the main portion of which the cartons are to be disposed in groups, the space between the groups being substantially equal to the thickness of as many cartons as there are groups, a series of oppositely-disposed slits near each edge of the backing and parallel therewith, one slit for each end of each of the cartons to be attached to the backing, independent removable clips, one end of each of which engages one of said slits, the other end engaging one of the cartons, the said body portion being adapted for folding along the line of the space between the groups of cartons so as to superimpose one group upon the other, and a flap at one end of the said backing which when the backing is folded is adapted to engage with the backing near the opposite end.

4. The combined carton and display device comprising a backing provided with slits in pairs alternately nearer to and farther from the center of the body portion and independent clips one end of each of which engages one of said slits and the other end the end of one of the articles to be attached to the said body portion.

5. In a combined carton and display device, the combination of a backing provided with slits and clips one end of each of which engages the said slits and the other end folds over one of the articles to be contained within the said display device and is tucked into the end of said article.

6. In a combined carton and display device, the combination of a backing of a width equal to the length of the cartons to be displayed and having straight parallel sides, two series of slits in said backing parallel with the sides thereof, one series near each side of the backing, a plurality of cartons to be attached to said backing transversely thereof, and two series of independent clips one for each end of each of said cartons, one end of each clip engaging one of the slits in the backing and the other end of the clip engaging one of the cartons.

7. In a combined carton and display device, the combination of a backing of a width equal to the length of the cartons to be displayed and having straight parallel sides, two series of slits in said backing parallel with the sides thereof, one series near each side of the backing, a plurality of cartons to be attached to said backing transversely thereof, said cartons having end-closing flaps, and two series of independent clips one for each end of said cartons, one end of each clip engaging one of the slits in the backing and the other end of the clip engaging one of the cartons by entering between the said end flap and one of the sides of said carton.

8. In a combined carton and display device, the combination of a backing of a width equal to the length of the cartons to be displayed and having straight parallel sides, two series of slits in said backing parallel with the sides thereof, one series near each side of the backing, a plurality of cartons to be attached to said backing transversely thereof, said cartons having end-closing flaps, each clip securing the carton to the backing by inserting one end of the clip through one of said slits to the inner face of the backing beneath the carton and the other end of the clip being turned up over the edge of the backing and inserted between the said end flap and one of the sides of said carton.

In testimony whereof I affix my signature in presence of two witnesses.

FREDERICK C. ELY.

Witnesses:

WM. COWES,

MABEL A. YEATMAN.