

1,207,899.

Patented Dec. 12, 1916.

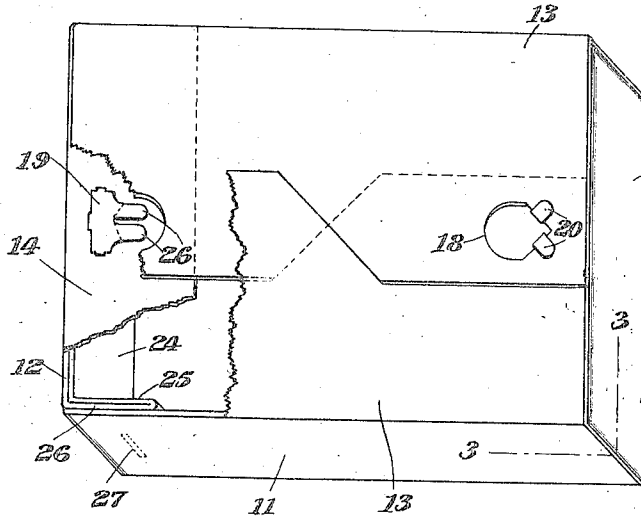


Fig. 1.

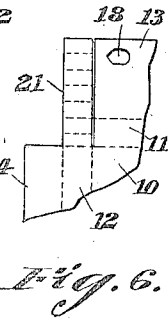


Fig. 6.

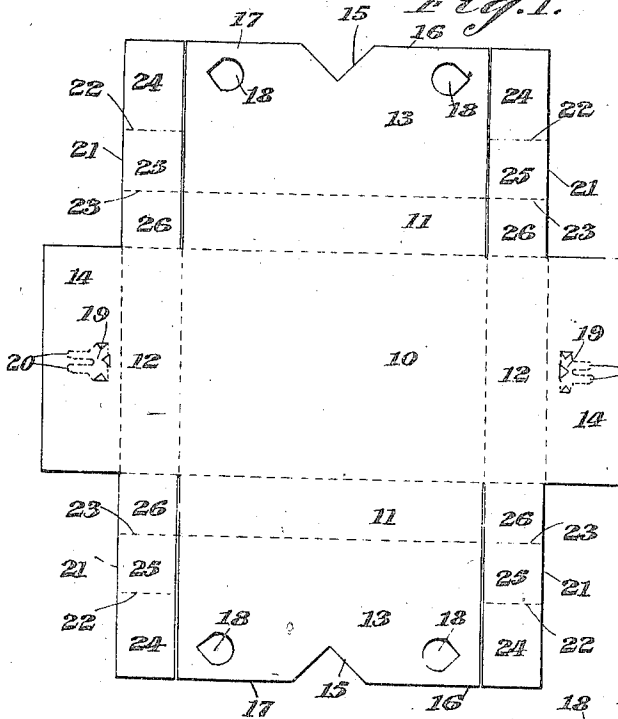


Fig. 2.

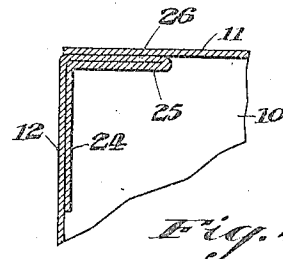


Fig. 4.

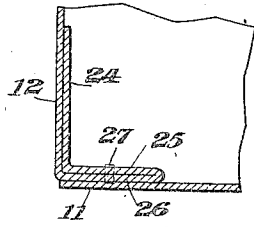


Fig. 3.

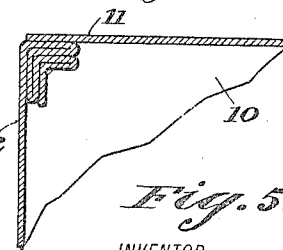


Fig. 5.

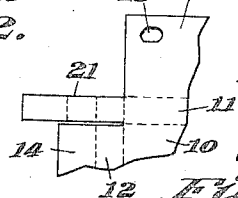


Fig. 7.

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MAILING-WRAPPER.

1,207,899.

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To all whom it may concern:

Be it known that I, HERMAN L. GREVE, a citizen of the United States, and a resident of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Mailing-Wrappers; of which the following is a specification.

This invention relates to mailing wrappers, particularly of the character suitable for transmitting books, magazines, photographs, or other similar articles.

In sending articles of the character above mentioned through the mails or any other distributing agency, they often become mutilated at the corners from the rough handling to which they are necessarily subjected in the course of transit. In order to remedy this objectionable condition, it has been the practice to apply metallic corner pieces to the corners of the books or other articles within the ordinary wrapper. This, however, is comparatively expensive, both on account of the material and on account of the additional labor required to apply them to the article.

The principal object of the present invention is, therefore, to provide a wrapper which embodies within itself means for protecting the corners of the books, or other articles to be shipped, and does away with all extraneous means for securing such protection.

A further object is to provide a mailing wrapper for books, or other articles of a similar nature, having reinforcing and cushioning corner members made from the same material as the wrapper itself and integral therewith.

Further objects and advantages will more fully appear from the following detailed description, and the features of novelty will be particularly pointed out in the claims.

In the drawings, Figure 1 is a perspective view of my improved mailing wrapper, with parts broken away to show clearly the appearance of the corner reinforcing member. Fig. 2 is a view of the wrapper when collapsed. Fig. 3 is a fragmental view partly in section taken along the line 3-3 of Fig. 1 showing the portions of the reinforcing member stapled together. Fig. 4 is a similar view showing a modification in which the portions of the reinforcing member are glued together. Fig. 5 is a further modification

showing the reinforcing member composed of a greater number of layers. Fig. 6 is a fragmental detail view on a reduced scale showing the reinforcing member illustrated in Fig. 5 when collapsed. Fig. 7 is a fragmental detail view of a further modification, showing the tongue from which the reinforcing member is formed as projecting from the end of the wrapper instead of the side.

Referring particularly to Figs. 1, 2, and 3, the general construction of the wrapper is substantially as described and claimed in my prior patents for mailing wrappers Nos. 1,092,209 and 1,092,210. Thus, the wrapper comprises a body portion 10, side walls 11, end walls 12, side flaps 13, and end flaps 14. At the outer edge of the side flaps 13 is formed a recess or notch 15 which divides the edge into sections 16 and 17; and at each outside corner of the flaps 13 is an aperture 18, the apertures in one flap registering with the corresponding apertures in the other flap, and the sections 15 and 16 interlocking at the notches when the wrapper is set up. Upon each of the end flaps 14 is fastened a suitable clip 19 provided with tongues 20 which pass through the registering apertures 18 and are bent back so as to securely lock the wrapper about the article contained therein.

I will now describe the novel manner in which I provide reinforcing and cushioning means at the inside corners of the wrapper to protect the corners of the articles to be shipped. To this end, in cutting the blank, I form, as a continuation of the end walls 12, tongues 21. By suitably scoring the latter, as at 22 and 23, thus dividing the tongues into three sections 24, 25, and 26, the latter can be readily folded one upon the other in a manner clearly shown in Figs. 1 and 3. When the wrapper is set up, the tongues, thus folded, constitute reinforcing and cushioning angle members which effectively protect the corners of the articles to be shipped. The sections 25 and 26 of the cushioning member may be permanently fastened together by a staple 27 or other suitable fastening device, or they may be glued together as shown in Fig. 4. The sections 24 need not be fastened or glued to the end portion 12, as they abut the latter when the wrapper is set up and are held in position by the article within the wrapper. If it is desired to secure a still greater cushioning

effect, the tongues 21 may be divided into a greater number of sections and folded into a correspondingly greater number of folds, as shown in Figs. 5 and 6. In this form the various sections need not be fastened together, as the tongues when properly scored fold naturally in the manner shown in Fig. 5, and when the wrapper is collapsed the cushioning member therefore only takes up a space equal to one thickness of material. However, fastening means may be used if desired.

In Fig. 7 I have shown a modified form in which the tongue which constitutes the reinforcing and cushioning member, projects from the side wall of the wrapper instead of the end wall.

It will thus be seen that I have provided a wrapper which embodies reinforcing and cushioning means at the corners thereof for protecting the corners of the article to be shipped. This reinforcing and cushioning means is formed out of the material of the wrapper itself and is integral therewith, and thus entails practically no added expense either in material or in labor. The use of means extraneous of the wrapper itself for protecting the corners of the articles and the expense incident thereto are entirely dispensed with. The wrapper when collapsed only takes up a very small amount of space, as the reinforcing member may be collapsed together with the rest of the wrapper.

Having thus described my invention, I claim:

1. A wrapper comprising a body, side and end walls, closure flaps, tongues extending from certain of the walls, said tongues being scored transversely to form a plurality of sections which are folded one upon the other and constitute reinforcing and cushioning angle members at the inside corners of the wrapper for the full depth thereof, said cushioning means being adapted to embrace the corners of the article to be shipped, as and for the purposes described.

2. A wrapper comprising a body portion, side and end walls, flaps extending laterally from the walls, tongues extending longitudinally from the walls, said tongues being scored transversely to form a plurality of sections, said sections being folded one upon the other to constitute reinforcing and cushioning angle members extending the full depth of the wrapper to embrace and protect the corners of the article to be shipped, and means for fastening adjacent sections to each other.

3. A wrapper comprising a body portion, side and end walls, closure flaps, tongues extending from the walls, said tongues being scored transversely to form a plurality of sections which are folded one upon the other and constitute reinforcing and cushioning angle members extending the full depth of the wrapper, and disposed on both sides of the meeting edges of the walls and adapted to embrace the corners of the article to be shipped as and for the purposes described.

4. A wrapper comprising a body portion, side and end walls, flaps extending laterally from the walls, tongues extending longitudinally from the walls, said tongues being scored transversely to form a plurality of sections, said sections being folded one upon the other to constitute reinforcing and cushioning angle members disposed at the inside corners of the wrapper extending the full depth thereof and abutting the adjacent walls, the adjacent sections of said tongues being fastened to each other, and the surface of the angle members contacting with the article to be shipped being angular to fit about the corners of said article.

Signed at New York city, in the county of New York, and State of New York, this 29th day of May A. D. 1914.

HERMAN L. GREVE.

Witnesses:

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