July 14, 1936. E. G. MASCARENHAS 2,047,790

PACKING DEVICE

Filed July 13, 1935

Fig. 1.

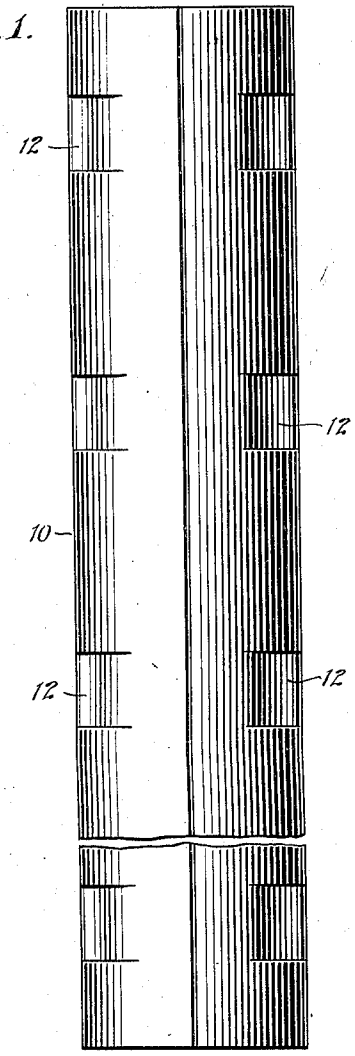


Fig. 3.

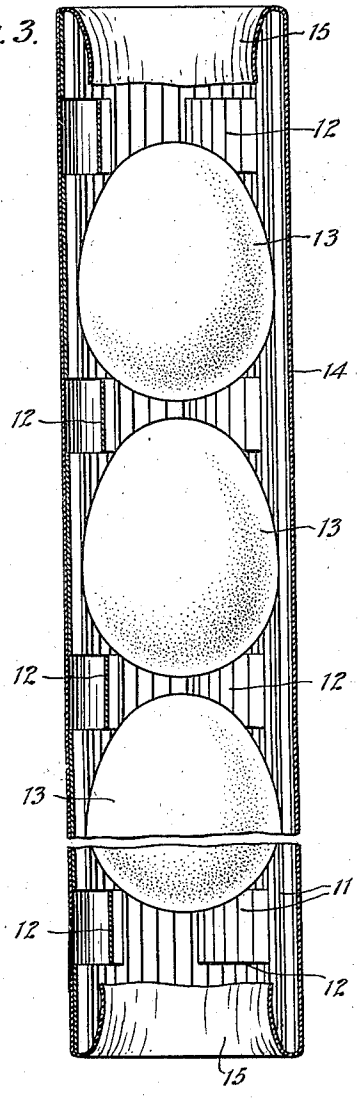
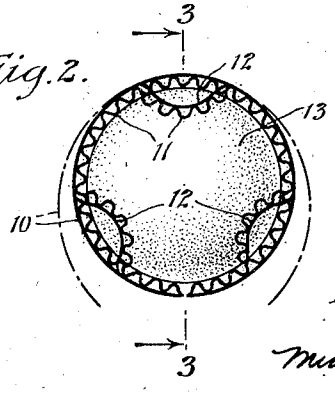


Fig. 2.



WITNESSES

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PACKING DEVICE

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1 Claim. (Cl. 229—93)

This invention relates to a device for packing and protecting fragile articles of various kinds or those which break easily, such as eggs.

The principal object of the invention is the provision of a simple, inexpensive, and effective device for protecting fragile articles or eggs to avoid breakage during transportation, and also making it possible to readily handle the same in the usual business transactions connected therewith.

The nature of the invention and its distinguishing features and advantages will appear when the specification is read in connection with the accompanying drawing, in which—

Figure 1 is a side elevation of a device embodying the features of the invention, portions thereof being broken away;

Figure 2 is an end view of the device;

Figure 3 is a longitudinal section, the section being taken as indicated by the line 3, 3 of Figure 2, and an outer wrapper being shown applied to the holding tube or case.

The device of the present invention includes a flexible sheet 10 of suitable size which may be rolled to form a tube or cylindrical case which will be slit or divided longitudinally throughout its length. The sheet 10 in the present instance consists of corrugated fiber board rectangular in outline. The corrugations 11 extend longitudinally throughout the length of the tube or case on the inside thereof. The corrugations 11 thus provide cushioning means on the wall of the tube or case formed by the sheet 10. The sheet 10 is slit transversely at intervals to provide from the material of the sheet transverse portions 12 in the same plane at intervals throughout the length of the tube or case. Each of the portions 12 has its ends in continuation of the tube or case formed by the sheet, and is distended so as to project inwardly of the tube or case as shown most clearly in Figures 2 and 3. These portions 12 constitute means to retain with a cushion effect the articles, such as eggs 13 within the tube or case, and also to prevent contact between the eggs at their ends. The eggs are enclosed by rolling the sheet 10 about them as will be understood.

In order to hold the sheet 10 in its tubiform, to give rigidity thereto, and to serve as a means for containing a printed advertisement, use is made of one or more sheets of wrapping paper, one sheet 14 being shown in the present instance. This sheet is wrapped around the tube or case as at 15.

From the foregoing, it will be apparent that fragile articles, such as eggs, may be readily packed or enclosed for protection within a tube or case which provides a cushion for the articles to avoid breakage in handling or while in transit; and that the articles may be readily removed by unwrapping the sheet 4, and unrolling the sheet 10.

I claim:

A packing device comprising a corrugated sheet rolled to form a tube adapted to contain a longitudinal series of spaced fragile articles, a circular series of spacing devices at each level between articles, each spacing device comprising an inwardly bowed section of the sheet between transverse slits in the sheet, said spacing devices projecting inwardly sufficient to hold articles against longitudinal movement and of a longitudinal dimension sufficient to prevent any two articles from contact with each other.

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