E. H. UNGEMACH.

SEALING AND OPENING DEVICE FOR CARTONS.

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903,341. Patented Nov. 10, 1908.

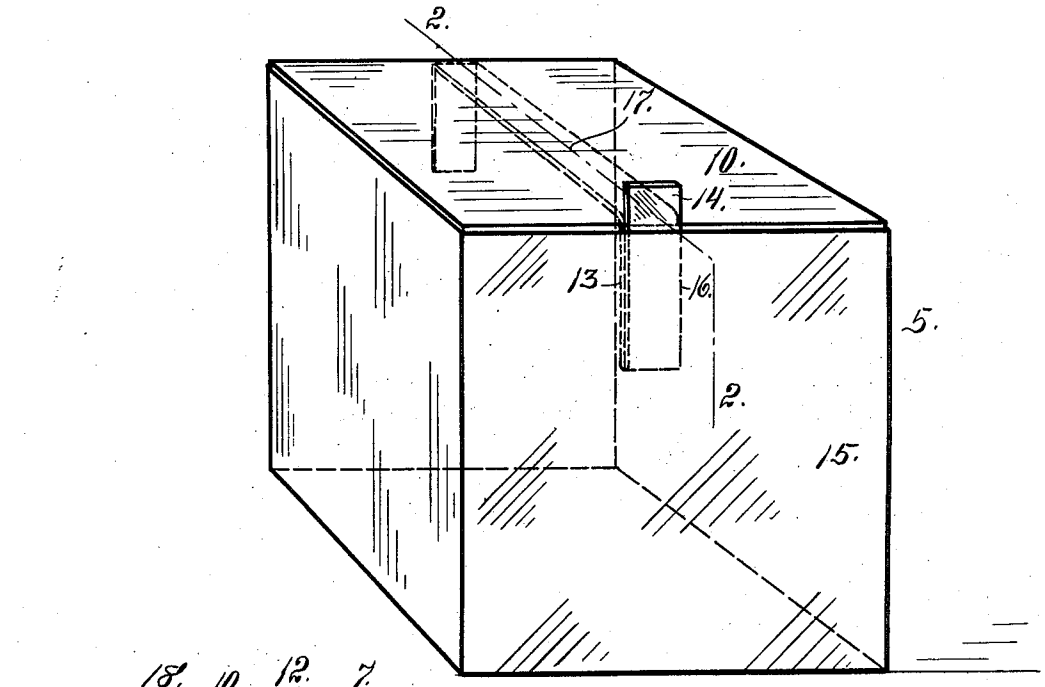


Fig. 1.

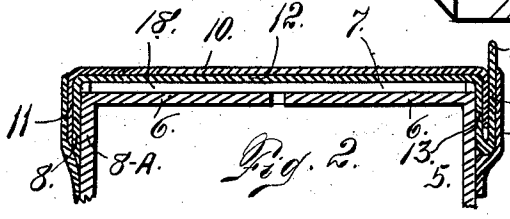


Fig. 2.

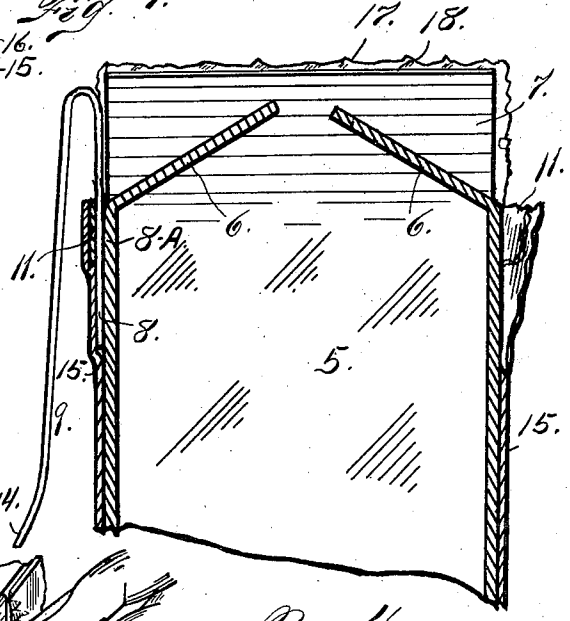


Fig. 4.

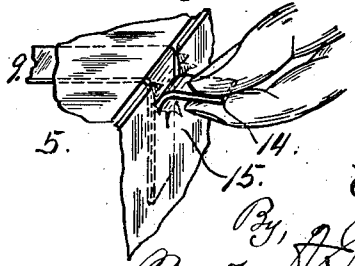


Fig. 3.

Witnesses

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SEALING AND OPENING DEVICE FOR CARTONS.

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Application filed April 16, 1906. Serial No. 311,811.

To all whom it may concern:

Be it known that I, EDWARD H. UNGEMACH, a citizen of the United States, residing at Denver, in the county of Denver and State of Colorado, have invented a new and useful Way to Seal and Open Cartons, of which the following is a specification.

My invention relates to improvements in a sealing and opening device for cartons.

It consists of a tape fastened to the cartons in such a manner as to provide a sealing device for the folding closures and also an opening means. With this improvement the carton is easily opened and the wrappers are always torn in the proper place, thereby enabling the contents to be withdrawn as needed, without destroying the box, which is often the case with the modern cartons.

Having briefly outlined my improvement, I will proceed to describe the same in detail, reference being made to accompanying drawings in which is illustrated an embodiment thereof.

In this drawing, Figure 1 is a perspective view of a carton having applied thereto my invention. Fig. 2 is a section through line 2—2 of Fig. 1. Fig. 3 is a detail perspective view showing the manner of breaking the seal. Fig. 4 is a similar view to Fig. 2 showing the package or carton open.

The same reference characters indicate the same parts in all the views.

Let the numeral 5 designate the carton with the ordinary folding parts 6 and 7.

When the carton 5 has been filled, and the parts 6 and 7 occupy their closing position, the end 8 of my improved sealing and opening tape 9 is glued to the side 8^A of the carton. It is then passed over the meeting edges of the parts 7 and is glued to the opposite side of the carton, thereby sealing the parts 6 and 7 in their closing position as shown in Fig. 2 of the drawing. The label 10 is then applied to the carton having its outer edges 11 overlapping the edges of said carton, and fastened to the sides thereof covering the parts 12, 8, and 13 of the tape. After this label has been applied, the tape is folded over the edge 11 of the label 10 to a vertical position, leaving its extremity 14 free and projecting above the top of the carton. The label 15 is then applied to the sides of the carton, covering the edges 11 of the label 10 and the part 16 of the tape 9.

The opening operation of the carton or receptacle is as follows: A person, by pulling on the free extremity 14 of the tape, first breaks the label 15 as shown in Fig. 3, and then the parts 11 and 17 of the label 10. After the label has been torn at 17 and the meeting edges 18 of the closures 7 exposed, said closures are then opened and freed from the edges 11 of label 10 by placing the fingers under the meeting edges 18 and folding said parts backward, after which operation the closures 6 are opened and the contents removed as desired.

Having thus described my invention, what I claim is,

The combination with a paper carton having folding closures, of a strip of flexible material placed over the adjacent edges of the closures and passed down along the side edges of the carton and secured thereto, one extremity of the flexible material being folded back upon itself and projecting above the carton a label covering the folding closures and a portion of the flexible strip, and a wrapping placed around the carton and covering the portions of the flexible strips which are secured to the sides of the carton.

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Witnesses:
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