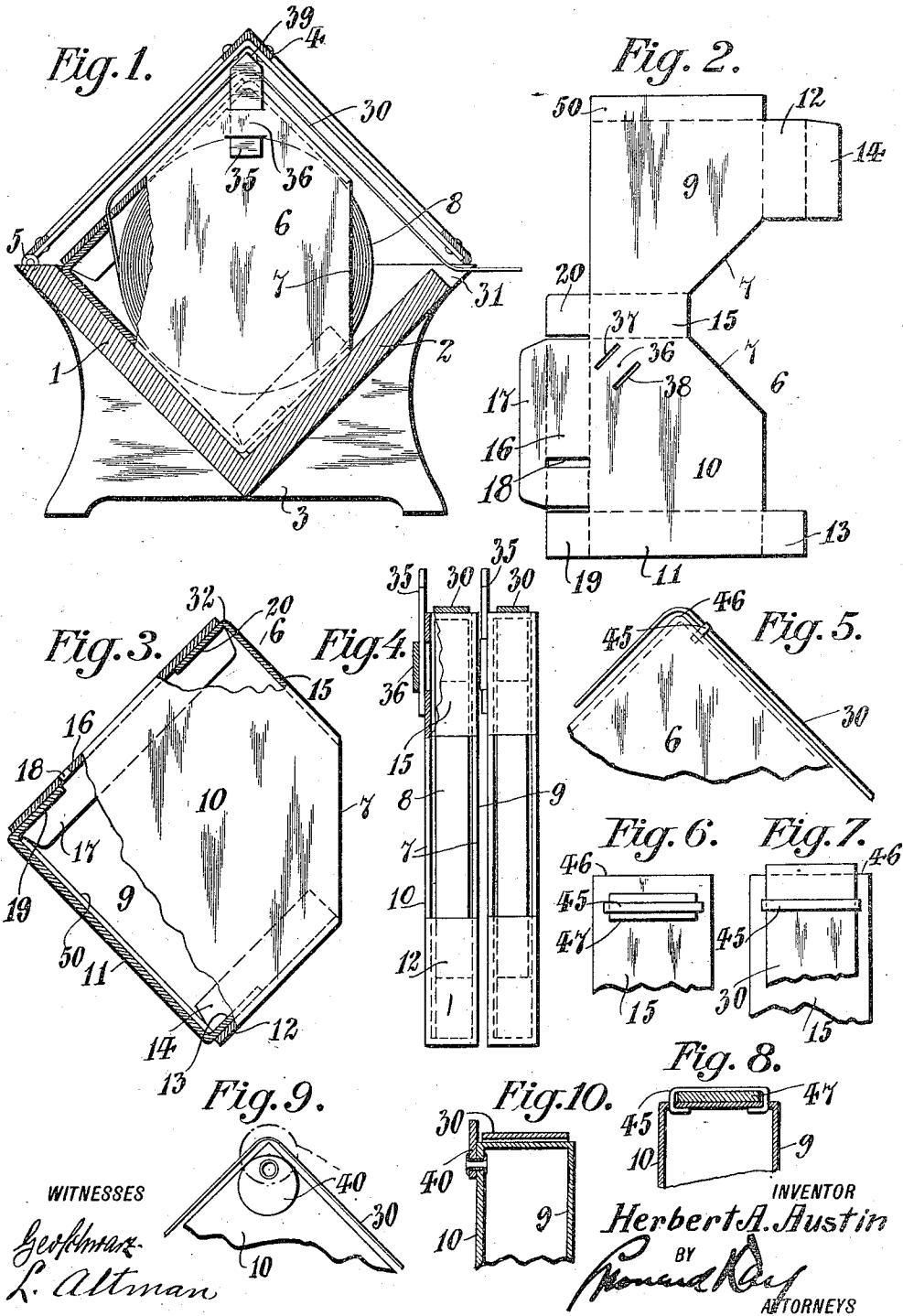


H. A. AUSTIN.
 PASTEBOARD DISPENSING PACKAGE FOR ELASTIC.
 APPLICATION FILED FEB. 15, 1913.

1,210,883.

Patented Jan. 2, 1917.



UNITED STATES PATENT OFFICE.

HERBERT A. AUSTIN, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO EVERLASTIK, INC.,
A CORPORATION OF MASSACHUSETTS.

PASTEBOARD DISPENSING-PACKAGE FOR ELASTIC.

1,210,883.

Specification of Letters Patent.

Patented Jan. 2, 1917.

Application filed February 15, 1913. Serial No. 748,713.

To all whom it may concern:

Be it known that I, HERBERT AURELIUS AUSTIN, a citizen of the United States, and a resident of the city of Boston, county of Suffolk, and Commonwealth of Massachusetts, have invented certain new and useful Improvements in Pasteboard Dispensing-Packages for Elastic, set forth in the following specification.

This invention relates to a dispensing package or box useful for shipping and dispensing a tape-like article like elastic webbing, tape, or ribbon.

Objects of the invention are to provide for the adequate protection of such an article in the form of a coil or reel; to provide for dispensing the same without opening the package; and to make provision for re-winding or recoiling any surplus which may inadvertently have been drawn out. It is contemplated that these objects are to be attained when the package is used either as a self-sufficient dispensing package or when mounted in a display cabinet of any suitable or well known construction.

The invention is pointed out more particularly in the following claims which should be read in view of the illustrative embodiments of the invention described in the following specification and shown in the accompanying drawings, which form a part of this application, in which like characters, designate corresponding parts and in which:—

Figure 1 is a cross-section through a cabinet, showing one of the boxes in elevation; Fig. 2 is an unfolded or flat blank from which a box is formed; Fig. 3 is an elevation of the box with parts broken away and with part of the construction shown in section; Fig. 4 shows a plurality of the boxes of Fig. 1, arranged side by side and viewed from the right of Fig. 1, partly in elevation but with parts broken away and parts shown in section; Fig. 5 is a detail elevation showing a modification of the guide; Figs. 6 and 7 are front plan views of the modified detail of Fig. 5; Fig. 8 is a fractional section also showing the detail of Fig. 5; and Figs. 9 and 10 are respectively a fractional elevation and a fractional section showing another modification of the guiding means.

A suitable cabinet for dispensing products such as elastic webbing or the like is shown in cross section in Fig. 1. A trough- or

cradle-like structure is formed by side string-pieces 1 and 2 framed at their ends in a manner illustrated by the end frame 3. A transparent cover 4 of suitable construction is pivoted as by hinges 5 to the bottom 60 trough-like structure which is conveniently made of wood. This trough-like structure may contain compartments or not as desired.

Fig. 2 illustrates a blank of cardboard or pasteboard suitable for dispensing packages 65 from which my package is made up by bending along the dotted lines and securing lapping parts together in a manner well known in paste board box manufacture. In the embodiment illustrated my box is of a mutilated square contour, one corner being severed or omitted along the line 7 so that the inclosed reel 8 is permitted to project or to be accessible in a manner shown in Fig. 1. The box 6 comprises parallel side faces 9 and 10; 75 edge walls 11, 12 and 16 and tabs 13, 14, 17, 19, 20 and 50, all of which are formed by bending the blank of Fig. 2 along the dotted lines. The wall 16 is provided with a dispensing slot 18 and is openable and clos- 80 able upon the tabs 19 and 20 to provide for the insertion of the reel 8. The tab 50 is secured to the wall 11; the tab 13 to the wall 12; and the tab 14 to the wall 10 in any suitable manner as by means of an adhesive. 85

In dispensing the elastic webbing or tape it is desired that the tape 30 after passing out of the slot 18 be drawn up over the upper corner of the box with the same in a position such as indicated in Fig. 1, and then 90 down and out through the dispensing slot 31 in the display cabinet. To prevent the elastic webbing or tape 30 from falling off the corner 32 of the box suitable means for guiding it and holding it in this position is provided. In Figs. 1, 2 and 4, this means is shown in the form of a stiff, narrow strip 35 95 of suitable material held to the box 6 by the lip 36 formed by providing the parallel slots 37 and 38 in the wall 10. When such a package is being shipped, this strip or guide 35 may be pushed down with its upper end 39 flush-with or underlying the corner of the box 6. To operate as a guide it should 100 be pushed up in a position such as shown in Figs. 1 and 4. One such guide 35 is sufficient for a box 6 when the same are stacked side by side as indicated in Fig. 4, the tape or elastic 30 lying between adjacent guides 35. In Figs. 9 and 10 a modification of this 105 110

guiding means is illustrated in the form of an eccentrically mounted disk 40 riveted by the eyelet 41 to the corner of the wall 10 so as to guide the elastic webbing 30 in a similar manner to the structure previously described.

In Figs. 5, 6, 7 and 8 another form of guide is illustrated. In this embodiment a wire bail or staple 45 is driven through an edge wall such as the wall 15 of the box 6 near the corner 46. To facilitate the proper spacing of this staple and to protect it from injury during shipping a filler piece 47 is provided about which the staple is clamped in the process of manufacture. This filler piece 47 likewise serves the function of maintaining the outer bar of the staple at the suitable distance from the wall 15. To employ this guide the filler 47 is removed and the web or tape 30 is threaded through the staple as shown in Figs. 5 and 7.

Although I have illustrated and described a pasteboard box made up to completion from a single blank, it is to be understood that the exact method of constructing my box as shown is not contemplated as necessary to my invention, the features of which are the provision of the dispensing slot 18, the open corner at 7 to make the contained

reel 8 accessible for re-winding, and the guiding means.

What is claimed and what is desired to be secured by United States Letters Patent is:—

1. A dispensing package for a reel of tape-like fabric comprising a thin rectangular pasteboard box having side walls to face against the sides of the reel; a dispensing slot formed in one edge wall; and being cut off at one corner to expose said reel for the purpose of rewinding.

2. A dispensing package for a reel of tape-like fabric comprising a thin rectangular pasteboard box having side walls to face against the sides of the reel; a dispensing slot formed in one edge wall; exterior guiding means adjacent the corner next to the dispensing slot to guide the passage of said tape-like fabric over the exterior of the box; and being cut off at one corner to expose said reel for the purpose of rewinding.

In witness whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

HERBERT A. AUSTIN.

Witnesses:

LEONARD DAY.

WM. J. SCHWEIGER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."