

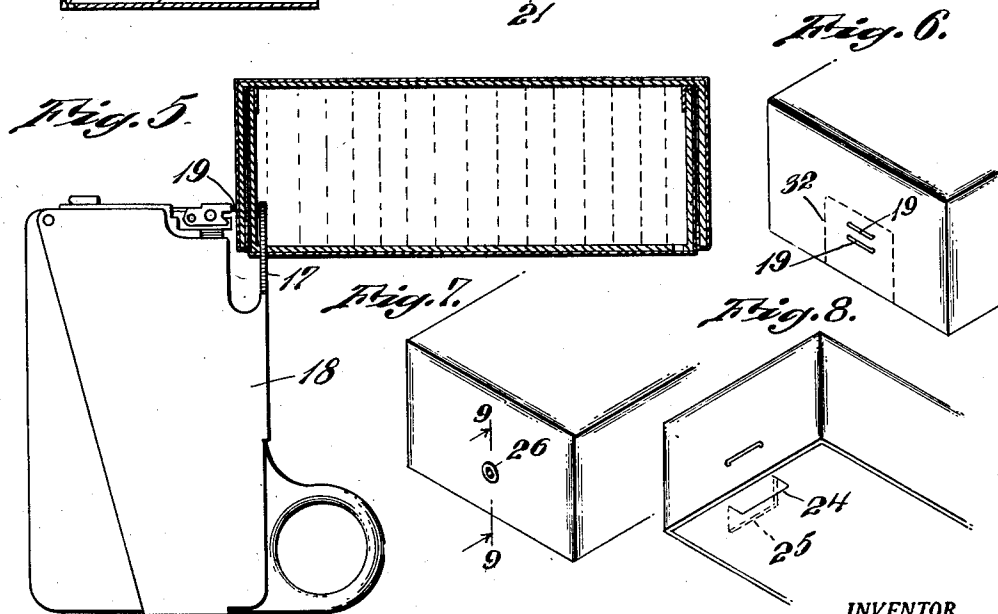
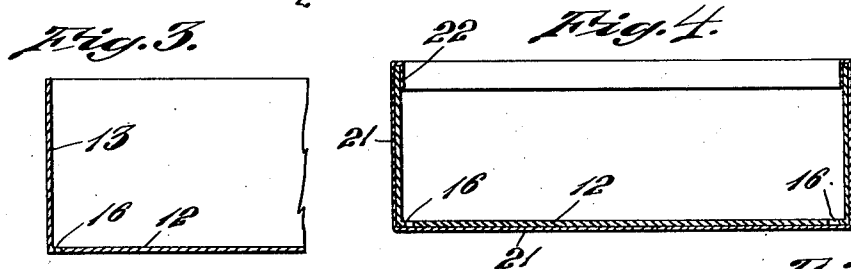
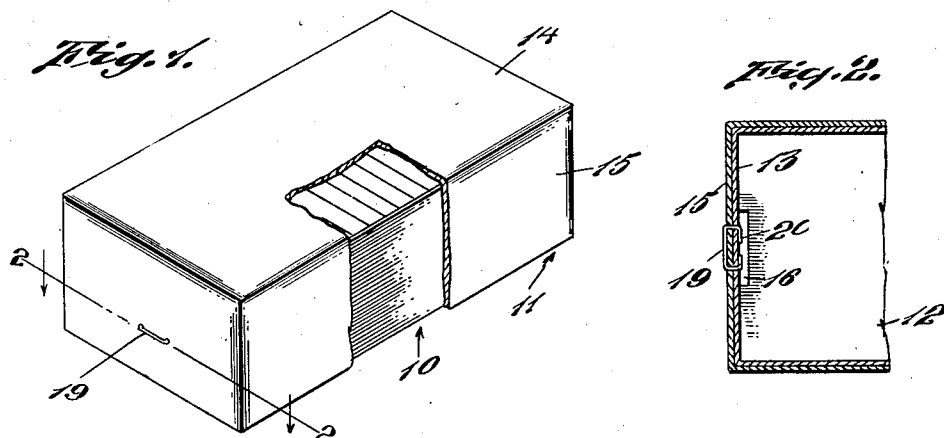
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PACKAGE

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PACKAGE

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2 Claims. (Cl. 229—47)

This invention relates to a sealing package of the type more particularly designed for mailing.

Mailing packages usually consist of a box for containing merchandise which is usually sealed and supplied with a label giving the postmaster authority to open the package for inspection. The packages are frequently sealed by gummed tape, or, where a telescoping box is used, by a sheet metal tab which is affixed to the edge of the body portion of the box and then passed through an opening in the cover and bent over. It is with particular reference to this latter type of box that this invention is related.

One of the objects of this invention is to provide a less expensive mailing box than the above usually-used boxes and yet obtain the advantages thereof.

Another object of the invention is to provide a box which may be sealed or the cover locked to the box more quickly than boxes heretofore provided.

Another object of the invention is to provide a box which may be more easily delivered to the shipper for filling without the necessity of the maker of the box bending or deflecting tabs or the like.

With these and other objects in view, the invention consists of certain novel features of construction, as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawing:

Fig. 1 is a perspective view of the box with a portion broken away and illustrating my new securing means;

Fig. 2 is a sectional view on substantially line 2—2 of Fig. 1;

Fig. 3 is a sectional view of the body portion of the box;

Fig. 4 is a sectional view of the body portion of the box covered with paper;

Fig. 5 is a sectional view through the body and cover sections of the box and illustrating a stapling machine ready for the insertion of a staple in position;

Fig. 6 is a perspective view of a fragmental portion of the box showing a modification of the invention;

Fig. 7 is a perspective view of a fragmental portion of the box showing a modified fastening;

Fig. 8 is a perspective view of a fragmental portion of the box showing a slit bottom;

Fig. 9 is a section on line 9—9 of Fig. 7; and

Fig. 10 is a view similar to Fig. 9 but showing a different fastener.

This invention in connection with a sealing

box proceeds upon the theory of providing a staple which may extend through overlapping walls of the box and upon obtaining access to the inside of the box for the clinching of the staple in position.

With reference to the drawing, 10 designates generally the body part of the box, and 11, the cover of the box. The body comprises a bottom wall 12 with upwardly extending side walls 13. The cover consists of a top wall 14 with downwardly extending side walls 15. The side walls 13 and 15 telescope one within the other, in the form of box shown in Figs. 1, 2, and 5 so as to overlap one another, as shown in Figs. 1, 2, and 5.

The bottom wall 12 of the body section is provided with an opening 16 located at some convenient point adjacent the side wall 13 so that the anvil portion 17 of a stapling device 18 may be inserted through such opening to extend along the inner surface of the inner side wall. Then, by suitable manipulation, a staple 19 may be inserted through the overlapping walls 13 and 15 and be clinched, or its legs bent inwardly as at 20, so as to lock the staple in position. Several staples in line with one another may be inserted in the walls of the box, as shown in Fig. 6, if desired, by causing the stapler to be inserted further through the opening or a lesser amount through the opening, as may be desired.

It will, of course, be apparent that the openings such as 16 might be located in either of the walls 14 or 12 which are at right angles to the side walls 13 and 15 or might be variously located about the peripheral edge of the box; or a slit 24 may be formed in the bottom wall, as shown in Fig. 8, and the portion 25 bent as shown in dotted lines for access of the anvil into the box.

I have described the simplest form of the invention where the top and side walls of the box are each of single ply cardboard. In some cases, however, the box will have a paper cover such as 21 shown in Fig. 4 which will extend over the wall 12 of the box up along the opposite side to be folded inwardly at the top as at 22 and there cemented. In instances of this character, the paper will cover the opening 16 where it occurs in the box and the paper would be punctured by pressing the anvil 17 through the paper at the location of the opening 16.

In other cases it will be readily apparent that the anvil 17 may be forced through the box at any location without any previous location being provided where the stock will permit of such rupture; and to assist in such rupture, the box might be previously slit with a knife, or the anvil

17 of the stapler may be reduced in dimension or sharpened at its end for this purpose.

In some cases it is desirable to use a different sort of fastener than the type of wire staple illustrated in Figs. 1, 2, 5, and 6; and I have shown an eyelet in Figs. 7 and 9 consisting of a tubular member 26 having its ends 27 and 28 deflected over the inner and outer surfaces of the telescoping walls of the box. In Fig. 10, there is a different alternative; here a split shank rivet 29 having a head 30 on the outer side of the box has its ends 31 spread over the inner surface of the box for holding together the telescoped cover and body sections.

In some cases it may be desirable to open the box by means of tearing the cover about the area where the holding means are located, and I have shown a perforated portion 32 in Fig. 6 in the cover of the box which will enable the stock to be torn along the line 32 so that the cover may be lifted from the box while leaving the staples in place.

I claim:

1. In a sealed box, a body section having bottom and side walls, a cover section having a top and side walls, the side walls of the cover section extending over the side walls of the other sec-

tion for the full length thereof, a staple passing through said walls adjacent the bottom for securing the sections together, an opening in the said bottom wall having a portion adjacent the side walls partially severed and movable to provide an opening to afford access from the outside of the box for engaging the inner surface of the overlapping side walls for clinching the staple in place, said portion being movable to close said opening after clinching said staple.

2. In a sealed box, a body section having a bottom and side walls, a cover section having a top and side walls, the side walls of one section extending over the side walls of the other section for substantially the full length thereof, one of said sections having one of the walls thereof adjacent each of said side walls provided with an opening adjacent each end of said box, and a relatively thin paper cover secured over said bottom and openings, said paper concealing said openings but adapted to be pierced by an anvil of a stapling device for insertion to the inner surface of the overlapping side walls for clinching in place a staple passed through the overlapping side walls.

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