

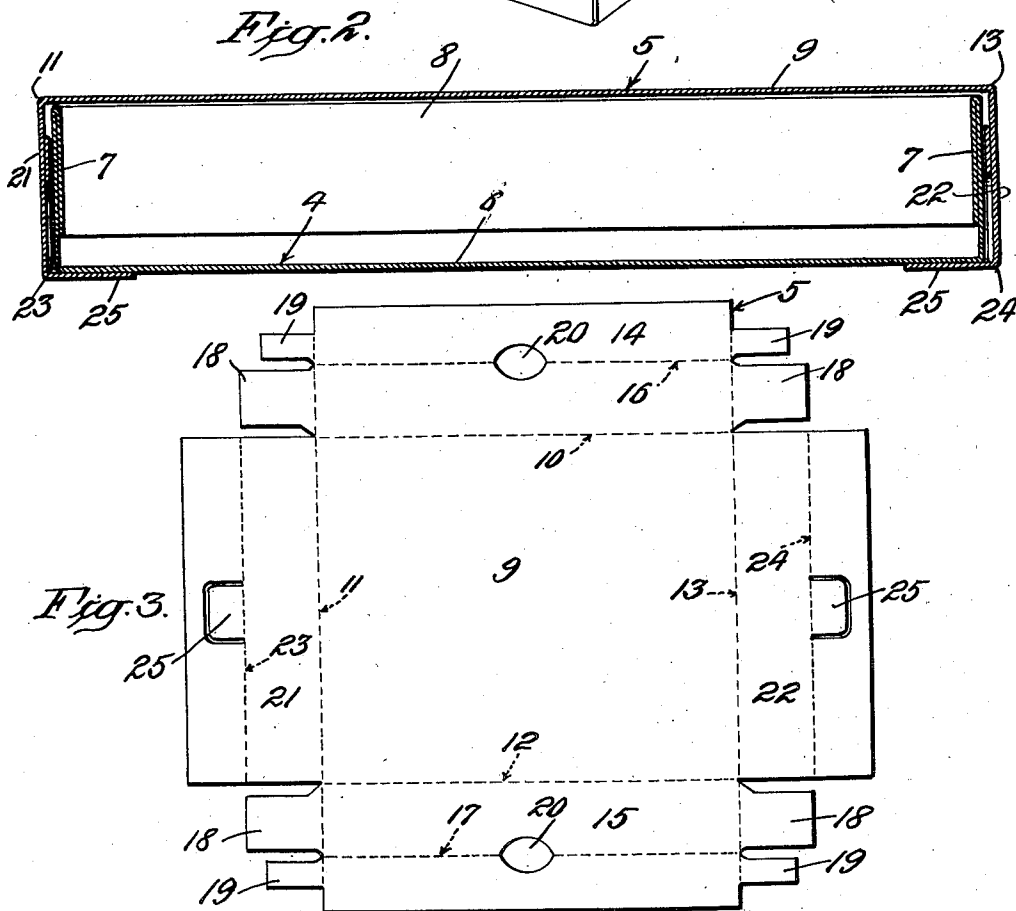
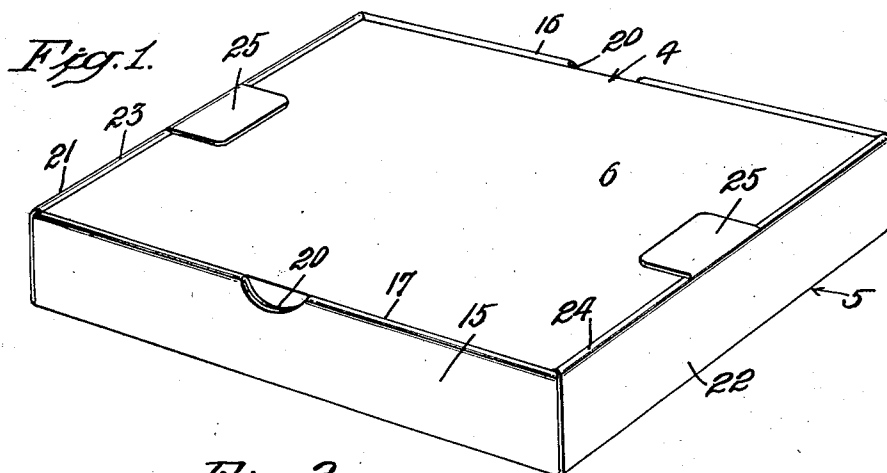
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F. H. MIX

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BOX

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INVENTOR
Frederick H. Mix
BY
English and Stoddell
ATTORNEYS

UNITED STATES PATENT OFFICE

FREDERICK H. MIX, OF BROOKLYN, NEW YORK, ASSIGNOR TO JOSEPH DIXON CRUCIBLE COMPANY, OF JERSEY CITY, NEW JERSEY, A CORPORATION OF NEW JERSEY

BOX

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This invention relates to an improvement in boxes or cartons and has for its object to provide an efficient and simple means for sealing the same. With boxes or cartons of the telescopic kind used for containing merchandise of reasonable weight, some means is generally used to hold the box body and cover together in their telescoped or closed position. In some instances a string is used for this purpose. In other cases, labels or stickers are adhesively attached to seal the cover on the box. These and other impractical and inefficient means have been utilized to secure the box cover in place.

Through the use of the invention herein set forth, such extra sealing instrumentalities are dispensed with and struck-out tab portions are provided on the box cover to form sealing members for holding the box and its cover together and for incidentally preventing access to the contents of the box without breaking these seals.

Another feature of the invention resides in the position of these tabs relative to the other box parts, so that while these tab portions are integrally formed from parts of the box cover, they are so located that the box cover is in no manner weakened by the formation of these tabs.

In the accompanying drawing, showing the preferred embodiment of the invention, Fig. 1 is a perspective view of a box or carton made in accordance with the invention, with the bottom of the box arranged uppermost to clearly show the sealing tabs; Fig. 2 is a sectional view taken longitudinally of the box; and Fig. 3 is a plan view of the blank from which the cover of the box is formed.

The box forming the subject matter of this invention is preferably of simple telescopic form and has a body or containing-chamber 4 and a cover member 5 which telescopes with or fits over the body. The box body 4 is preferably formed from a single card-board sheet or blank, and by folding the blank a conventional bottom 6, end walls 7 and side walls 8 are provided on the box body. Both the end walls and side walls are of double thickness for the purpose of adding rigidity and strength to the structure.

The cover member 5, to which the invention particularly relates, is formed from the single card-board sheet or blank shown in Fig. 3. This blank has a central portion 9 that forms the top of the cover, and which is bounded by the fold lines 10, 11, 12 and 13. The side walls for the cover are formed from the flaps 14 and 15 provided on the blank, each of these flaps being longitudinally folded twice to produce a wall of double thickness. Thus, the flap 14 is folded inwardly on the two fold lines 10 and 16 and the flap 15 is similarly folded inwardly on the two lines 12 and 17. The two layers of each side wall so produced may be adhesively secured together if desired. Cut-outs 20 provided in the flaps 14 and 15 enable the box body 4 to be easily engaged by the fingers and drawn out of the cover 5.

At 21 and 22 are shown two flaps which when folded inwardly form the end walls of the cover. These consist of integrally formed parts provided on the ends of the blank shown in Fig. 3. The flap 21 is folded on the lines 11 and 23, while the flap 22 is similarly folded on the lines 13 and 24. Supplemental flaps 18 and 19 provided at the ends of the flaps 14 and 15 are tucked between the layers of the end walls to hold the cover wall structure together at its four corners.

Each of the flaps 21 and 22 is provided with a struck-out tab 25, which when the body of the box is located within the cover, overlies the outer face of the bottom of the box as disclosed in Fig. 1. The face of each of the tabs 25 in contact with the bottom of the box is adhesively secured to the bottom, and the box is thus effectively sealed with the two telescoped parts of the box securely held together. It will be seen that the base of each of the tabs is located on one of the fold lines of the flap from which it is struck, and that each of said tabs is struck out from the body of a cover end wall and is wholly surrounded by the material thereof so that the formation of said tabs does not break materially, or substantially interrupt, the continuity of said end walls or either of the layers thereof. Thus, the double-layer

strength of each of the end walls is not affected to any great extent by the formation of the tabs, and a rigid and sturdy box structure results.

When the box is in its sealed condition as shown in Fig. 1, it will be seen that access to the contents of the box is impossible without destroying the adhesive connection between the flaps 25 and the bottom of the box. Thus, any unauthorized opening of the box or removal of a part of the contents thereof may be instantly detected by an examination of the sealing flaps 25. Moreover, by the use of sealing tabs at the front and rear ends of the cover in cooperation with the lower surface of the box, the cover is caused to fit over the box more snugly and so present an improved appearance.

What I claim is:—

1. A box having a body portion and a cover portion telescoped thereon, said cover being formed from a blank having side and end flaps, each flap being foldable on a line at the edge of the blank and on a line spaced from the blank to provide side and end walls of double thickness throughout their lengths, the side flaps having cut-out notches on the fold lines spaced from the edge of the blank forming finger grips on the body portion of the box and the end flaps having relatively small tabs cut out therefrom inwardly of the outer edges of the flaps without destroying the continuity of the outer section of the end flaps forming the double walls, said tabs being bendable on the fold lines spaced from the edge of the blank to underlie the bottom of the body portion and be adhesively secured thereto.

2. A box having a body portion and a cover portion telescoped thereon, said cover being formed from a blank having side and end flaps, each flap being foldable on a line at the edge of the blank and on a line spaced from the blank to provide walls of double thickness, the outer section of each end flap having a relatively small tab cut out therefrom in spaced relation to the free edge of the flap and intermediate the ends of the flap without destroying the continuity of the end flap sections and double walls and said tabs being bendable upon the fold lines spaced from the edge of the blank to underlie the bottom of the body portion and be adhesively secured thereto.

FREDERICK H. MIX.