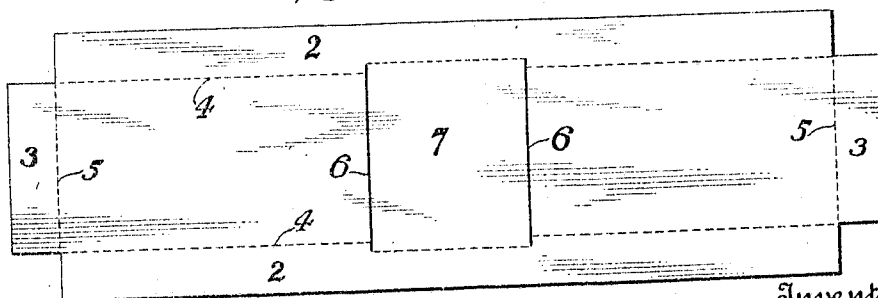
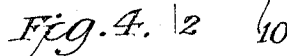
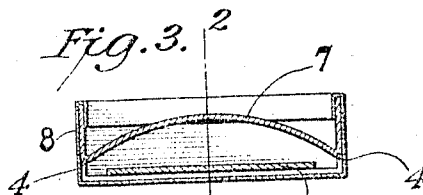
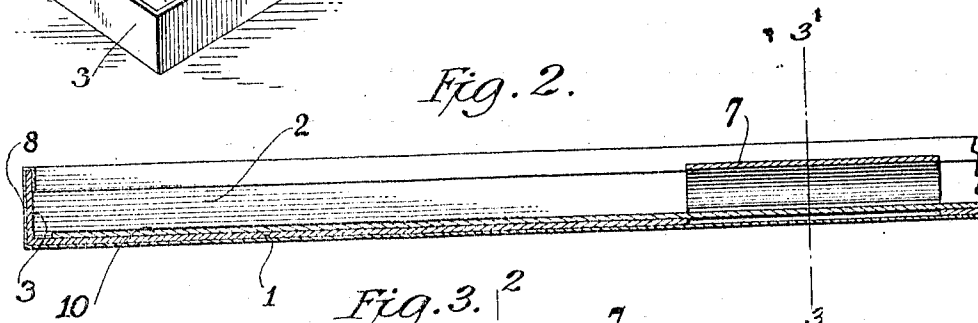
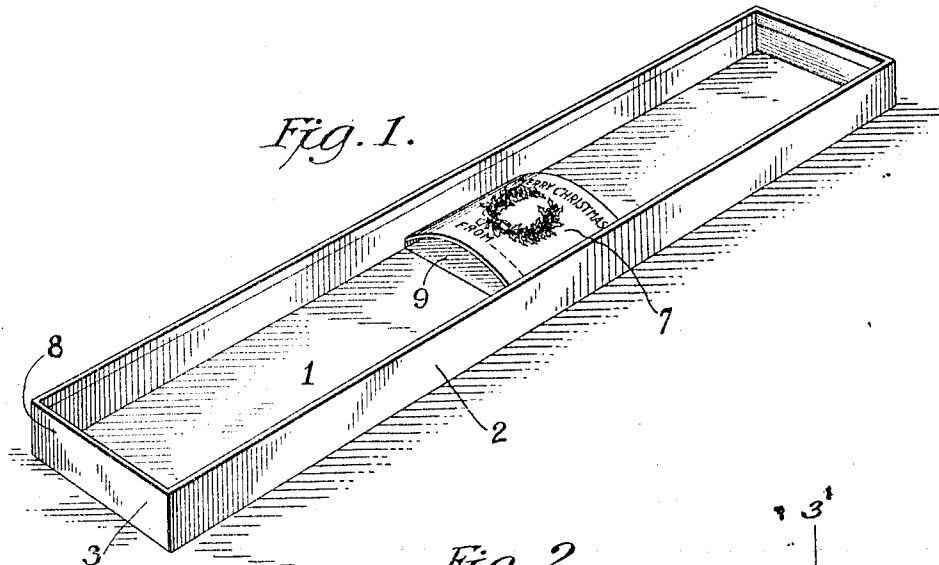


A. H. CRANKSHAW.
 DISPLAY BOX.
 APPLICATION FILED NOV. 25, 1912.

1,053,711.

Patented Feb. 18, 1913.



Witnesses:
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UNITED STATES PATENT OFFICE.

ALFRED H. CRANKSHAW, OF LYNDHURST, NEW JERSEY, ASSIGNOR TO H. BRIDGMAN SMITH COMPANY, OF BROOKLYN, NEW YORK, A CORPORATION OF NEW YORK.

DISPLAY-BOX.

1,053,711.

Specification of Letters Patent.

Patented Feb. 18, 1913.

Application filed November 25, 1912. Serial No. 733,405.

To all whom it may concern:

Be it known that I, ALFRED H. CRANKSHAW, a citizen of the United States, residing at Lyndhurst, in the county of Bergen and State of New Jersey, have invented new and useful Improvements in Display-Boxes, of which the following is a specification.

My present invention relates to paper or card-board display boxes for articles of merchandise, and to an improved blank from which the boxes may be made.

In selling certain articles of merchandise, as for instance, neckties of the so-called four-in-hand variety, as well as other varieties, it is customary, especially during the "holiday" season, to place these articles in individual boxes so that they will make a better appearance and in order that the articles may be maintained in the best possible condition.

The object of the present invention is to provide an extremely simple and inexpensive display box of the character described in which provision is made for retaining the article within and against accidental displacement from the box, but which will enable the article to be readily placed within the box or removed therefrom without breaking or removing the retaining means.

Briefly and generally stated the invention comprises a display box having an article retaining strap therein, said strap being cut out of the material forming the bottom wall of the box and when in its article-receiving position, the strap is elevated above the plane of the box bottom.

In the illustrated embodiment of the invention, I have shown a box especially designed to receive a four-in-hand necktie; but this showing is only illustrative and not employed in a restrictive sense, it being perfectly apparent that the invention may be applied to boxes of other shapes or designs and for receiving and retaining other articles of merchandise.

In order to enable others skilled in the art to make and use my said invention, I will now proceed to describe the same in detail, reference being made for this purpose to the accompanying drawing wherein:—

Figure 1 is a perspective view of a box made according to the invention. Fig. 2 is a vertical longitudinal central section of the same. Fig. 3 is a transverse vertical section

taken through the article retaining strap. Fig. 4, is a bottom plan view of the blank from which the box is formed.

Referring to the drawing, and more particularly to Fig. 4 thereof, which represents a bottom plan view of a cardboard or other blank from which the box with its article retaining strap is formed, the reference numeral 1 designates the body portion of the blank, which body portion constitutes the bottom of the box when the blank is folded up in box form. The said body portion is provided on opposite sides with integrally formed side wings 2 and at its opposite ends with integrally formed end wings 3, the said side and end wings constituting respectively the side and end walls of the finished box. In order to facilitate the formation of the box from the blank shown, said blank is scored or creased longitudinally along the lines 4 and transversely along the lines 5.

In order to form, as an integral part of the box, a retaining strap for holding articles of merchandise within the box, I cut or incise the blank transversely along the parallel lines 6, 6, said cuts or incisions extending for a short distance into the side wings 2 to provide the retaining strap 7, the length of which is slightly greater than the width of the box. I prefer to provide lines of scoring or creases in the side wings 2 joining the ends of the parallel cuts or incisions 6 in order to facilitate upward bending of the retaining strap.

Having provided the blank as just described, the side and end wings are folded up at right angles to the body portion of the blank to form the box as illustrated in Fig. 1, the said side and end wings being retained in box form by staying the corners or by means of a covering blank 8. When the side wings 2 of the blank are folded up to provide the two side walls of the box, this folding operation will cause the retaining strap 7 to bulge or lift upward and assume a position above the plane of the bottom of the box, as clearly shown in Figs. 1, 2 and 3, of the drawing, this being due to the fact that the retaining strap is longer than the width of the finished box, and inasmuch as the opposite ends of the strap are joined integrally with the side walls of the box along lines slightly above the plane of the bottom of the box, the said

strap will be maintained in elevated position to receive the article to be retained within the box. Inasmuch as the retaining strap is formed as an integral part of the blank from which the box is formed, (the strap being cut from the material constituting the bottom and parts of the side walls of the box), when the strap is elevated or bulged upwardly, as herein shown and described, an opening 9 will be left in the bottom of the box, said opening constituting the space formerly occupied by the strap. In order to close this opening, I prefer to cover the exterior walls of the box with a suitable covering blank as 8 said blank extending over the opening 9, and the marginal edges of the covering blank being turned over the upper edges of the box and affixed to the inner walls thereof, in the usual way. If desired, and in order to lend additional strength to that part of the bottom of the box having the opening 9, and to avoid accidental rupture of the covering blank where it overlies the said opening 9, I prefer to provide the box with a false bottom consisting of a loose strip of cardboard 10, said strip lying flat upon the bottom wall of the box and extending under the strap 7 and overlying the opening 9. As these boxes are especially adapted for holding gift articles for the "holiday" season, I contemplate utilizing the face of the retaining strap 7 as the card of the donor of the gift, and to this end I propose to print or delineate upon the face of the strap a suitable greeting or expression appropriate to the occasion, as well as a suitable design appropriate to the season, leaving a space in which may be written the name of the donor.

It will be seen from the foregoing that the article retaining strap is formed as an integral part of the box blank, the strap being cut from the material of the blank and the boxes, are, therefore, extremely simple in construction and cheap to manufacture.

Obviously the boxes may be of any size or shape and it is also obvious that the retaining strap may be of any width and more than one strap may be employed if desired.

What I claim is:—

1. A display box having an article retaining strap therein, said strap being cut from and formed integral with the material of the box and elevated from end to end above the plane of the bottom of the box.

2. A display box having an article retaining strap therein, said strap being cut out of the bottom wall of the box and elevated throughout its length above the plane

of said wall, and having its ends joined integrally with opposite side walls of the box.

3. A display box having an integrally formed article retaining strap therein, said strap being cut out of the bottom and two opposite side walls of the box and having its end and intermediate portions elevated above the plane of the bottom of the box.

4. A display box having an integrally formed article retaining strap therein, said strap being cut out of the bottom wall of the box and elevated upon the plane thereof leaving an opening in said wall, and a covering for the box walls extending over and closing said opening.

5. A display box having an integrally formed article retaining strap therein, said strap being cut out of the bottom and two opposed side walls of the box and elevated above the plane of the bottom leaving an opening in said walls, and a covering extending over the exterior walls of the box and closing said opening.

6. A display box having an integrally formed article-retaining strap therein, said box and strap being formed from a single blank comprising a body portion having integral side and end wings, and said body portion having parallel incisions extending entirely across the same, the material between said incisions being elevated above the plane of the body portion and constituting the retaining strap.

7. A display box having an integrally formed article retaining strap therein, said box and strap being formed from a single blank comprising a body portion having integral side and end wings, and parallel incisions extending entirely across the body portion and into the said side wings, the material of the blank between said incisions being elevated above the plane of the body portion and constituting the retaining strap.

8. A display box having an integrally formed article retaining strap therein, said strap being cut out of the bottom and two opposite side walls of the box and elevated above the plane of the body portion leaving an opening in said walls, a covering extending over the exterior walls of the box, and closing said opening, and an insertible and removable strip within the box overlying the said opening.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ALFRED H. CRANKSHAW.

Witnesses:

E. A. MARSCHALK,
W. L. MIX.