Nov. 12, 1935. H. E. JACKA 2,020,609

DISPLAY APPARATUS

Filed Jan. 21, 1935

Fig. 1.

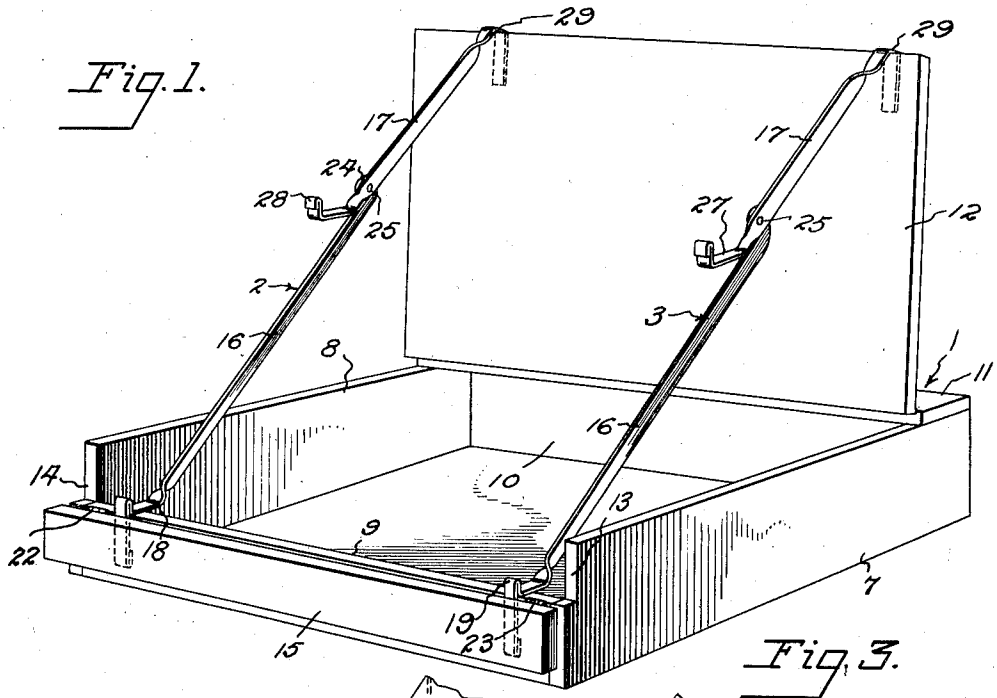


Fig. 3.

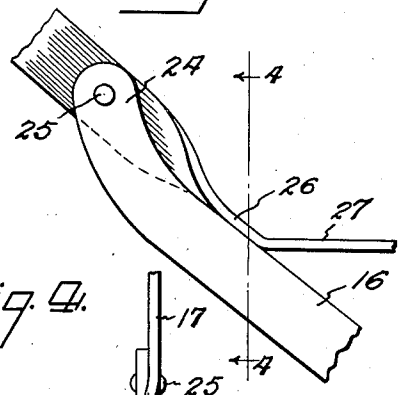


Fig. 2.

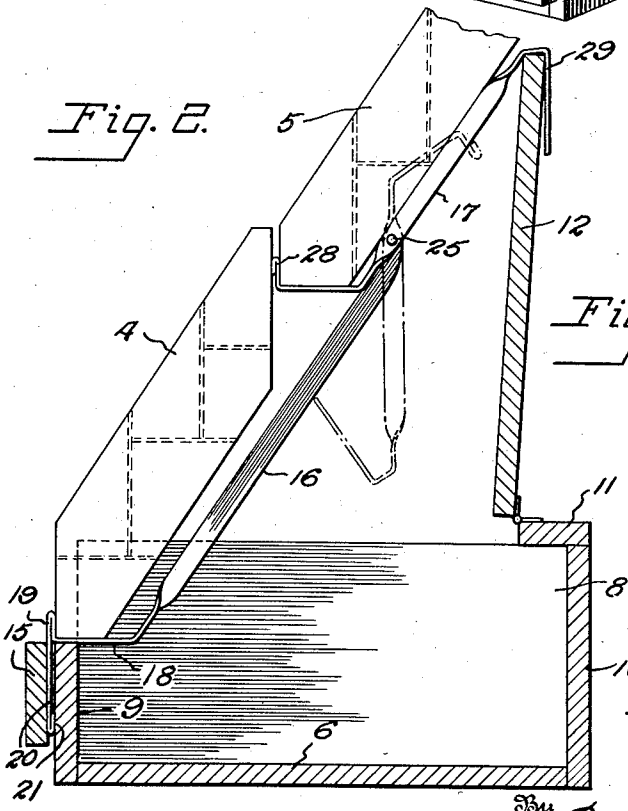
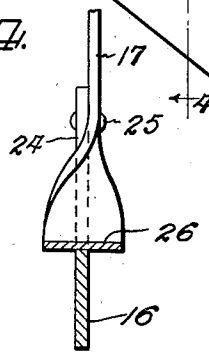


Fig. 4.



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DISPLAY APPARATUS

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Application January 21, 1935, Serial No. 2,780

4 Claims. (Cl. 206—44)

This invention relates to display apparatus in general; and more particularly, to apparatus including a case combined with folding brackets or supports adapted for use with the case in forming folding tray supports for conveniently displaying articles, such as packages of seeds and the like.

The main object of the invention is to provide apparatus of the character described in which the supports for the display trays can be folded and packed in the case along with the trays and articles designed for display thereon.

Other objects of the invention will become apparent as the detailed description thereof proceeds.

In the drawing:

Figure 1 is a perspective view of the apparatus with the display trays removed;

Figure 2 is a fragmentary central vertical section through the apparatus with two trays shown in display position thereon;

Figure 3 is a fragmentary detail to an enlarged scale, illustrating a supporting bracket forming part of said invention; and

Figure 4 is a transverse section taken on the line 4—4 of Figure 3.

As shown in the drawing, the invention comprises a box or case designated generally by the reference numeral 1, and a pair of folding brackets designated generally by the reference numerals 2 and 3, and adapted when positioned as shown in Figure 1 to support display trays 4 and 5.

The box 1 comprises a bottom 6 suitably secured to the side walls 7 and 8, front wall 9 and rear wall 10. A top plate 11 is suitably secured to the upper edge of the rear wall 10 and to the upper edges of walls 7 and 8 and a lid 12 is suitably hinged to the plate 11.

The front wall 9 is narrower than the rear wall 10; and the side walls 7 and 8 are cut to provide recesses 13 and 14 adapted to receive a flap 15 which is hinged to the upper edge of wall 9. The combined widths of the wall 9 and flap 15 are equal to the width of rear wall 10, so that the free edge of flap 15 will be flush with the upper edges of the walls 7 and 8, when the flap is rotated to seat in said recesses 13 and 14.

The brackets 2 and 3 are identical. Therefore it is only necessary to describe one of them in detail. Each bracket comprises the wrought iron straps 16 and 17, pivotally connected to each other to form with the case 1 an inclined supporting frame for the display trays 4 and 5. The lower part of the trap 16 is twisted and bent to form a substantially horizontal supporting plate 18 adapted to rest on the upper edge of front wall 9, when in operative position.

The plate 18 is bent to form an upwardly extending stop member 19 and a downwardly extending arm 20 having a bend 21 at its lower end. The hinges 22 and 23 support the flap 15, when in open position at a distance from the front face of wall 9 sufficient to receive the arm 20 snugly.

The upper end of strap 16 is shaped to provide a lateral extension 24 which is pivoted by means of a rivet 25, or other suitable pivot connection, to the strap 17 near the lower end thereof. The lower part of the strap 17 is twisted to form stop plate 26 at right angles to the plane of the main body of strap 17. This plate 26 extends across the upper edge of strap 16, to prevent buckling of the straps 16 and 17 when these are arranged in tray supporting position.

The strap 17 is further shaped to provide a substantially horizontal tray supporting member 27, which at its outer end is bent upwardly to form a stop lug 28. The upper end of strap 17 is twisted and bent to form a hook 29 adapted to hook over the free edge of the lid or cover 12.

As will be apparent from the drawing the plate 18 and stop member 19 form a support for the lower end of the tray 4; and the bend 28 at the lower end of the strap 17 forms a support for the upper end of said tray. The plate 27 and bend 26 form a support for the low end of the upper tray 5, which is supported throughout its length by the upper edge of the strap 17.

The trays are mainly intended for holding and displaying packages of seeds; although, obviously, they may be used for other purposes. The trays and strap brackets are intended to be proportioned so that they can be readily stored within the case 1 for shipping purpose; and so that these parts can be very readily assembled when desired for purposes of display.

What I claim is:

1. In display apparatus, a shipping case having side and rear walls of equal width and a front wall of less width than said walls, a flap hinged to the front wall, the combined widths of said front wall and flap being equal to the width of said side and rear walls, a cover hinged to the top of said case, and a pair of tray supporting braces supported at their lower ends by the top edge of said front wall and at their upper ends by the free edge of said cover when in open position, the lower ends of said braces having down turned portions arranged between the said front wall and said flap, and the upper ends hooked

over the free edge of said cover to brace the several parts in tray supporting position.

2. In display apparatus, a shipping case having side and rear walls of equal width and a front wall of less width than said walls, a flap hinged to the front wall, the combined widths of said front wall and flap being equal to the width of said side and rear walls, a cover hinged to the top of said case, and a pair of tray supporting braces supported at their lower ends by the top edge of said front wall and at their upper ends by the free edge of said cover when in open position, the lower ends of said braces having down turned portions arranged between the said front wall and said flap, and the upper ends hooked over the free edge of said cover to brace the several parts in tray supporting position, each of said braces being foldable and comprising straps pivoted to each other and provided with means adjacent their pivotal connection to prevent collapse of the braces when in tray supporting position.

3. In display apparatus, a shipping case having side and rear walls of equal width and a front wall of less width than said walls, a flap hinged to the front wall, the combined widths of said front wall and flap being equal to the width of said side and rear walls, a cover hinged to the top of said case, and a pair of tray supporting braces supported at their lower ends by the top edge of said front wall and at their upper ends by the free edge of said cover when in open position, the lower ends of said braces having down turned portions arranged between the said front wall and said flap, and the upper ends hooked over the free edge of said cover to brace the several parts in tray supporting position, each of said braces being foldable and comprising straps pivoted to each other and provided with means adjacent their pivotal connection to prevent collapse of the braces when in tray supporting position, the lower ends of each of said straps being shaped to provide substantially horizontal supports for display trays.

4. In display apparatus, a shipping case having side and rear walls of equal width and a front wall of less width than said walls, a flap hinged to the front wall, the combined widths of said front wall and flap being equal to the width of said side and rear walls, a cover hinged to the top of said case, and a pair of tray supporting braces supported at their lower ends by the top edge of said front wall and at their upper ends by the free edge of said cover when in open position, the lower ends of said braces having down turned portions arranged between the said front wall and said flap, and the upper ends hooked over the free edge of said cover to brace the several parts in tray supporting position, each of said braces being foldable and comprising straps pivoted to each other and provided with means adjacent their pivotal connection to prevent collapse of the braces when in tray supporting position, the lower ends of each of said straps being shaped to provide substantially horizontal supports for display trays, and substantially vertical stops at the outer ends of said horizontal supports to prevent sliding movement of trays resting on said horizontal supports.

HAROLD E. JACKA.