April 28, 1953 J. WILLIAMS 2,636,631

DISPLAY CONTAINER

Filed Jan. 9, 1948 2 SHEETS—SHEET 1

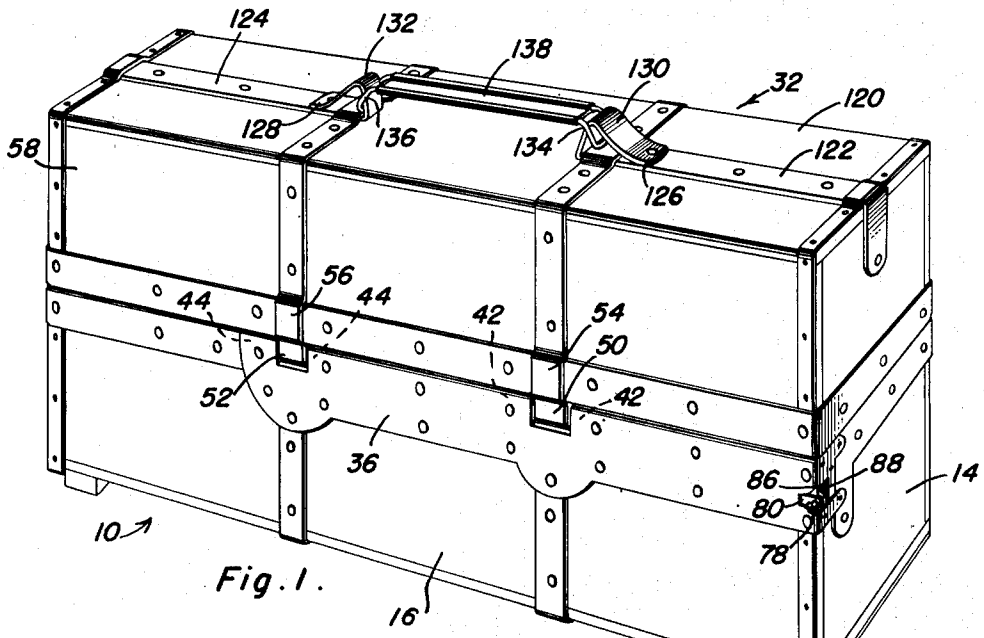


Fig. 1.

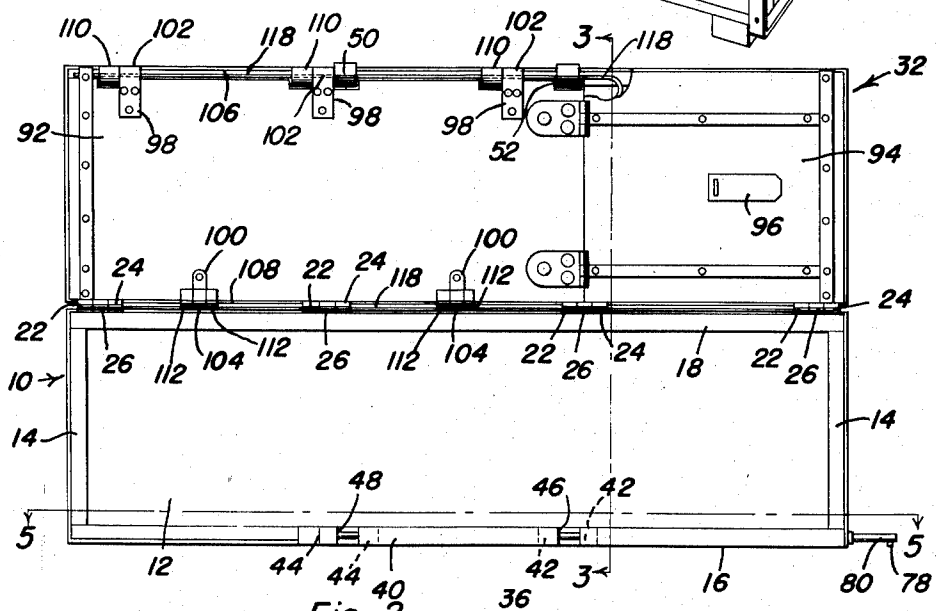


Fig. 2.

John Williams

INVENTOR.

BY Clarence A. O'Brien and Harvey B. Jacobson

Attorneys

April 28, 1953 J. WILLIAMS 2,636,631

DISPLAY CONTAINER

Filed Jan. 9, 1948 2 SHEETS—SHEET 2

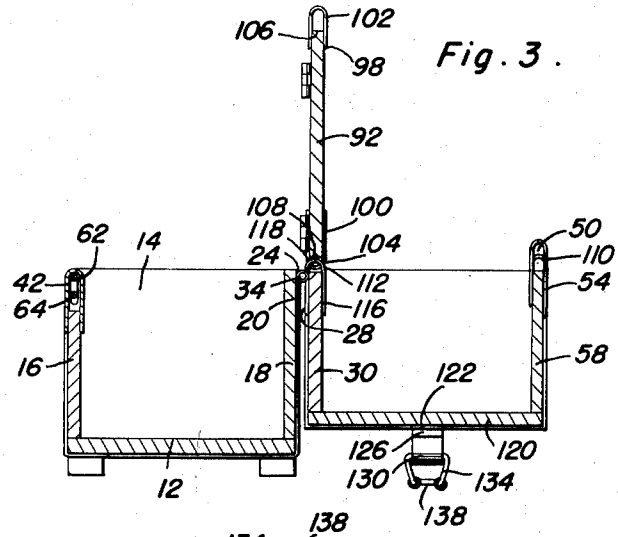


Fig. 3.

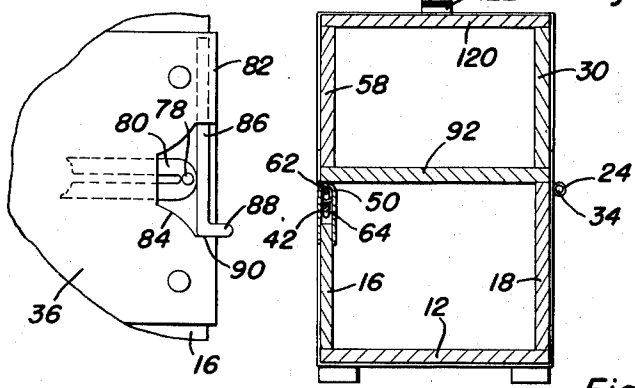


Fig. 6.

Fig. 4.

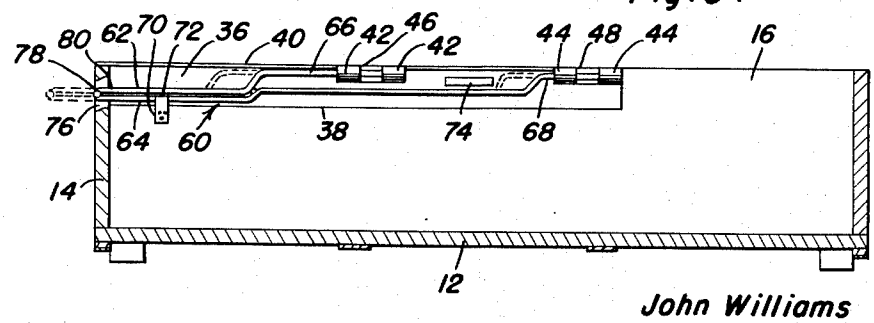


Fig. 5.

John Williams

INVENTOR.

BY Clarence A. O'Brien and Harvey B. Jacobson

Attorneys

Patented Apr. 28, 1953

2,636,631

UNITED STATES PATENT OFFICE

2,636,631

DISPLAY CONTAINER

John Williams, St. Petersburg, Fla.

Application January 9, 1948, Serial No. 1,334

4 Claims. (Cl. 217—9)

1

This invention relates to new and useful improvements in article carrying containers and the primary object of the present invention is provide a novel and improved chest for carrying articles for counter display.

Another important object of the present invention is to provide a counter display chest including an upper and lower half hinged to each other for opening thereof and embodying novel and improved means for locking said halves in a closed position.

Another object of the present invention is to provide a pair of hinged trunk sections having opposed open ends and including novel and improved means for dividing the upper half into a closed compartment.

A further object of the present invention is to provide a counter display chest all parts of which are quickly and readily disassembled facilitating the convenient transporting of the same.

A still further aim of the present invention is to provide a counter display trunk that is simple and practical in construction, strong and reliable in use, small and compact in structure, neat and attractive in appearance, relatively inexpensive to manufacture, and otherwise well adapted for the purposes for which the same is intended.

Other objects reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a perspective view of the present counter display chest;

Figure 2 is a top plan view showing the present chest in an open position and the hinged partition in a locked position;

Figure 3 is a transverse vertical sectional view taken substantially on the plane of section line 3—3 of Figure 2, and showing the hinged partition in an unlocked and raised position;

Figure 4 is a similar view of Figure 3, and showing the upper half in a closed and locked position relative to the lower half;

Figure 5 is a longitudinal vertical sectional view taken substantially on the plane of section line 5—5 of Figure 2; and,

Figure 6 is an enlarged fragmentary front elevational view of the lower half and showing the manner in which the latch bar is applied to the lower half.

Referring now to the drawings in detail, wherein for the purpose of illustration, there is disclosed a preferred embodiment of the present invention, the numeral 10 represents the lower half of the present compartment or counter display chest generally, comprising a substantially rectangular bottom 12, a pair of spaced parallel end walls 14, a forward wall 16 and a rear wall 18.

2

Fixedly secured to the outer face of the rear wall 18 is a plurality of longitudinally spaced lower anchor plates 20 each of which is provided with spaced pairs of bearing sleeves 22 and 24 which project upwardly from the upper longitudinal edge of the rear wall 18. Frictionally positioned between the sleeves 22 and 24 of each of the plates 20, are further sleeves 26 formed at one of the ends of a plurality of lower anchor plates 28 that are secured to the outer face of the rear wall 30 of the upper half of the present invention which is designated generally by the numeral 32. These sleeves 22, 24 and 26 are removably connected by removable pivot pins 34 which facilitate the pivoted or hinged movement of the upper half 32 relative to the lower half 10, and which may be retracted from the sleeves 22, 24 and 26 permitting the upper and lower halves to be disengaged or disassembled in a convenient manner.

Rigidly secured to the outer face of the forward wall 16, is a longitudinal base plate 36 that opposes a longitudinal guide groove or notch 38 provided in the upper edge of the forward wall 16. Integrally formed with the upper arcuate edge 40 of the plate 36, that is coplanar with the upper edge of the forward wall 16, are spaced pairs of guide and locking sleeves 42 and 44 having notches 46 and 48 therebetween that frictionally engage the outwardly projecting web portions 50 and 52 of a pair of substantially U-shaped locking plates 54 and 56 that are fixedly secured to the forward wall 58 of the upper half 32.

Slidably mounted in the guide notch 38, is a locking latch designated generally by the numeral 60 and which includes a pair of spaced parallel arms 62 and 64 which terminate in a rear offset locking bar 66 that slidably engages the pair of sleeves 42, and a forward offset locking bar 68 that slidably engages the pair of sleeves 44. Fixed to the inner face of the forward wall 16 is a substantially rectangular strip 70 having an arcuate end portion 72 that frictionally engages the arm 64 to guide the longitudinal movement of the said locking latch 60'' relative to the forward wall 16. Rigidly secured to the inner face of the forward wall 16 is a suitable stop 74 that limits the outward movement of the locking latch 60 through an opening 76 in one of the end walls 14. A finger engaging lug 78 is

rigidly secured to the joined ends 80 of the arms 62 and 64 facilitating the sliding movement of the locking latch 60. Slidably mounted in a vertical sleeve 82 at one end of the plate 36 adjacent an opening 84 in the plate 36 is a retaining bar 86 having an angulated end portion 88 which normally frictionally engages a shoulder 90 to prevent outward movement of the locking latch 60.

The numeral 92 represents a substantially rectangular panel having a hinged door 94 that is provided with a finger receiving tab 96. Fixed to the panel 92 is a plurality of substantially U-shaped straps 98 and 100 having looped portions 102 and 104 that project outwardly from the longitudinal edges 106 and 108 of the panel 92 and which oppose the looped portions 110 and 112 of further U-shaped straps 114 and 116 that project outwardly from the longitudinal edges of the forward wall 58 and rear wall 30 of the upper half 32. These looped portions 102 and 110, and the looped portions 104 and 112 are connected by removable pins 118 which also facilitate the pivotal movement of the panel 92 relative to the lower half 10 or the upper half 32, or the disengagement of the panel 92 from the upper half 32.

Rigidly secured to the outer face of the upper wall 120 for the upper half 32, is a pair of longitudinal strips 122 and 124 having their inner ends 126 and 128 folded inwardly upon themselves and fixed thereto, to provide opposed loops 130 and 132 that loosely engage U-shaped attaching elements 134 and 136 at the ends of a substantially rectangular hand grip and supporting plate 138.

It should be noted, that the upper half 32 is of a reduced depth that the lower half 10, however, when the upper half is pivoted to an open position as shown in Figure 3, with the bottom wall 12 bearing upon a supporting surface, the supporting plate 138 will support the upper half 32 so that the open end of the lower half is coplanar with the open end of the upper half.

In view of the foregoing description taken in conjunction with the accompanying drawings it is believed that a clear understanding of the construction, operation and advantages of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and the scope of the appended claims.

Having described the invention, what is claimed as new is:

1. A counter display comprising a substantially rectangular body including upper and lower juxtapositioned halves each having a pair of end walls, a forward wall and a rear wall joining said end walls, hinge means connecting the rear walls of said halves together and permitting the upper half to be swung over the lower half, the forward wall of said lower half including an upper edge, a first plurality of sleeves supported on the upper edge of the forward wall of said lower half, said sleeves being aligned with each other, the forward wall of said upper half including a lower edge overlying the edge of the forward wall of said lower half when the upper half is disposed over the lower half, a second plurality of sleeves supported on the said lower edge of said upper half, said sleeves of said second plurality of sleeves being aligned with each other and with the sleeves of said first plurality of sleeves when the upper half is swung over the lower half, the forward wall of said lower half having an elongated recess in its upper face and at its upper portion that extends to the upper edge of the forward wall of said lower half, one end wall of said lower half having an opening therein in communication with said recess, an elongated horizontally disposed locking member slidably received in the recess and the opening and paralleling the upper edge of the forward wall of said lower half, said locking member including first and second elongated rods, a finger carried by and upwardly offset from each rod, said fingers aligning said sleeves on said lower half and extending through the sleeves on both halves when the locking member is manually slid into the lower half after the upper half is swung over the lower half, and means supported by said one end wall of said lower half engaging the locking member and holding the locking member against sliding movement when the fingers are received in said sleeves.

2. A counter display comprising a substantially rectangular body including upper and lower juxtapositioned halves each having a pair of end walls, a forward wall and a rear wall joining said end walls, hinge means connecting the rear walls of said halves together and permitting the upper half to be swung over the lower half, the forward wall of said lower half including a upper edge, a first plurality of sleeves supported on the upper edge of the forward wall of said lower half, said sleeves being aligned with each other, the forward wall of said upper half including a lower edge overlying the edge of the forward wall of said lower half when the upper half is disposed over the lower half, a second plurality of sleeves supported on the said lower edge of said upper half, said sleeves of said second plurality of sleeves being aligned with each other and with the sleeves of said first plurality of sleeves when the upper half is swung over the lower half, the forward wall of said lower half having an elongated recess in its upper face and at its upper portion that extends to the upper edge of the forward wall of said lower half, one end wall of said lower half having an opening therein in communication with said recess, an elongated horizontally disposed locking member slidably received in the recess and the opening and paralleling the upper edge of the forward wall of said lower half, said locking member including first and second elongated rods, a finger carried by and upwardly offset from each rod, said fingers aligning said sleeves on said lower half and extending through the sleeves on both halves when the locking member is manually slid into the lower half after the upper half is swung over the lower half, said locking member including an end manually movable outwardly through said opening, means carried by the forward wall of said lower half within said recess slidably supporting the locking member, a vertical guide supported by said one end wall of said lower half and opposing said opening, and a bar slidably carried by said guide and engaging said end of said locking member to retain the locking member in the container and the fingers engaged in the sleeves on both halves.

3. The combination of claim 1 and a closure member hinged to the rear wall of said upper half and swingable toward and away from the forward wall of said upper half, further sleeves mounted on said closure member aligned with

the sleeves on said upper half and the sleeves on the lower half when the upper half is disposed over the lower half and sleeves on said closure member also receiving said fingers when the locking member is moved into the container after the upper half is swung over the lower half.

4. A container including a hollow substantially rectangular body including upper and lower halves each including a forward wall, a rear wall and a pair of end walls joined by said forward and rear walls, said rear wall of said upper half being hinged to the rear wall of said lower half to permit the upper half to be swung over the lower half, the forward walls of said halves being flush when the halves are disposed one above the other, sleeves carried by the forward wall of the upper half and being aligned with each other, additional sleeves carried by the forward wall of the lower half and aligned with each other and also aligned with the sleeves on the upper half when the halves are disposed one above the other, said forward wall of said lower half having a recess in its inner face communicating with said sleeves on said lower half, one end wall of said lower half having an opening in registry with said recess, an elongated locking member slidably received in said recess and having a finger portion aligned with said sleeves of said lower half, said locking member also including an end portion manually movable outwardly through said opening, the end portion of said locking member being moved into the lower

half to position said finger portion in the sleeves of said lower and upper halves when the halves are disposed one above the other, and a retaining rod slidably carried by said one end wall of said lower half and movable into and out of said opening and across the said end portion of said locking member to block movement of said locking member from said lower half after the finger portion is engaged in the sleeves of said upper and lower halves.

JOHN WILLIAMS.

References Cited in the file of this patent

UNITED STATES PATENTS

Number	Name	Date
58,548	Kast	Oct. 2, 1866
298,146	Wilson	May 6, 1884
513,044	Handlan, Jr.	Jan. 16, 1894
1,336,895	Driver et al.	Apr. 13, 1920
1,374,732	Hamilton	Apr. 12, 1921
1,527,572	Olson	Feb. 24, 1925
1,533,494	Billburg	Apr. 14, 1925
1,631,780	Zeitung	June 7, 1927
1,709,140	McAtree	Apr. 16, 1929
1,800,186	Shriver	Apr. 7, 1931
2,185,149	Hallbauer	Dec. 26, 1939
2,295,221	King	Sept. 8, 1942

FOREIGN PATENTS

Number	Country	Date
342,709	Great Britain	Jan. 26, 1931