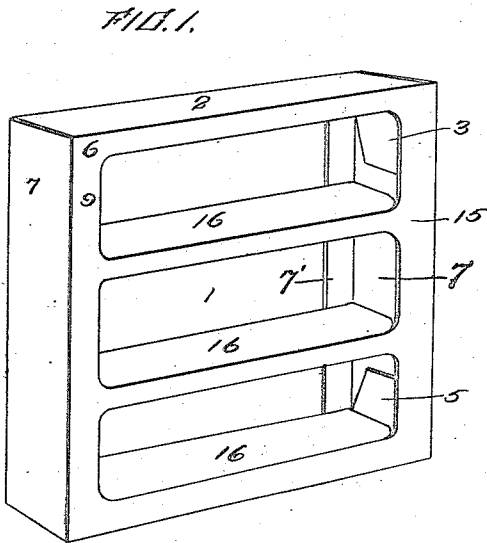
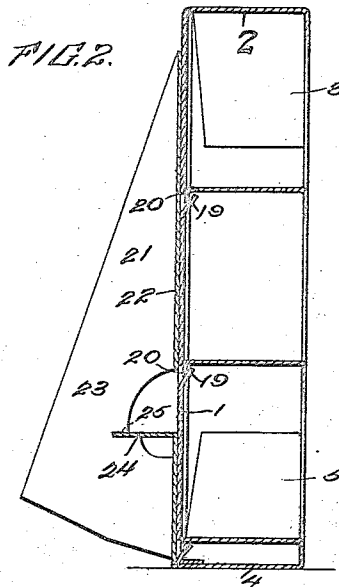
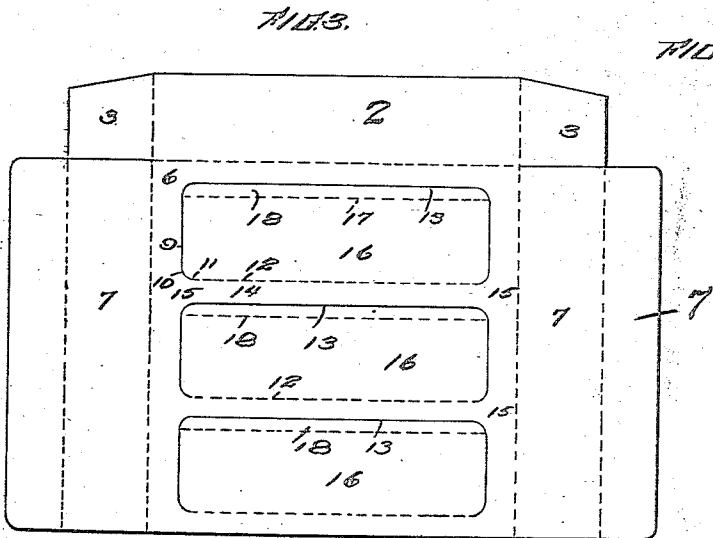
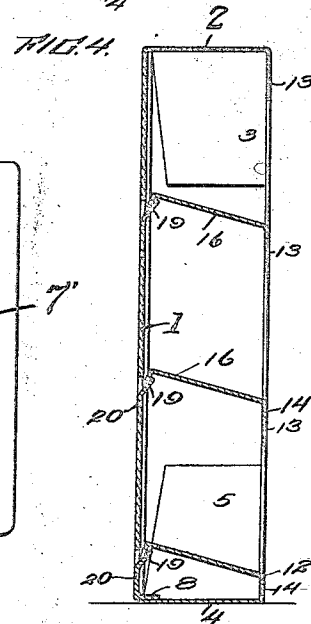
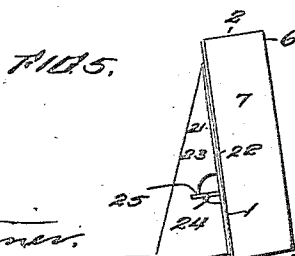


H. A. SACKETT.
 DISPLAY STAND.
 APPLICATION FILED MAR. 26, 1914.

1,124,175.

Patented Jan. 5, 1915.



Witnesses

W. H. Wakefield

Inventor
Harrie A. Sackett

Mason Fenwick

Attorneys

UNITED STATES PATENT OFFICE.

HARRIE ALLEN SACKETT, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO THE REYNOLDS CORPORATION, OF BRISTOL, TENNESSEE, A CORPORATION OF TENNESSEE.

DISPLAY-STAND.

1,124,175.

Specification of Letters Patent.

Patented Jan. 5, 1915.

Application filed March 26, 1914. Serial No. 827,463.

To all whom it may concern:

Be it known that I, HARRIE ALLEN SACKETT, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Display-Stands; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to display stands and an object of the invention is to provide a stand of simple construction so formed that the weight of the articles being displayed will serve to make the stand rigid and secure.

A further object of the invention is to provide a display stand cut from a single strip of cardboard or similar material so that there is no waste material.

A still further object of the invention is to provide a display stand having platforms so arranged as to display articles in any one of several different positions.

A still further object of the invention is to provide an improved form of easel for supporting this display stand.

With these and other objects in view, the invention consists of the new and useful constructions, arrangement and combination of parts as will be described and claimed hereinafter.

In the accompanying drawings wherein two forms of the invention are shown and wherein similar reference characters designate corresponding parts throughout the several views: Figure 1 is a perspective view of the stand; Fig. 2 is a vertical section taken through the display stand; Fig. 3 shows the stand collapsed for packing; Fig. 4 shows a section similar to Fig. 2 taken through a modified form of the invention; Fig. 5 is a side view of the box assembled showing easel at the back thereof.

The general aim of the present invention is to provide a display stand formed of pasteboard, or in fact any sheet material, having substantially parallel front and back

sheets and having platforms cut from the front sheet but hinged thereto and provided with flaps which engage ears formed on the back sheet. These ears on the back sheet may either be in a horizontal plane with the pivot of the platform or may be thereabove, this construction making it possible for the platform to be either horizontal or to slope upwardly.

The invention comprises a back 1; top 2 from which extend flaps 3; bottom 4 from which extend flaps 5 comparable with flaps 3; and a front sheet or face 6 from which extend vertical sides 7 having flaps 7' along their outer edges. The lower end of the back 1 carries a tab 8, which is attached to the upper face of the bottom 4 as seen in Fig. 2. The upper and lower flaps 3 and 5 and the vertical sides 7 and their flaps 7' are similar to flaps ordinarily employed in box structures and are used to assemble the box as seen in Fig. 1, no further description of the flaps and operation of the same being deemed necessary.

The front sheet or facing 6 is provided with a plurality of incisions 9 formed of any convenient design but shown in the drawings as substantially U-shaped with rounded ends. The bottom of the vertical sides of the incision 9 are rounded as at 10 and terminate at the points 11 between which there is formed a line of scoring 12. There may be as many of these incisions as desired and they are not necessarily arranged just as shown in the drawing. Between the line of scoring 12 and the top 13 of the incision 9 next therebelow there is left a panel 14 the face of which is vertical and may receive any style of advertising matter. This panel 14 extends across the entire width of the incision and is connected to the opposite vertical sills 15 forming a part of the facing 6.

That portion of the card lying between the scoring 12 and the side 13 thereabove defines a platform 16 which has a line of scoring 17 therein to provide a lip 18. The platform 16 may be provided with any advertising matter and is designed as a shelf or support for articles to be displayed and

may therefore be provided with any of the usual devices for holding articles thereto, if the platform is to be held in any position other than horizontal.

Referring to Fig. 2, it will be seen that the back 1 is provided with a plurality of ears 19 defined by incisions 20, these ears 19 being preferably arranged in horizontal lines which are substantially in alinement with the lines of scoring 12. These ears 19 are approximately the same height as the width of the lip 18 formed on each of the platforms 16.

When it is desired to assemble the display stand each platform 16 will be bent downwardly and backwardly into the stand structure along the line of scoring 12, the lip 18 having previously been bent substantially at right angles to the plane of the platform 16 along the line of scoring 17. The platforms 16 are then pressed down until they are substantially horizontal as seen in Fig. 2 at which time the lips 18 will engage the ears 19 which ears 19 are bent away from the back sufficiently to engage the lips 18 frictionally. The ears 19 are stiff enough to resist bending down under any ordinary weight which may be placed upon the platforms 16. When cardboard or similar material is used for the manufacture of this display stand, there will be a natural tendency for the platforms 16 to spring upwardly and thus disengage the lips 18 from the ears 19 despite their frictional engagement. Therefore, it will be seen that when such a material as cardboard or pasteboard is used the weight of the articles to be displayed is effective in holding the lips engaged with the ears 19.

The vertical section shown in Fig. 4 illustrates a modified form of the invention, the modification consisting in placing the ears in lines above the planes in which the corresponding lines of scoring 12 lie, this construction making it possible for the top of the platform 16 to be seen so that advertising matter carried thereon will be more effective. Also if the articles to be displayed have printed upon the tops thereof advertising matter which it is desirable to display this modified form of the invention will be found effective for the purpose.

While the ears 19 which are used for supporting the platforms 16 have been described as being in a horizontal line, yet I am not limited to this construction inasmuch as useful variations from this arrangement of the ears can be made without departing from the spirit of the invention.

The device shown is designed to be used in show windows, on show cases, in stores and other places and ordinarily the bottom or base 4 will be of sufficient width to support the stand, but if additional supporting

means is desired, I may employ the easel shown generally at 21 comprising a body 22 rigid with or attached to the back and having hingedly connected thereto side wings 23 which bend to the position shown in Fig. 2 so that the tongue 24 having slots 25 therein can be swung to the position shown in said figure to lock the wings 23 in a position substantially perpendicular to the back of the stand.

It will be understood that the flaps 3, 5 and 7 will assist the easel 21 by making the box structure stiff in which case the structure will be supported in the position shown in Fig. 5. The side flaps 7' terminate close to the outer ears 19 and therefore afford a thickness of the material between the front face of the back and the front face of the flaps which cause a bend in each lip 18 and thereby provides an additional means, for increasing the frictional contact between the lips 18 and the ears 19.

By referring to Fig. 3, it will be seen that there is no material whatsoever wasted in the cutting of that portion of the card which forms the front of the display stand. Each ear 19 also is defined by a single incision so that no material whatsoever is wasted in the back. The display stand can be made from the blanks which are cut for making cardboard or pasteboard boxes of the same size.

I claim:

1. The herein described display stand comprising a back, top, front, and bottom, the latter attached to the back, sides connected with the edges of said front, and flaps along the free edges of the sides and the ends of the top and bottom; said back having incisions producing upstanding ears, and said front having incisions producing platforms adapted to be bent back into shelves, each platform having a line of scoring near its free edge producing a lip adapted to engage the corresponding ear.

2. The herein described display stand comprising a back, top, front, and bottom, the latter attached to the back, sides connected with the edges of said front, and flaps along the free edges of the sides and the ends of the top and bottom; said back having a plurality of transverse incisions producing upstanding ears disposed between the side flaps, and said front having a corresponding number of inverted U-shaped incisions producing platforms adapted to be bent back into shelves with their rear edges engaging said ears.

3. The herein described display stand comprising a back, top, front, and bottom, the latter attached to the back, sides connected with the edges of said front, and flaps along the free edges of the sides and the ends of the top and bottom; said back having a plurality of transverse incisions producing upstanding ears disposed be-

tween the side flaps, said front having a
corresponding number of inverted U-shaped
incisions rounded at their corners and ex-
tremities and a score line between said ex-
5 tremities whereby the material within each
incision forms a platform adapted to be
bent back into a shelf, said platform having
a score line near its free edge producing a

lip adapted to be bent down into engage-
ment with the corresponding ear.

In testimony whereof I affix my signature
in presence of two witnesses.

HARRIE ALLEN SACKETT.

Witnesses:

FRANK L. SWIGERT,
J. LESLIE RUPERT.

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