May 9, 1950 M. C. LETTS 2,506,675

CIGAR BOX PYRAMIDING CLIP

Filed Nov. 7, 1944

Fig. 1.

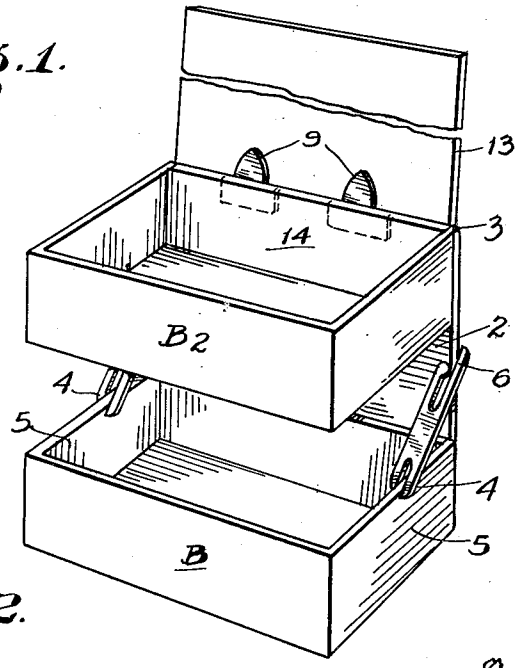


Fig. 5.

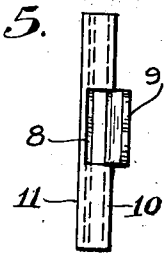


Fig. 4.

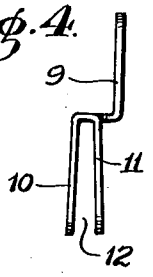


Fig. 2.

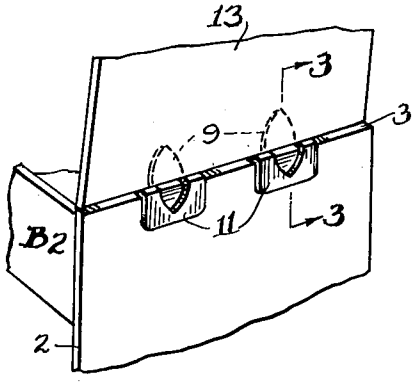
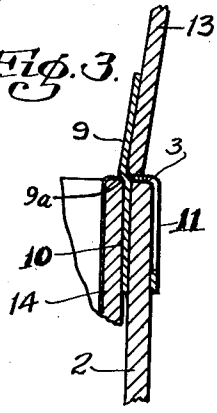


Fig. 3.



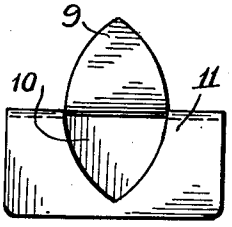
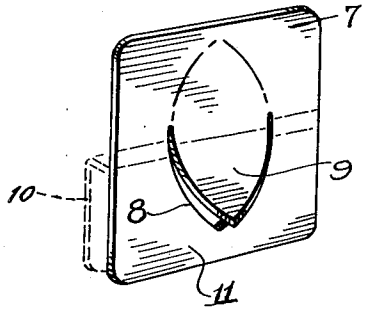


Fig. 7.

Fig. 6.



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CIGAR BOX PYRAMIDING CLIP

Maurice Cole Letts, Los Angeles, Calif.

Application November 7, 1944, Serial No. 562,324

5 Claims. (Cl. 211—126)

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My invention relates to a cigar box pyramiding clip and method of forming the same and primarily for providing a display of two or more boxes of cigars with lids open and cigars accessible to customers, without using more counter space than one box of cigars. The invention may be used in relation to display of other merchandise.

A box of cigars with the lid secured in an upright position to show the label and displayed on the counter has a strong sales appeal. Cigars are made of many brands and a brand may have one or more sizes, but the merchant's counter space is sufficient for the display of only a few.

An object of the invention is to provide a suitable clip which will permit one box, with lid in upright position, to be superimposed upon another box with lid in upright position: Thereby using counter space for only one box in displaying two or more boxes.

A further object of the invention is to provide a means of holding the lid of the top box in an upright position without the use of any other appliance.

A further object of the invention is to provide a means of displaying two or more boxes of cigars with the brand label and front name (size) in full view at all times.

Reference will be had to the accompanying drawings in which—

Figure 1 is a perspective view of a unit use of my cigar box pyramiding clip.

Figure 2 is a perspective view of the rear of the mounting of one box over the other box supported through the means of my clip. What is shown in Figure 2 is the back part of what is shown in Figure 3.

Figure 3 is a section on line 3—3 of Figure 2.

Figure 4 is an end elevational view of my clip which has been previously shaped ready to be applied in the pyramiding work.

Figure 5 is a top plan of what is shown in Figure 4.

Figure 6 is a perspective view of the first step taken in forming my clip from sheet metal.

Figure 7 is plan view of my clip.

In the drawings B indicates an open box in which cigars or other articles may be placed in full view for display sale having its cover 2 open to an upright position whereat the top edge of the cover is indicated as 3.

The cover 2 is sustained in this upright position by a bracing clip 4 of any suitable construction which is locked on the end wall 5 of the bottom box B and extends up to and is clasped on to

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the edge of the cover 2 at the point 6 on said cover 2, see Figure 1. Any cigar box lid holder available that will securely hold cover 2 of the box B in an upright position may be used. An upper box indicated by B2 is mounted and supported on the top edge of the cover 2 of the box B through the medium of my clip as shown in Figure 1.

I prefer to make my clips out of flat metal, a blank form of which is indicated by 7 in Figure 6. This metal is punched in its central area on a cleavage line 8, thereby forming a pointed projection 9, and the blank thus provided with the pointed projection 9 is formed by suitable dies or other means into the shapes indicated by Figures 4 and 5, wherein the projection 9 stands upwardly from the lower portion of the blank 7. The upper portion of the blank 7 is bended over as is indicated by 10 in Figure 4 parallel with the lower portion 11 of the blank 7, leaving a space 12 between the two, which space is the normal thickness of the top edge of a cigar box cover, as indicated by 2 of Figure 3.

My clip may be made in the form desired by being cast in shape as indicated by the purposes herein described out of any suitable material and made by any means that may be normally used in furnishing the desired completed shape for the use herein described.

The mounting of the box B2 upon the lid of box B by means of my clip is carried on in the following manner:

First.—Open the lid of the box B and fasten it in an upright position by means of the bracing clip 4 or lid holders one on each side.

Second.—Open the lid 13 of box B2 about half way up and insert my clips as follows: Steady the box on the counter with the left hand and take a clip in the right hand and insert it in the hinge line from the back of the box by piercing the hinge line about two inches from the end with the pointed portion 9 of the clip pushing it in as far as it will go. Then gradually open the lid 13 to an upright position and move the clip against the back of the box pushing upward so that the shoulder 9a of the clip will pass over the top of the back board 14 of the box. Repeat the operation with another clip about two inches from the other end of the box.

Third.—Box B2 is now ready to be mounted upon box B. Hold box B2 above and in front of the lid of box B then set it in position by fitting the top edge 3 of the lid 2 of box B into the slots of the clips. The display is now complete. Thus the invention accomplishes the display of boxes

as herein described by using the bottom box B as the sole and only support of the top box B2.

What I claim is:

1. A display device comprising, in combination with a pair of superimposed boxes having hinged lids swung into upright position, a clip having a downwardly opening U-shaped portion engaged over the top edge of the lid of the lower box and an upwardly disposed pointed portion piercing the hinge portion of the upper box and engaging against the inner surface of the lid of the upper box.

2. A display device comprising, in combination with a pair of superimposed boxes having hinged lids swung into upright position, a clip having a downwardly opening U-shaped portion engaged over the top edge of the lid of the lower box and an upwardly disposed pointed portion piercing the hinge portion of the upper box and engaging against the inner surface of the lid of the upper box, said pointed portion being offset from the plane of the contiguous downwardly disposed portion of the U-shaped portion.

3. A display device comprising, in combination with a pair of superimposed boxes having hinged lids swung into upright position, a clip having a U-shaped portion engaged over the top edge of said upright lid, said U-shaped portion having an integral medial portion projecting upwardly above the top of the U-shaped portion through the hinge of the lid of said upper box in position bearing against the inner face of said lid.

4. A display device comprising, in combination with a pair of superimposed boxes having hinged lids swung into upright position, a clip having a U-shaped portion engaged over the top edge of said upright lid, said U-shaped portion having an integral pointed medial portion projecting upwardly above the top of the U-shaped portion through the hinge of the lid of said upper box in position bearing against the inner face of said lid.

5. A display device comprising, in combination with a pair of superimposed boxes having hinged lids swung into upright position, a clip having a U-shaped portion engaged over the top edge of said upright lid, said U-shaped portion having an integral medial portion projecting upwardly above the top of the U-shaped portion through the hinge of the lid of said upper box in position bearing against the inner face of said lid, said medial portion being disposed in a plane laterally offset but substantially parallel with the plane of the front leg of the U-shaped portion.

MAURICE COLE LETTS.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
727,983	Luks	May 12, 1903
965,611	Tucker	July 26, 1910
1,147,975	Ruff	July 27, 1915
1,176,457	Jones et al.	Mar. 21, 1916
1,193,265	Honecker	Aug. 1, 1916
1,227,165	Marin	May 22, 1917
1,732,226	Darragh	Oct. 22, 1929
1,762,596	Soper	June 10, 1930
1,800,075	Imrie	Apr. 7, 1931
1,838,754	Frame	Dec. 29, 1931
2,235,709	Hearn et al.	Mar. 18, 1941
2,261,078	Shockey	Oct. 28, 1941
2,383,133	Kost	Aug. 21, 1945