Feb. 14, 1933. M. LEOPOLD 1,897,940

DISPLAY DEVICE

Filed April 15, 1931

Fig. 1.

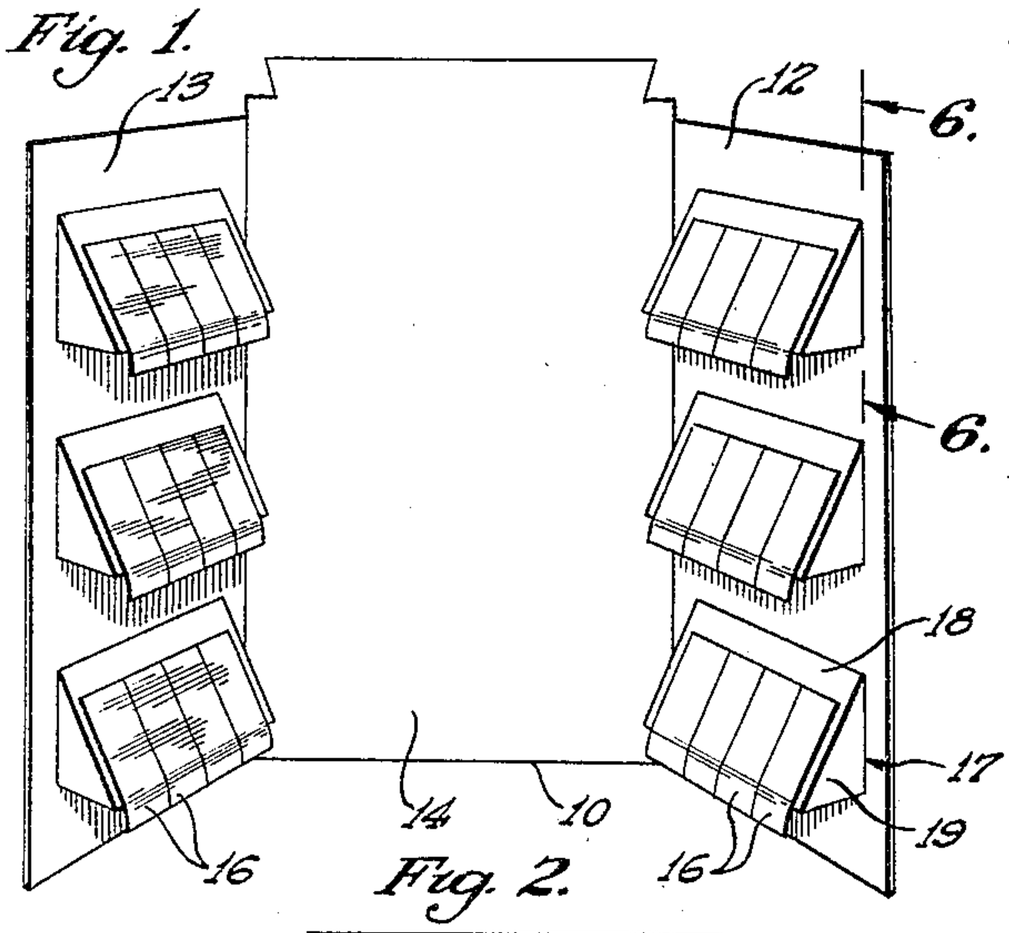


Fig. 2.

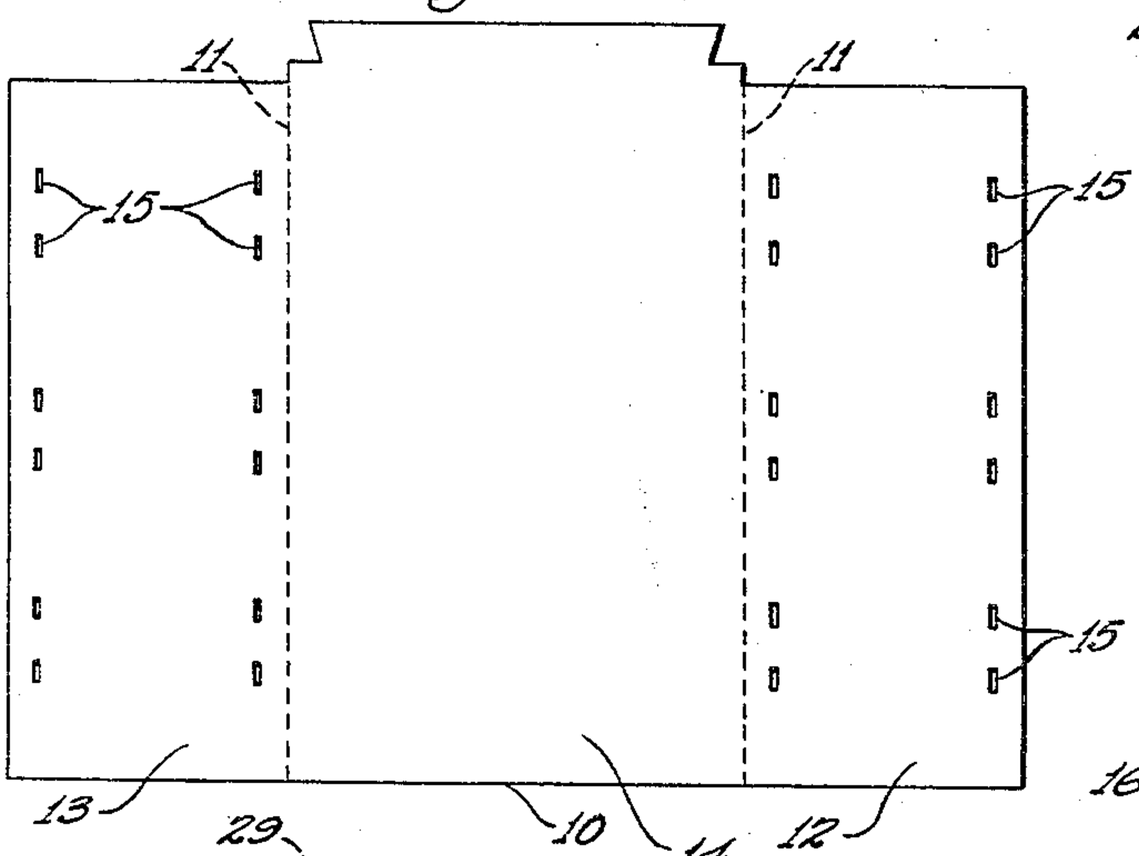


Fig. 3.

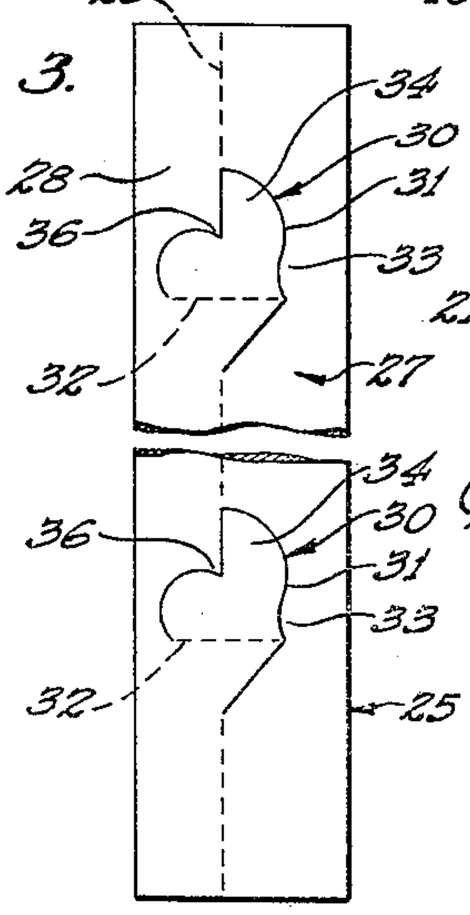


Fig. 4.

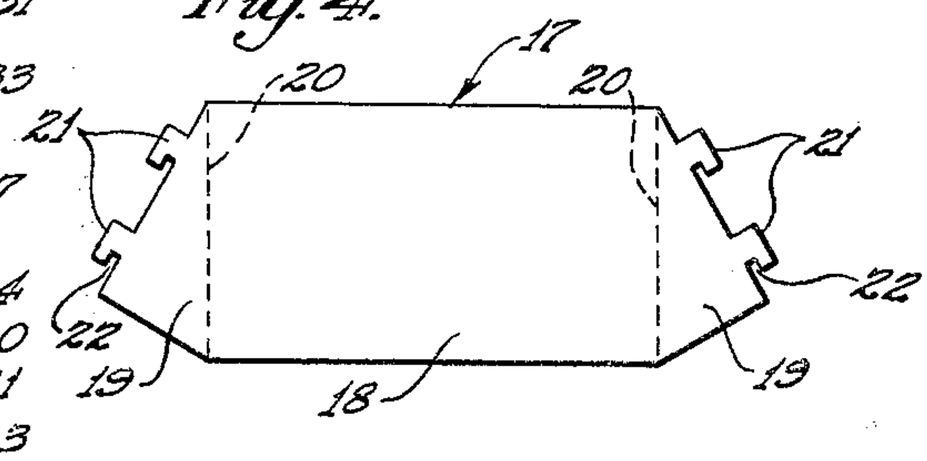


Fig. 5.

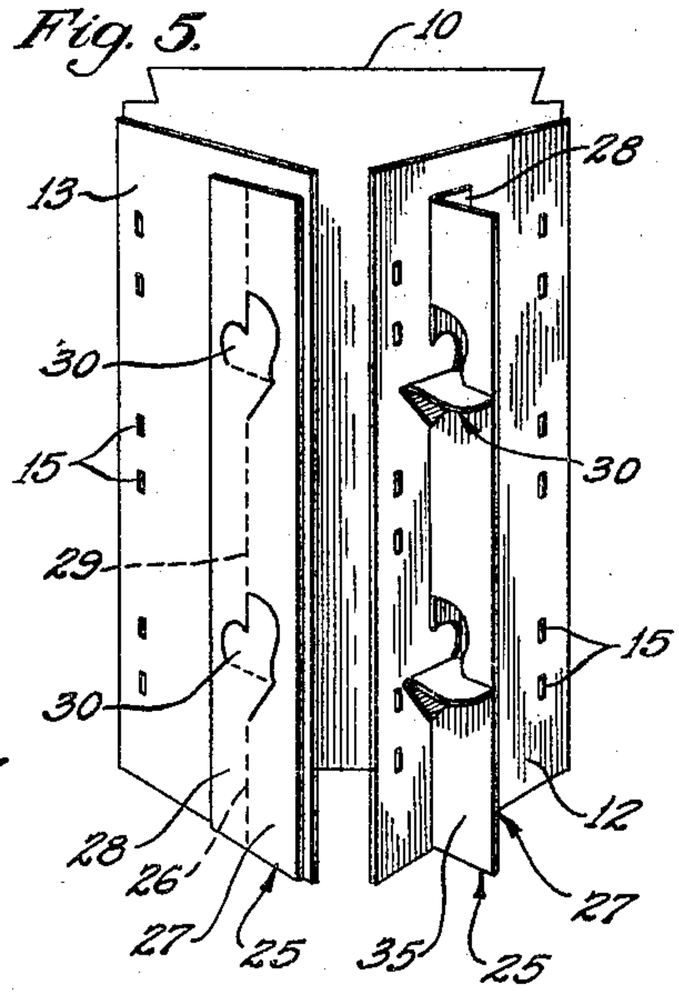
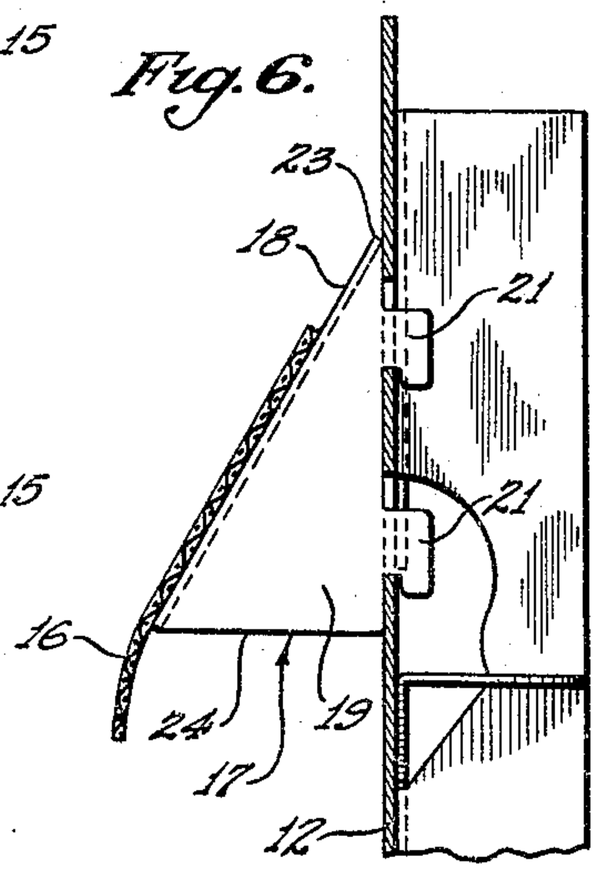


Fig. 6.



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Patented Feb. 14, 1933 1,897,940

UNITED STATES PATENT OFFICE

MORTON LEOPOLD, OF CHICAGO, ILLINOIS

DISPLAY DEVICE

Application filed April 15, 1931. Serial No. 530,326.

This invention relates to certain novel improvements in display devices, and has for its principal object the provision of an improved construction of this character which will be highly efficient in use and economical in manufacture.

It is an object of this invention to provide a device by means of which cloth samples may be more advantageously displayed in tailor shops or other business places, to prospective customers than has been done heretofore.

It is another object of the invention to provide a collapsible display device for clothing samples which may be conveniently and economically transported so that the device may be shipped to the trade, by the manufacturer, with the samples thereon and ready to be assembled.

Other objects will appear hereinafter.

The invention consists in the novel combination and arrangement of parts to be hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawing showing the preferred form of construction, and in which:

Fig. 1 is a perspective view of the device in assembled position;

Fig. 2 is a front elevational view of the slotted panel embodied in the invention;

Fig. 3 is a plan view of one of the back rests embodied in the invention for preventing the display panel and its wings from tipping;

Fig. 4 is a front elevational view of one of the display racks;

Fig. 5 is a perspective view of the display device showing the panel wings folded in upon themselves from the position of Fig. 1 so as to show the means for preventing the panel and wings from tipping; and

Fig. 6 is a sectional view on line 6—6 in Fig. 1, showing a preferred manner of providing detachable connection between the racks and panel.

In the drawing, which illustrates a practical embodiment of the invention, a panel is indicated at 10 and this panel has hingedly connected thereto, along fold lines 11, wings 12 and 13, the face 14 of the panel 10 providing advertising display space.

In each of the wings 12 and 13, two vertical rows of slots 15 are provided, and these slots are arranged in pairs (Fig. 2).

The racks for supporting the cloth samples 16 are indicated at 17 and each of these racks provides, when assembled, a sloping face 18 upon which the cloth samples 16 may be secured in any suitable manner.

Each of the racks 17 embodies the face 18 and a pair of triangular wings 19 hingedly connected thereto along fold lines 20. On each of the wings 19 is a pair of hooks 21 in each of which is a slot 22, and in assembling the display device the hooks 21 on the wings 19 are inserted through horizontally aligned pairs of slots 15 so that portions of the panel wings 12 and 13 will be disposed in the slots 22, as in Fig. 6. Thus the top and bottom edges 23 and 24 of the panels 18 will extend horizontally and parallel to each other.

In use, the wings 12 and 13 and the racks 17 will be disposed, relative to panel 10, as in Fig. 1, and means now to be described are provided for preventing the wings 12 and 13 and panel 10 from tipping. In order to illustrate these means, the wings 12 and 13 are shown, in Fig. 5, folded toward each other, at the front side 14 of panel 10. By reference to Figs. 3 and 5, it will be seen that there is provided on the rear side of each of the wings 12 and 13 a strip 25, and in each of these strips 25 is a fold line 26, thereby providing in each strip two sections 27 and 28 which are hingedly connected to each other along the fold line 29. The sections 28 of the strips 25 are adhesively or otherwise suitably secured to the rear sides of the wings 12 and 13 so that the sections 27 are free to be moved about the fold lines 29 as pivots and these sections 27, therefore, provide legs, the lower ends of which extend to the bottom edges of the wings 12 and 13.

In each of the strips 25 ears 30 are cut, along lines 31, and these ears 30 are hingedly joined to the sections 25 along the fold lines 32 (Fig. 3). A shoulder 33 is provided in each leg 27 by the cut 31. Therefore, by

folding leg 27 along fold line 29 and toward section 28, the portion 34 may be extended along the face 35 of the leg so that the shoulder 33 will engage in the notch 36 of the ear 30, thereby holding the legs 27 at right-angles (Fig. 5) to the sections 28 and the wings 12 and 13, so that the wings 12 and 13 and panel 10 will be prevented from tipping.

In collapsing the device for packing and transportation, the ears 30 will be moved upwardly on fold lines 32 and legs 27 will then be folded on full lines 29 so as to be parallel to sections 28 and wings 12 and 13. Racks 17 and attached cloth samples 16 will then be removed from the wings 12 and 13 by lifting hooks 21 upwardly and withdrawing the same from slots 15, whereupon the wings 12 and 13 may be folded in upon the panel 10, the racks 17 spread out flat and placed between the wings 12 and 13 and the panel 10, and the device thus made ready for convenient and economical shipment. It is apparent that the racks, panel 10, wings 12 and 13, and strips 25 may be made of any suitable material, such, for example, as fiber board or the like without departing from the spirit of the invention. Moreover, by attaching suitable securing elements to the racks 17 other articles of merchandise could be displayed on the racks 17 without departing from the purview of this invention.

The display device hereinbefore described will be found useful and efficient in displaying the samples 16 either on the floor of the tailor shop, store, or like place, wherein the customers will be afforded an opportunity to handle the samples 16, which are preferably adhesively secured only at their upper ends to the faces 18 of the racks 17; or the device may be placed in the shop window and, when properly illuminated, will effectively attract the attention of passersby.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification, without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

Having thus described my invention, what I claim as new and desire to protect by Letters Patent is:

1. Collapsible display device, comprising a single sheet of material including an upright panel, wings integral with and hinged along fold lines to said panel and provided with slots, and article supporting racks including hook elements detachably mounted in said slots, said racks having faces tapered at an acute angle with respect to the horizontal and said wings.

2. Collapsible display device, comprising a panel, wings integral with and hinged along fold lines to said panel and provided with slots, collapsible article supporting racks each including a main portion and trianglar wings integral with and hinged thereto along fold lines, and hook elements on said second-named wings adapted to be detachably mounted in said slots.

3. Collapsible display device, comprising a panel, wings hinged to said panel and provided with slots, collapsible article supporting racks each including a main portion and wings hinged thereto, hook elements on said second-named wings adapted to be detachably mounted in said slots, and means on said first-named wings for maintaining the device in upright position, said means including a strip attached to each of the first-named wings on the sides thereof opposite the second-named wings, each of said strips having cut-out portions each provided with a notch and each of said strips including a section movable relative to said first-named wings and said sections having portions adapted to be received in said notches to retain the device in upright position.

In testimony whereof I affix my signature.

MORTON LEOPOLD.