May 3, 1927. 1,626,711

H. ACKERET

DISPLAY STAND

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Fig. 1.

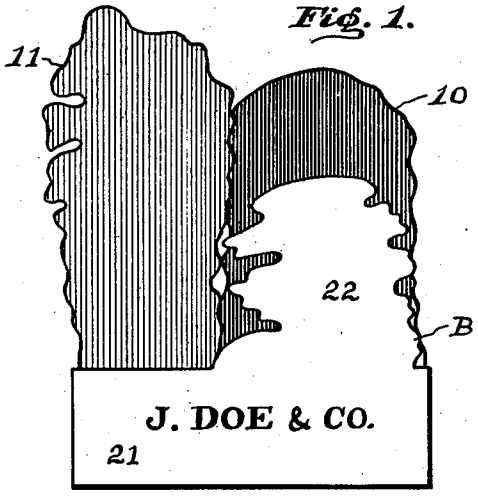
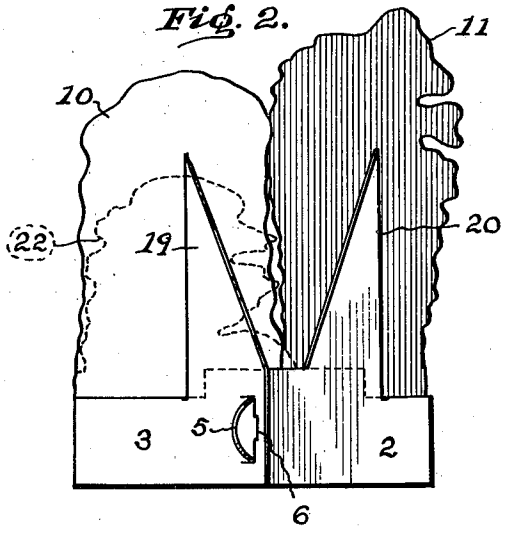


Fig. 2.



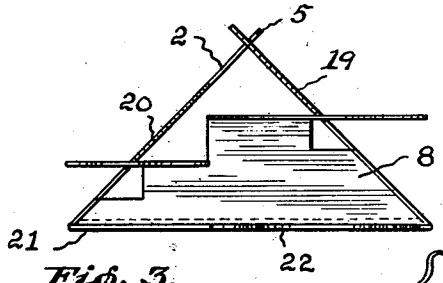


Fig. 3.

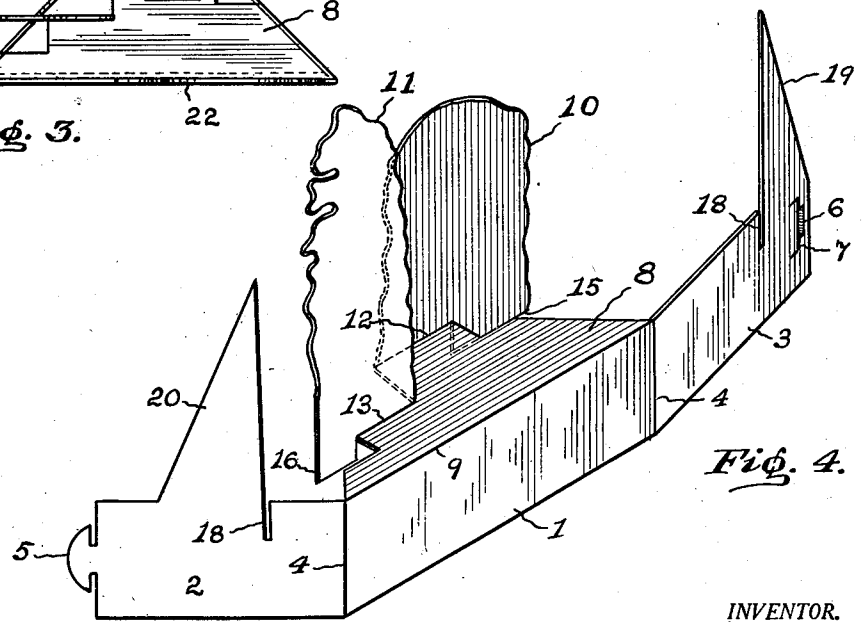


Fig. 4.

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Fig. 5.

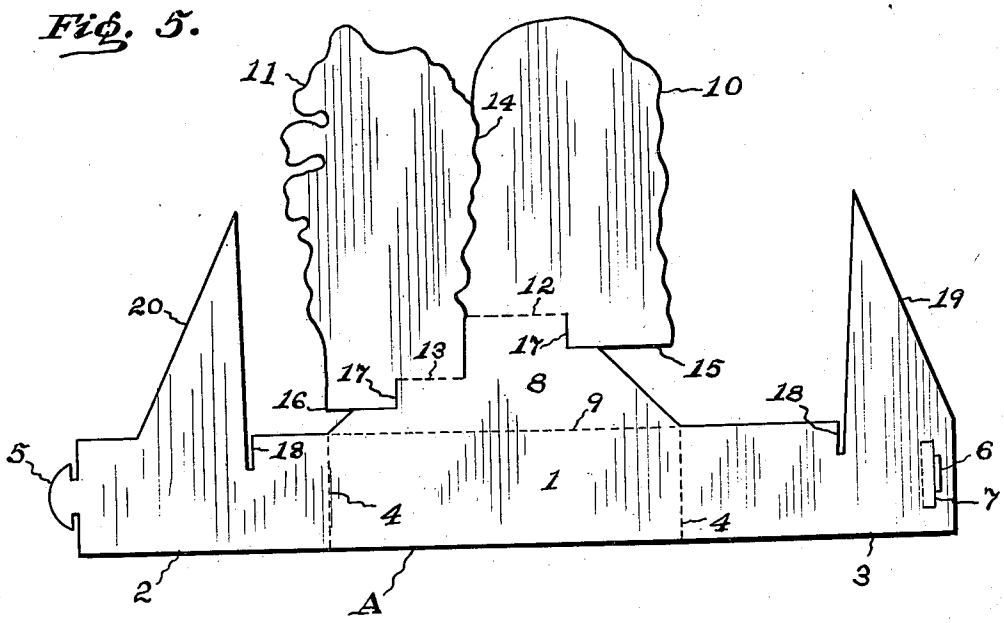
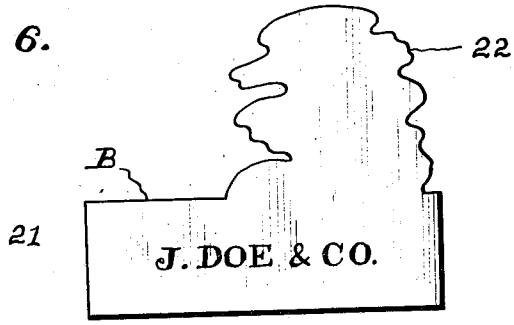


Fig. 6.



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UNITED STATES PATENT OFFICE.

HERBERT ACKERET, OF MASSILLON, OHIO, ASSIGNOR TO THE MASSILLON-CLEVELAND-AKRON SIGN COMPANY, OF MASSILLON, OHIO, A CORPORATION.

DISPLAY STAND.

Application filed February 9, 1924. Serial No. 691,567.

The present invention relates to a display stand and has for its object to provide a device of this character which embodies novel features of construction whereby a plurality of upright sheet or leaf portions comprising different component portions of the complete display are arranged in different planes so as to have separate depths from the front of the display and tend to give a proper perspective to the complete display when considered as a unit.

Further objects of the invention are to provide a display stand of this character which can be inexpensively formed of sheet material, such as card-board or the like, which can be collapsed into a flat condition for storage or shipment, which can be easily and quickly unfolded and set up in operative position, and which does not require the use of any separate elements or fastening members to complete the display.

With the above and other objects in view, the invention consists in certain combinations and arrangements of the parts as will more fully appear as the description proceeds, the novel features thereof being pointed out in the appended claims.

For a full understanding of the invention reference is to be had to the following description and accompanying drawings in which,

Figure 1 is a front elevation of the display stand when it is set up in operative position.

Figure 2 is a rear view thereof.

Figure 3 is a top plan view thereof.

Figure 4 is a perspective view of the body portion of the display stand showing the same as partially folded.

Figure 5 is a plan view of the blank from which the body portion of the display stand is formed.

Figure 6 is a similar view of the front portion of the display stand.

Corresponding and like parts are referred to in the following description and indicated on all of the views of the drawings by like reference characters.

The display stand of this invention is adapted to be inexpensively constructed from sheet material such as card-board or the like, and while the display portions in the embodiment of the invention which has been illustrated are in the shape and form of trees, it will be understood that the display parts may be of any desired shape or configuration and may simulate or picture any object or objects as may be desired or necessary to obtain the proper effect when the complete display stand is assembled and set up for use. The display parts of the stand are then arranged in spaced and substantially parallel vertical planes which are arranged at different distances from the observer, so that depth or perspective is given to the complete picture presented by the various component parts of the display.

Referring to the drawings which illustrate one of many possible embodiments of the invention, the reference character A designates the blank from which the main portion of the display stand is formed, and the reference character B the blank from which the front portion of the display stand is formed. These two blanks A and B may each be readily stamped or cut from a piece of sheet material, such as card-board or the like, and the blank A is illustrated in its flat and unfolded condition by Figure 5, while the blank B is illustrated in its detached condition by Figure 6.

The main blank A includes a front panel 1, which is of an elongated rectangular formation, and side wings 2 and 3 extend from the ends of the front panel 1 and are connected thereto by the fold lines 4. The side wings 2 and 3 are adapted to be folded rearwardly upon the lines 4, so as to cooperate with the front panel 1 to provide a triangular base for supporting the display stand in an upright position. For this purpose the free ends of the side wings 2 and 3 have a detachable and interlocking connection with each other. The end of the wing 2 is provided with a headed tongue 5, while the end portion of the wing 3 is formed with a slot 6 adapted to receive the reduced neck portion of the tongue 5. A flap 7 is provided at one side of the slot 6 and can be temporarily swung rearwardly to admit of the enlarged head of the tongue 5 being inserted through the wing 3 and the reduced neck portion thereof brought into engagement with the slot. When the two wings 2 and 3 are folded rearwardly and the tongue 5 brought into an interlocking engagement with the slot 6, the lower edges of the wings and front panel 1 are in a plane and a triangular base is formed which can be placed upon any

substantially horizontal support to hold the display in an upright position.

A top wing 8 is connected to the upper edge of the front panel 1 by a fold line 9, and a pair of display leaves 10 and 11 are connected to the top wing 8 by the respective fold lines 12 and 13 which are parallel to the fold line 9, being arranged at different distances therefrom. As shown on the drawings the display leaves 10 and 11 are shaped to simulate trees, although it will be understood that they can be given any other desired shape or configuration and may represent any object or objects which are necessary to obtain the proper display for which the particular stand is designed. The adjacent edges of the display leaves 10 and 11 may meet and have a complemental outline, as indicated at 14 on Fig. 5, if it is desired. The inner ends or bases of the display leaves 10 and 11 are provided with the respective extensions 15 and 16 which are separated from the top wing 8 of the blank by cuts 17, and are arranged so that they project downwardly from the plane of the top wing when the top wing is folded rearwardly into a horizontal position and the display leaves are folded upwardly into vertical positions, as indicated by Fig. 4. The base of each of the display leaves 10 and 11 is thus connected with the top wing 8 of the blank A by a fold line extending about half way across the same and provided with an extension or tang extending the remainder of the way across the same. The side edges of the top wing 8 are inclined so that when the top wing is folded rearwardly these inclined edges will have the same direction as the end wings 2 and 3 of the triangular base, as indicated by Fig. 3. The tangs 15 and 16 of the display leaves extend upon both sides of the respective edges of the top wing 8 and these tangs are adapted to enter notches 18 in the upper edges of the end wings 2 and 3. The end wing 3 is provided with an upstanding brace member 19 arranged immediately to the rear of the notch 18 and adapted to engage the back of the display leaf 10. In a similar manner the end wing 2 is provided with an upwardly projecting brace 20 arranged just to the rear of the notch 18 and adapted to engage the back of the display leaf 11. When the blank is folded into operative position the tang at the bottom of each of the display leaves is received within and interlocks with one of the notches 18 and the backs of the display leaves are engaged by the corresponding braces 19 and 20. The display leaves 10 and 11 are then supported in an upright position and are in substantially parallel planes at different distances from the front of the stand, so that depth or perspective will be imparted to the complete display. The blank A from which the base and two display leaves 10 and 11 are formed may be cut or stamped from a single piece of sheet material and a plurality of display leaves are possible from this single blank.

If desired, an additional blank B such as that shown by Figure 6 may be utilized. This blank B is formed with a base portion 21 which is adapted to be glued or otherwise secured to the front panel 1 of the blank A. A display portion 22 extends upwardly from the base 21 and is of such a character as to coordinate with the other display portions to produce the complete picture or display. The display portions preferably have a staggered relation to each other and they are all arranged in spaced and parallel planes when the display stand is set up for use, so that they are at different distances from the observer and tend to give depth or perspective to the picture. When the display stand is not in use the top wing 8 and display leaves 10 and 11 can be swung forwardly against the front blank B and into the plane of the front panel 1. The end wings 2 and 3 can then be collapsed against the back of the front panel 1, so that the entire display stand is in a substantially upright condition and will occupy a very small amount of space for storage or shipment. When the display stand reaches the merchant or other person by whom it is used it can be very quickly set up in operative position and there are no separate parts or special locking means to cause difficulty.

One particular embodiment of the invention has been shown and described in detail for illustrative purposes, although it will be understood that many modifications and changes can be made in the structural details without departing from the spirit of the invention.

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

1. A display stand including a front panel, end wings extending rearwardly therefrom to provide a supporting base, a substantially horizontal top wing extending rearwardly from the front panel, and a plurality of display leaves hingedly connected to the top wing at different distances from the front panel and provided with means for interengagement with the end wings, said end wings being provided with cooperating engaging means at different distances from their connection to the front panel to independently support the display leaves in operative position.

2. A display stand including a front panel, end wings extending rearwardly therefrom to provide a supporting base, a substantially horizontal top wing extending rearwardly from the front panel, a plurality of display leaves hingedly connected to the top wing at different distances from the

front panel and provided with means for interengagement with the end wings, said end wings being provided with cooperating engaging means at different distances from their connection to the front panel to independently support the display leaves in operative position, and braces carried by said end wings and adapted to align with the display leaves in successive rearward planes when the wings are interengaged therewith.

3. A display stand including a front panel, end wings extending rearwardly from the front panel, connecting means between the end wings to provide a supporting base, a substantially horizontal top wing extending rearwardly from the front panel, a plurality of display leaves hingedly connected to the top wing at different distances from the front panel, and means upon the wings spaced relative to the different vertical positions of the leaves to independently hold them in upright position.

4. A display stand including a front panel, end wings extending rearwardly from the front panel, connecting means between the end wings to provide a supporting base, a substantially horizontal top wing extending rearwardly from the front panel, a plurality of display leaves hingedly connected to the top wing at different distances from the front panel, and tangs upon the leaves disposed to engage slots in the wings spaced relative to the different vertical positions of the leaves to independently hold them in upright position.

5. A display stand including a front panel, end wings extending rearwardly from the front panel, connecting means between the end wings so that the end wings and front panel provide a supporting base, a substantially horizontal top wing extending rearwardly from the front panel, and a plurality of display leaves hingedly connected to the top wing and provided with means for interengagement with the end wings to support the display leaves in operative position.

6. A collapsible display stand adapted to be formed of a single piece of sheet material and including a front panel, end wings hingedly connected to the front panel and adapted to be extended rearwardly therefrom for cooperation with the front panel to provide a support, a flat horizontal wing hingedly connected to the upper edge of the front panel and adapted to be folded rearwardly therefrom, a plurality of display leaves hingedly connected to the top wing at different distances from the front panel and provided with tangs which are cut from the top wing and project downwardly therefrom for interengagement with the end wings, and supporting braces and notches formed upon the end wings for engagement with the display leaves and spaced relative to the different vertical positions of the display leaves to retain them in position.

7. A collapsible display stand formed of a single piece of sheet material and including a front panel, end wings hingedly connected to the ends of the front panel and adapted to be folded rearwardly, connecting means between the end wings so that the end wings and front panel can cooperate with each other to provide a triangular base, said end wings being provided with notches and upright braces, a top wing hingedly connected to the upper edge of the front panel and adapted to be folded rearwardly, and a plurality of display leaves hingedly connected to the top leaf and provided at their base portions with tangs which are cut from the top leaf, said tangs being adapted to engage the before mentioned notches of the end wings and the display leaves being engaged by the before mentioned braces when in operative position.

8. A display stand formed of sheet material and including a front panel, end wings hingedly connected to the front panel and adapted to be swung rearwardly therefrom, a top leaf hingedly connected to the upper edge of the front panel and adapted to be swung rearwardly, a plurality of display leaves hingedly connected to the top wing at different distances from the front panel, means upon the wings for holding the display leaves in an upright position, and a front sheet applied to the front panel and formed with an upstanding display leaf which is arranged to cooperate with the other display leaves to obtain the desired effect.

In testimony whereof I affix my signature.

HERBERT ACKERET.