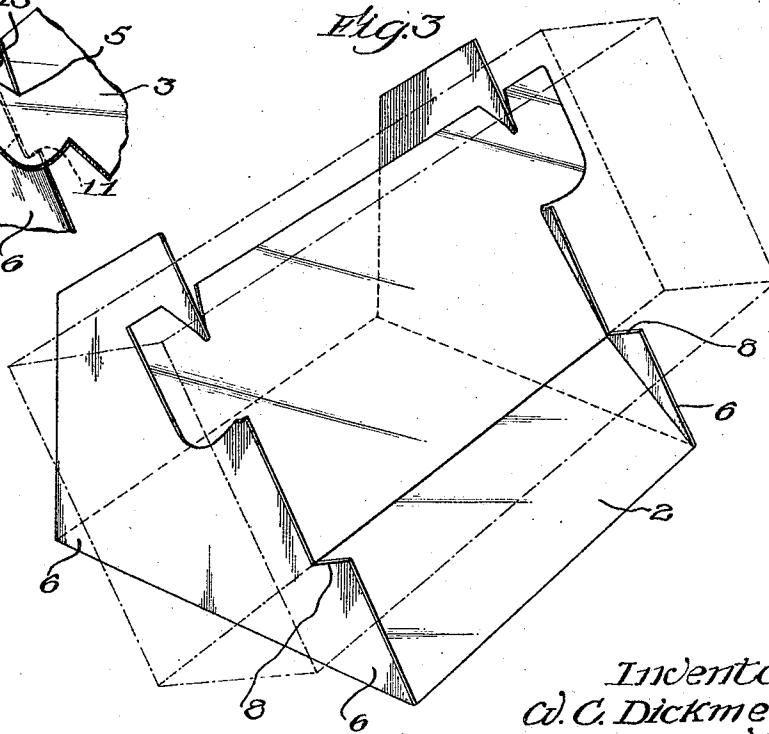
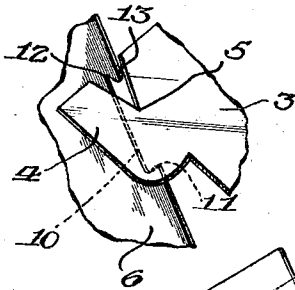
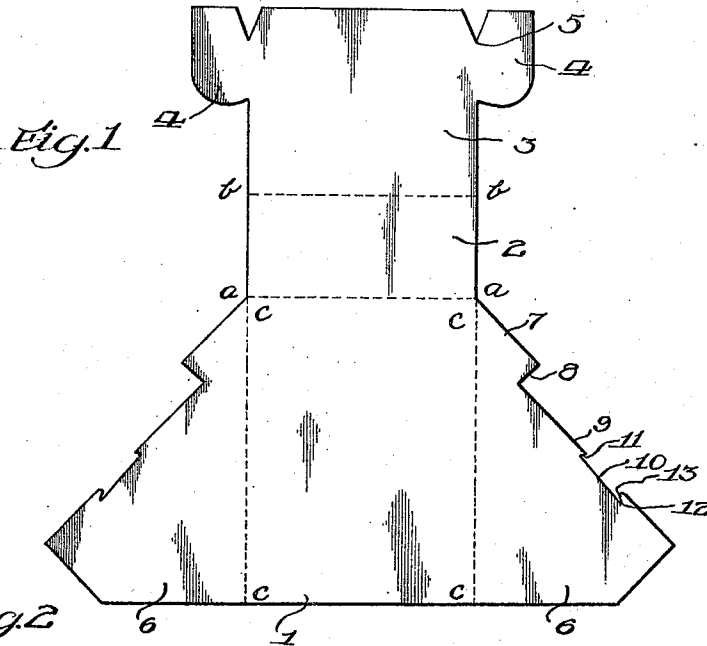


W. C. DICKMEYER.
 DISPLAY STAND.
 APPLICATION FILED NOV. 9, 1921.

1,415,224.

Patented May 9, 1922.



Inventor:
 W. C. Dickmeyer
 By *Mason & Harwood* Attys

UNITED STATES PATENT OFFICE.

WILLIAM C. DICKMEYER, OF FORT WAYNE, INDIANA.

DISPLAY STAND.

1,415,224.

Specification of Letters Patent.

Patented May 9, 1922.

Application filed November 9, 1921. Serial No. 514,056.

To all whom it may concern:

Be it known that WILLIAM C. DICKMEYER, a citizen of the United States, residing at Fort Wayne, in the county of Allen and State of Indiana, has invented certain new and useful Improvements in Display Stands; and he does 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 has to do with object holders and relates particularly to advertising easels or display stands.

It is the primary object of the invention to provide a sturdy device of simple formation having a solid base portion, sides depending from said base, and a unique general assembly, and secondarily, to provide a front for said device interlocking with the sides thereof for mutual support, said front having a flexibility admitting of quick assembly of the device and adjustments in conformity with the configuration of the stand and of an object thereon.

These and such other objects as may hereinafter appear are attained by the novel construction, arrangement and combination of the several parts of the device now to be specifically described. Reference will now be had to the accompanying drawing in which—

Figure 1 is a plan view of the blank from which the stand is formed;

Figure 2 is a detail showing the interlocking of the front and side of the stand; and

Figure 3 is a perspective view showing the complete stand, a rectangular object held thereupon being indicated by dotted lines.

The purpose of the invention having already been stated, it is proper to say that in its manufacture, cardboard, sheet metal or any other flat or sheet material may be employed, and that for facility in production, blanks such as are shown in Figure 1 from the selected material may be die cut or stamped. The dotted lines in said figure are used not only to mark the boundaries of parts, but also to indicate scoring or creasing between said parts.

Said blank from which the stand is formed, has, as is clearly illustrated, a rectangular central portion divided into sections by the dotted lines *a-a* and *b-b*. The wider of the sections, thus divided off and

designated by the ordinal 1, is the base or bottom of the stand, while the narrower sections, 2 and 3, provide the front thereof.

Section 3 has side extensions of material, designated 4, said extensions being of any convenient dimensions, and shape, but preferably of a slightly undercut formation at their under sides and immediately adjacent to the sides of section 3. Two triangular notches 5, each having its apex in alignment with opposite side of section 3, are cut in the uppermost edge of said section 3.

Depending from the sides of section 1 are oppositely disposed substantially right triangular wings 6, each extending the full length of said sides and separated therefrom by the score or crease line *c-c*. The longer sides (hypotenuse) of said wings 6 comprise two parallel portions 7 and 9, separated by a step 8, the portion 7 which is adjacent section 2 of the blank being slightly longer than said section 2, while the longer portion 9 of said side is notched or cut out at 10.

The notch or cut out part 10 has an undercut end 11 adjacent to the step 8; its inner surface is straight and inclined inwardly and away from the side 9 and it terminates in a deeply undercut end 12, the material of the side 9 projecting well over the straight surface of said notch 10 to form a finger 13.

The distance from points *ac* to the undercut ends 11 of notches 10 is slightly less than the distance from points *ac* to the undercut portions of extensions 4, while the distance from the undercut portions of extensions 4 to the apex of notches 5 is slightly greater than the passageway into notch 10 intermediate end 11 and finger 13.

For economy in material and to make the stand of less height and hence more sturdy, the material of the wings 6 may be clipped off perpendicularly to the side 9 adjacent to notch 10 as is shown.

To form an easel, or stand, the material of the blank is bent upwardly along lines *c-c* and *a-a*. The material of section 3 at the apices of notches 5 is forced backwardly under fingers 13 and into the undercut 12, as depicted in figure 2, until the undercut portions of extensions 4 pass wholly into the notch 10. With the release of the material, section 3 and extensions 4 become locked in notches 10 which allow a limited reciprocal movement of the material thus retained within the limits thereof. The front

of the stand formed from sections 2 and 3 is slightly flexed along the line *b-b* either manually or by assembly. A candy box or other receptacle for display may now be laid
5 upon the steps or shoulders 8 as indicated in Figure 3.

A hinged front for the easel, and a base or bottom of solid rectangular formation is provided by this invention. The sides
10 which support the object of display cannot be forced apart from beneath and are securely locked against spread at their top. The hinged sections 2 and 3 adjust themselves to the assembly of the sides and to the
15 strain upon the stand as well as to the shape of the object. Additionally, section 2 provides space for advertising, and names or prices of goods for the public view, while section 3 may be availed for additional ad-
20 vertising and the like directed to the user of the stand.

It is instantly apparent that many modifications, changes and alterations may be made to the device herein illustrated and de-
25 scribed without departing from the spirit of the invention; hence, it is not my intention to be limited to this single form of the invention, but to include all structures falling within the scope of the claims hereto ap-
30 pended.

What I claim is new and desire to secure by Letters Patent of the United States, is:—

1. In a display stand cut or stamped from sheet material, a bottom having extensions
35 adapted to be bent upwardly to form sides for the stand, and a front provided with extensions of material adapted to interlock with said bottom extensions whereby to hold the sides in alignment.

40 2. A display stand having a bottom, sides and front cut or stamped from sheet material, said front interlocking with said sides and having a hinged portion whereby to ad-
45 just its configuration to the configuration of said sides.

3. A stand cut or stamped from sheet

material comprising a bottom, notched side members formed from oppositely disposed extensions of the bottom material, a hinged
50 front formed from another extension of said bottom material, said hinged front having lateral extensions of material insertable into the notches in the said sides.

4. In a display stand cut or stamped from
55 sheet material and bent into shape, a bottom, sides extending from said bottom and having notches therein, and a hinged front adapted for reciprocal movement upon said sides.

5. As an article of manufacture, a blank
60 for forming a display stand from sheet material and of substantially Y shape, the body of the Y forming the bottom and sides of said stand and the stem thereof the front
65 of said stand, the material of the body of the blank having side notches into which the material of the stem is adapted to be inserted when in folded position, the stem
70 comprising two sections adapted to be flexed inwardly and outwardly.

6. A display stand cut or stamped from
a single sheet of material and bent into
shape, comprising a substantially square
bottom section, triangular side members ex-
75 tending from said bottom section and having their inclined edges cut to form steps and a shallow notch having undercut ends, and a rectangular extension from said bot-
80 tom having a notched end provided with lateral extensions of material, the side extensions being adapted to be folded perpen-
85 dicularly to the bottom to receive in the notches therein the notched end of said rectangular extension whereby to hold said rec-
90 tangular extension in juxtaposition to said sides to form the front of said stand, said front being hinged to admit of it being forced out of alignment with the steps upon
said sides when an object for display is placed upon said steps.

In testimony whereof I affix my signature.

WILLIAM C. DICKMEYER.