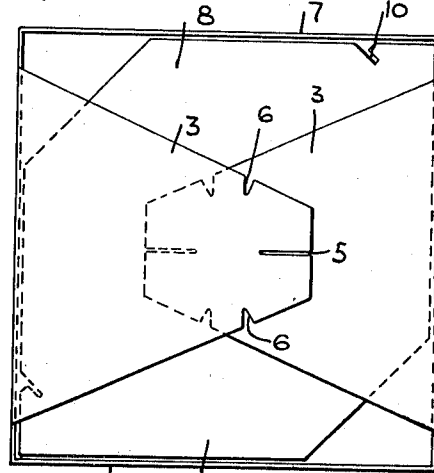
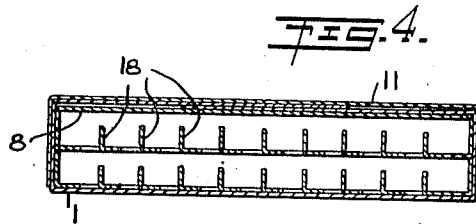
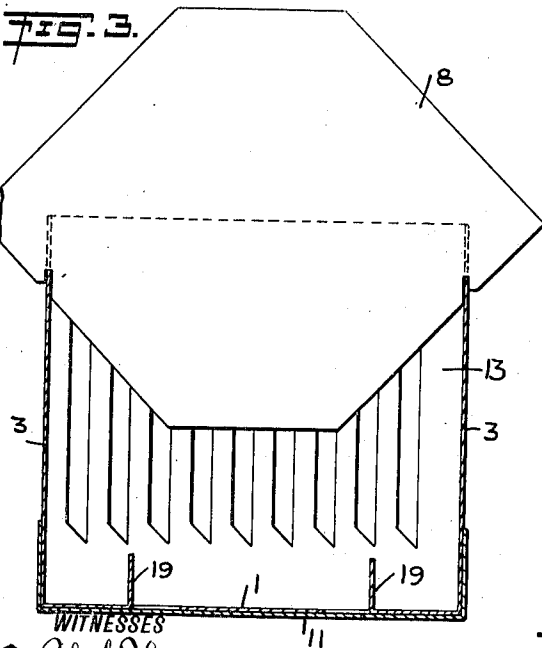
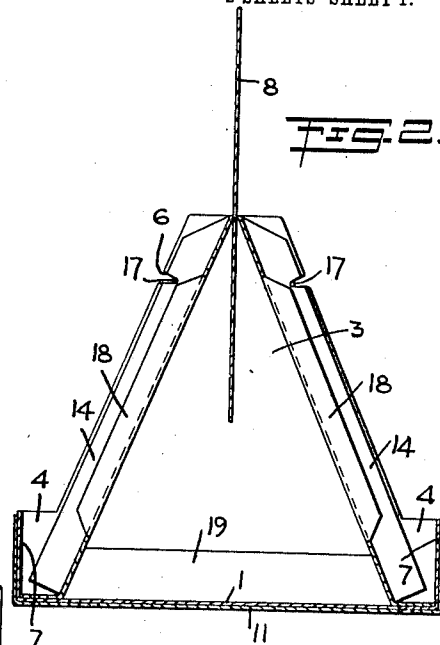
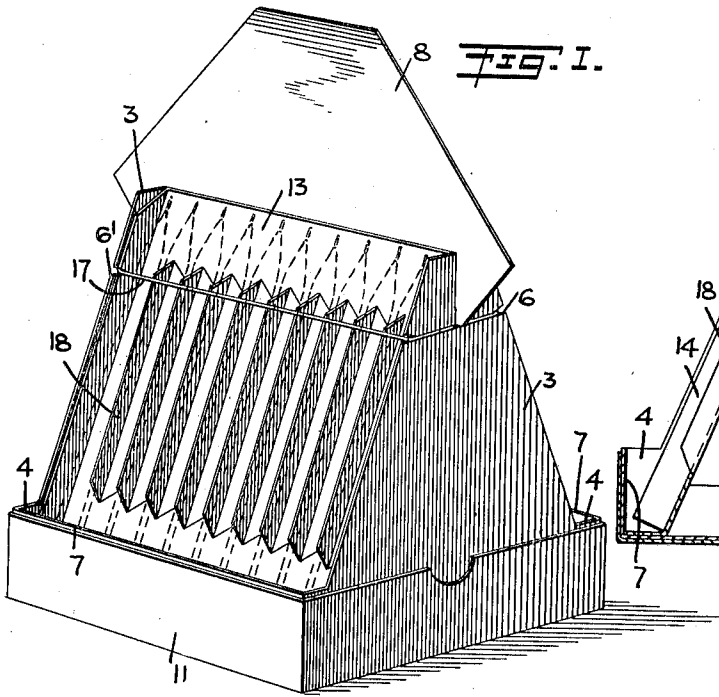


W. W. BAGLEY.
CONTAINER AND DISPLAY DEVICE.
APPLICATION FILED JUNE 17, 1912.

1,054,487.

Patented Feb. 25, 1913.

2 SHEETS—SHEET 1.



WITNESSES
G. Robert Thomas
A. J. Cunningham

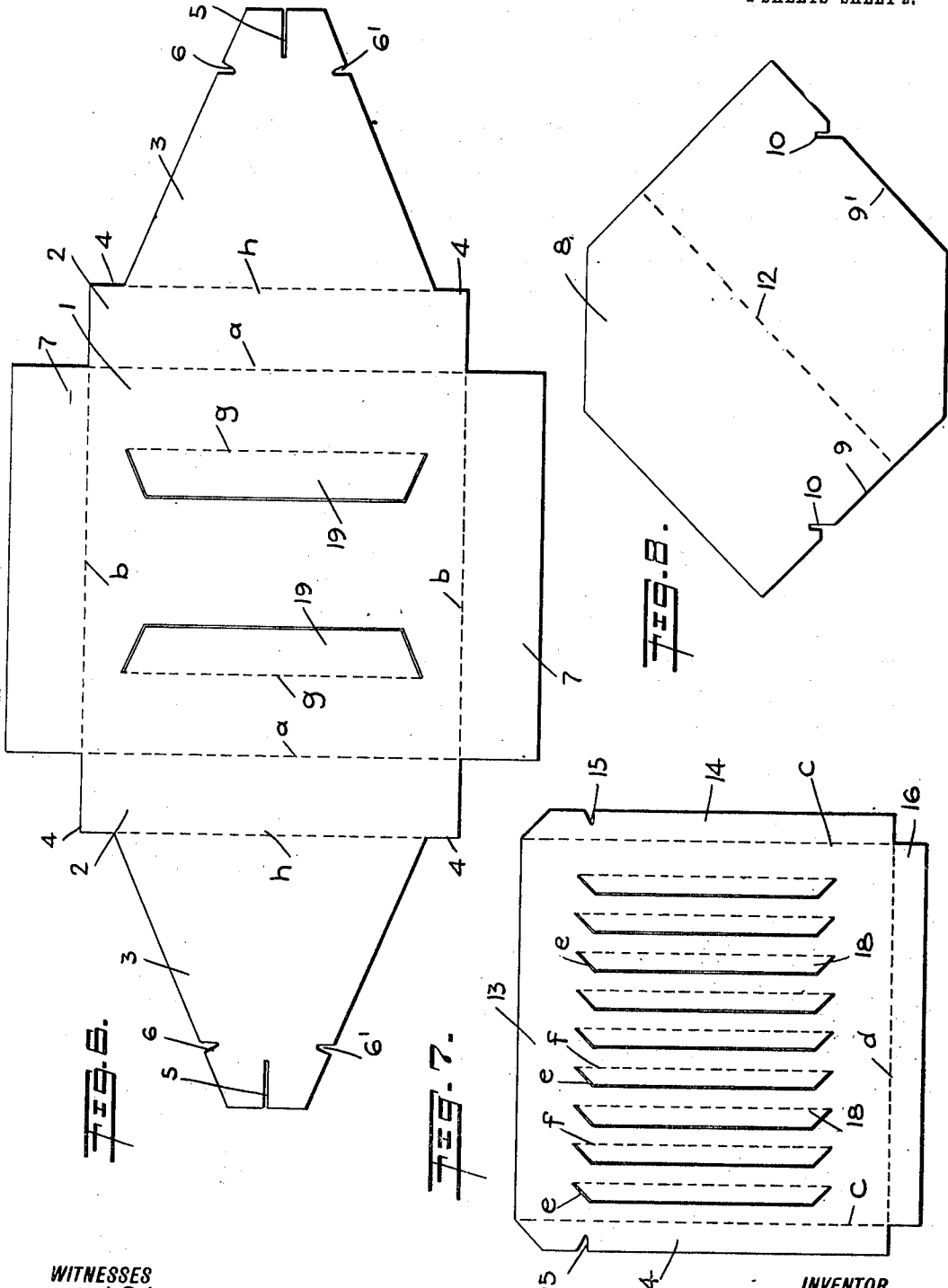
FIG. 5. INVENTOR
William W. Bagley
BY *M. M. M.*
ATTORNEYS

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WITNESSES
G. Robert Thomas
P. J. [Signature]

INVENTOR
William W. Bagley
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ATTORNEYS

UNITED STATES PATENT OFFICE.

WILLIAM W. BAGLEY, OF NEW YORK, N. Y.

CONTAINER AND DISPLAY DEVICE.

1,054,487.

Specification of Letters Patent.

Patented Feb. 25, 1913.

Application filed June 17, 1912. Serial No. 704,228.

To all whom it may concern:

Be it known that I, WILLIAM W. BAGLEY, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Container and Display Device, of which the following is a full, clear, and exact description.

My invention relates generally to a display device adapted, when in knock-down position, to serve the purposes of a container, the construction being made up of folding parts of simple construction, whereby an efficient structure may be produced at a trifling cost.

The principal object of the invention is to provide a display device made up of two parts adapted to hold divers articles in position, together with a base for containing the said parts, the structure being adapted to be easily brought to knock-down position.

It is of some importance in the production of structures similar to that herein described and claimed that the cost of manufacture be low and to this end the particular shape and interengagement of the parts is such that an economical product may be presented.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar characters of reference denote corresponding parts in all the views, and in which—

Figure 1 is a perspective view of the parts serving the purposes of a display device; Fig. 2 is a vertical sectional view of the device in the position shown in Fig. 1; Fig. 3 is a vertical sectional view at right angles to the section of Fig. 2; Fig. 4 is a vertical sectional view of the device, the parts being in knock-down position; Fig. 5 is another view of the parts in such position; Fig. 6 is a plan view of one of the elements of the structure showing the method of folding the same; Fig. 7 is a plan view of a second element of the structure; and Fig. 8 is a plan view of the third element.

The particular size of the different elements which go to make up the structure herein described and claimed is of little consequence as far as the inventive idea is concerned, the purpose being to provide a structure which may be adapted as a container

for various articles and also as a means of displaying the same, the particular article displayed in the present instance being pencils. Fig. 1 shows the device in position for displaying the pencils, the elements making up the device being particularly set forth in Figs. 6 to 8 inclusive.

Referring particularly to Fig. 6, a piece of suitable material, such as stiffened paper or cardboard, is provided, substantially of the shape shown in this figure; the structure comprises what may be termed a body member 1 having side portions 2 of substantially the same length as the body portion, these side portions being provided with ears 3, substantially trapezoidal in outline, the bottom width of the ears being substantially less than the width of the sides 2, whereby shoulders 4 result. The outer end of each of the ears is provided with an inwardly extending recess 5, while the inclining sides of the ears are provided with notches 6, 6', the particular purpose of which will be later set forth.

In addition to the sides 2, the body member 1 is also provided with sides 7, the length of which is substantially equal to the length of the body portion 1, the sides 2 being adapted to be bent upwardly at right angles from the body portion 1 along the broken lines *a*, and the sides 7 being adapted to be bent upwardly in a similar manner along the broken lines *b*, whereby a rectangular box may be provided, the ends of the sides 7 being adjacent the ends of the sides 2 when the parts are in such folded position. This body member, with the sides and ears, is termed hereinafter a frame or framework.

Referring particularly to Fig. 8, a single sheet of material 8 is shown having opposite corner portions removed, converging edge portions 9, 9' of this material or sheet being provided with inwardly extending recesses 10, which recessed portions are adapted to be extended into and be embraced between the side walls of the recesses 5 at the ends of the ears 3 of the elements shown in Fig. 6 when the ears are bent upwardly along the lines *a*, the parts then assuming the relative locations shown in Fig. 1. This single sheet of material 8 is hereinafter referred to generally as a card, or as retaining means, coöperating with the above mentioned frame.

The outfit also comprises a base 11 of box-like formation and of substantially the same area as that of the body portion 1 of the frame shown in Fig. 6, it being noted, also, that the area of the card shown in Fig. 8 is substantially less than the area of such body portion, the width, or, rather, the distance, however, along the line 12 being substantially equal to the length or width of the body portion 1 of this same frame shown in Fig. 6. The base 11 is of the conventional form, the depth thereof being substantially equal to the width of the sides 2 and 7 adjacent the body portion 1 of the frame shown in Fig. 6, so that, when the sides 2 and 7 are bent along the broken lines indicated, this frame may be placed into the base 11 which serves as a support, as shown in Fig. 1.

Referring particularly to Fig. 7, a tray 13 is shown provided at opposite portions with the sides 14, the sides being provided with notches 15 which are opposite each other, the lower portion of the tray being provided with a third side 16; these sides 14 and 16 are adapted to be bent at right angles along the lines *c*, *d*, whereby the tray is formed, the width of the body portion 13 being substantially equal to the width of the body portion 1 of the support of Fig. 6 so that when this folded element is in the position shown in Fig. 1, the trays may be placed between the upstanding ears 3, the parts being conveniently held together by passing a rubber band or equivalent device 17 around the ears and passing through the notches 6, 6' therein and also through the notches 15 in the trays, which notches, by the way, register with the notches 6, 6', as shown in this figure. The particular form of the trays is immaterial as the purpose is to provide such elements stamped in various forms adapted to hold divers articles, the tray herein chosen for purposes of illustration comprising a number of upwardly bent parts 18 substantially integral with the body portion 13, the construction being brought about by cutting the body portion along the lines *e* and then bending the material along the lines *f* until the structure shown particularly in Fig. 4 is arrived at.

Referring particularly to Figs. 2 and 3, it will be noted that when the trays are in position they lie between the ears 3 and follow substantially the converging edge portions of these ears, the upper ends of the trays being closely adjacent the card 8, the lower ends of the trays resting on the body portion 1 of the support; in order to prevent relative movement of the trays when the parts are in position, as when it is attempted to remove one of the articles from the trays, suitable means are provided against which the trays may engage; the

preferred form of such means embodies (Fig. 6) the provision of integrally formed and upwardly bent portions 19 in the body portion 1 of the support, the bending being along the lines *g*, these upwardly bent portions forming, in effect, abutments which prevent movement of the trays.

The card shown in Fig. 8 is adapted especially to carry printed matter setting forth the name or manufacturer of the article which is being displayed, or other desirable information, ample space being provided, as shown particularly in Fig. 1.

It is believed that the method of setting up the parts in position for display will be readily understood from the description set forth; the parts are, however, adapted to be compacted into much smaller space for purposes of transportation, the arrangement in such case being shown particularly in Figs. 4 and 5.

It will be remembered that the relative sizes or dimensions of the blanks shown in Figs. 6, 7, and 8, as well as the base 11, have been given and that it has been stated that the area of the base is substantially equal to the area of the body members 1 of the support and the tray 13, while the area of the card shown in Fig. 8 is substantially less than such areas, but that the distance along the line 12 of this blank is substantially equal to the width of these body members. The utility of such features of construction will be apparent on reference to Figs. 4 and 5. The rubber band 17 is removed from the position shown in Fig. 1 and the trays are taken out and the card 8 also removed, after which the base 11 is separated from the support; the trays are placed on the portion 1 of this support covering such portion 1 and the sides 4 and 7 extending adjacent the ends of the trays, as shown particularly in Fig. 4; the card 8 is then placed on top of the trays, the ears 3 being then bent along the broken lines *h*, as shown particularly in Fig. 5, whereby the ears lie on top of and adjacent to the said card; the base 11 is then placed over all of these parts, the sides of the base preventing the folded sides 4 and 7 of the folded support of Fig. 6 from movement, all of the parts being then confined within the box-like structure as shown in Fig. 4.

From a consideration of the structure shown in the drawings, it will be apparent that the display device is of very simple construction, the parts being quickly made and easily brought to knock-down position previous to packing so that while a large number of such parts in the position may occupy a small space, such parts may be quickly brought to the display position for use on a counter or elsewhere and occupying a sufficient space to bring the articles displayed to the attention of those nearby.

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

1. A structure of the class described, comprising a base, a frame embodying ears in spaced relation carried thereby, a card having notches therein, the notched portion of the card engaging the upper end portions of the ears, trays positioned between the ears adjacent opposite sides of the card, and means passing around the ears and lying adjacent the trays, whereby articles are held in position within the trays.

2. A structure of the class described, embodying a base of box-like formation, a frame carried by the base, a card engaging opposite sides of the top of the frame, trays positioned adjacent opposite sides of the card, and means passing around the frame, whereby articles contained in the trays may be held in position.

3. A structure of the class described, embodying a base, a frame carried thereby and removable therefrom, opposite sides of the top portions of the frame being provided with recesses, a card extending between the said opposite sides of the frame and entering the said recesses, the card being provided with notches into which the side walls of the recesses engage, and trays adjacent opposite sides of the card and positioned between the said opposite sides of the frame, the said trays resting against the said card.

4. A structure of the class described, comprising a base, a frame embodying ears in spaced relation carried by the base, the tops of the ears being provided with recesses, a card having notches therein, the notched portions of the card entering the said recesses in the ears, trays positioned between the ears adjacent opposite sides of the card and in engagement with the said card, and means passing around the said ears and lying adjacent the trays, whereby articles are properly positioned within the said trays.

5. A structure of the class described, comprising a base of box-like formation, a frame carried by the base, the frame embodying spaced ears extending upwardly from the base, the upper end portions of the ears being provided with recesses, a card provided with notches, the notched portions of the card engaging in the recesses of the said ears, whereby the ears are held in proper relation with respect to each other, a number of trays positioned between the said ears and adjacent opposite sides of the card, and a member passing around the ears and lying adjacent the said trays, whereby articles contained in the trays are prevented from falling out.

6. A structure of the class described, embodying a base, a frame carried thereby, the frame comprising a body portion having spaced ears, the ears lying adjacent opposite sides of the said base when the parts are assembled, the said ears being substantially trapezoidal in outline, a plurality of trays positioned between the said ears and extending upwardly from the said base, and means engaging the ears and lying adjacent the trays, whereby the parts are held together and articles contained in the trays are prevented from falling out.

7. A structure of the class described, comprising a base, a frame embodying ears in spaced relation carried by the base, a card adjacent the tops of the ears extending between them and engaging both of them, trays on opposite sides of the card and positioned between the said ears, and means passing around the ears and lying adjacent the trays for maintaining articles in proper position within the trays.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM W. BAGLEY.

Witnesses:

JOHN P. DAVIS,
PHILIP D. ROLLHAUS.