C. C. FLEMING.

DISPLAY STAND.

APPLICATION FILED APR. 30, 1914.

1,117,824. Patented Nov. 17, 1914.

Fig. 1

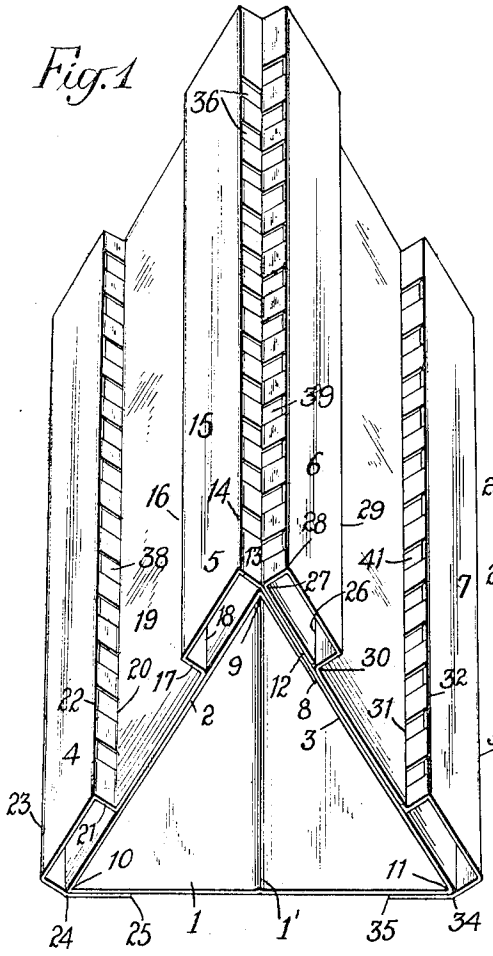
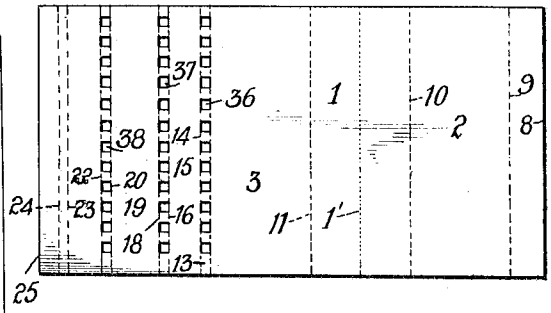


Fig. 2,



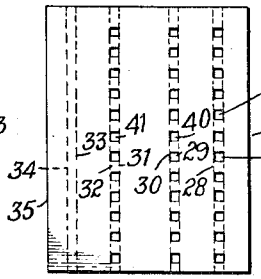


Fig. 3,

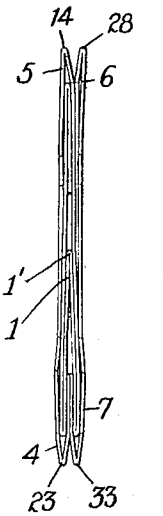
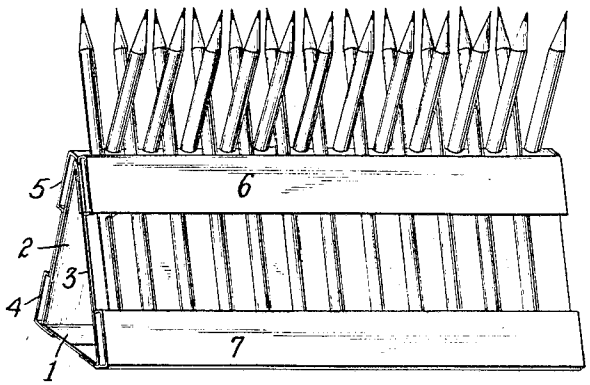


Fig. 4



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DISPLAY-STAND.

1,117,824. Specification of Letters Patent. Patented Nov. 17, 1914.

Application filed April 30, 1914. Serial No. 835,341.

To all whom it may concern:

Be it known that I, CLARENCE C. FLEMING, a citizen of the United States, residing at Amityville, in the county of Suffolk and State of New York, have invented certain new and useful Improvements in Display-Stands, of which the following is a specification.

My invention relates to a collapsible stand for displaying pencils and similar objects.

The object of my invention is to provide a device of this character having provisions for supporting and displaying a very considerable number of pencils or the like in an exceedingly compact manner and one in which they may be advantageously displayed and readily placed therein and removed therefrom, the device being inexpensive to manufacture, of pleasing appearance and collapsible so that various portions thereof lie substantially flat and parallel with each other for convenience in packing and transporting the same. This I accomplish by forming of cardboard or other material of the requisite stiffness and ability to be folded or creased, a stand which is triangular in cross-section, having members for holding the pencils arranged on the two side faces of the triangular stand so that the pencils or other similar objects positioned therein will be mounted in two rows, staggered in relation to each other and each parallel to the face of the stand upon which they are positioned. Preferably, I form the stand of two sheets of paper or cardboard, one of which has formed integral therewith a member or members for holding the pencils upon one side face of the device, this sheet also forming the base portion and two inclined side portions of the stand. The other sheet is secured to the other side face of the stand and has a similar member or members arranged to hold pencils in staggered relation to those held in the member or members on the other side face as stated.

In order that my invention may be more clearly understood, attention is hereby directed to the accompanying drawings forming part of the specification and illustrating the preferred embodiment of my invention.

In the drawings, Figure 1 is a perspective view of the device assembled in position to receive pencils or the like, Fig. 2 is a plan view of the two blanks of which the stand is formed shown on a reduced scale, Fig. 3 is an end view of the stand collapsed for shipment and Fig. 4 is a perspective view of the stand filled with pencils.

Referring to the drawings, the base portion 1, the inclined side-portions 2 and 3, the pencil-holding members 4 and 5 on the one side and 6 and 7 on the other side in my preferred device are formed as follows. The first or larger sheet is bent into triangular form beginning at the edge 8, the paper being creased as indicated at 9 to form the apex of the triangle and at 10 and 11 to form the base angles of the triangle. From the angle 11 the sheet extends as is indicated at 12 parallel to and about the flange of the sheet extending from the edge 8 to the apex 9, portion 12 of the sheet being glued or otherwise secured to this edge portion of the first sheet. From the apex 9, the sheet is bent outwardly to form a flange or portion 13 extending approximately at right angles to the side 2 for a distance beyond the side 2 slightly greater than the diameter of a lead pencil. Flange 13 is bent at the edge 14 to form a portion 15 extending parallel to side 2 to the edge 16 where the sheet is bent inwardly to form a portion 17 parallel to the portion 13. The sheet is again bent on the line 18 into parallel relation with the sheet 2. The portion 19 of the sheet extends from the line 18 to the line 20 parallel to sheet 2 to which it is glued or otherwise secured. At the edge 20, the sheet is again bent outwardly to form a portion 21 parallel to portions 13 and 17, thence from the line 22 to the line 23 parallel to the side 2 and then from the line 23 to the line 24 again parallel to surfaces 21 and 17 to the base angle 10 of the stand. From the crease 24 to the edge of the sheet at 25 a flange is formed which is glued or otherwise secured to the base 1 of the stand.

The pencil-holding members 6 and 7 on the other side face of the stand are then formed in the following manner. Beginning at the edge 26, the second sheet is secured to the side-member 3 to the line 27 which is substantially above the apex line 9 of the triangle and side by side with the base line of the surface 13 of member 5. From line 27 the sheet is bent outwardly to the line 28 at approximately a right angle to surface 3; from the line 28 the sheet extends to line 29, parallel with sheet 3, and from

line 29 the sheet extends inwardly substantially at a right angle to the side 3 to the line 30. From line 30 to line 31 the sheet is parallel to and is secured to the portion of the first sheet comprising side 3. From line 31 to line 32 the sheet again extends outwardly at a right angle to form the upper face of the lower pencil holding member on this side, the side face of this member 7 extending from line 32 to line 33 parallel to side 3, the sheet again being bent from line 33 to line 34 beneath base angle 11 of the triangle to form the lower side of member 7. From line 34 to the edge of the sheet at line 35 the sheet is secured to base member 1.

A series of openings 36 are formed in the upper flange 13 of member 5 through which pencils may be passed and a series of openings 37 in line therewith in the lower flange of member 5 as is shown in Fig. 2. There is also a series of similar openings 38 formed in the top flange of member 4 in line with openings 36 and 37. Similarly, openings 39, 40 and 41 are formed in the top and lower faces of member 6 and the top face of member 7 respectively, these openings being respectively in line with each other. The openings through the pencil-holding members on one side of the stand are positioned in line with the spaces between the openings in the members on the other side of the stand so that the pencils mounted in the stand, as shown in Fig. 4, will be in two rows staggered in relation to each other as shown. By this means, an exceedingly compact and effective device of the character referred to is formed. The paper of which sheets 2 and 3 is formed need be finished only on one side, since all the parts described have their exterior surfaces formed from the same sides of the sheets. Advertising or other matter may be printed on the side surfaces of the stand if desired. The base member 1 may be creased as at 1′, so that when the stand is collapsed the sides will all lie approximately parallel, as shown in Fig. 3, with the upper flanges of members 5 and 6 closely adjacent, and the lower members of members 4 and 7 closely adjacent.

Having now particularly described my invention, what I claim and desire to protect by Letters Patent is as follows:—

1. A display stand formed of two sheets of paper secured together in triangular form, one of said sheets being folded to form a base portion and two inclined side-portions, one of said side portions having holders extending outwardly therefrom formed by extending the opposite end of said sheet about said side-portion and securing it thereto in such manner as to provide outwardly extending flanges with openings therethrough, and the other of said side-portions having holders extending outwardly therefrom, formed by securing the second sheet to said second side-portion with one edge secured to the adjacent part of the base portion of said first sheet, and portions of said second sheet bent outwardly to provide flanges with openings therethrough, substantially as set forth.

2. A display stand formed of two sheets of paper secured together in triangular form, one of said sheets being folded to form a base portion and two inclined side portions, one of said side portions having box-like holders extending outwardly therefrom, adjacent the top and bottom edges, formed by extending one end of said sheet about said side portion and securing it thereto in such manner as to provide said outwardly-extending holders, the same having openings therethrough, and the other of said side portions having similar box-like holders extending outwardly therefrom, adjacent the top and bottom edges, formed by securing the second sheet to said second side portion, with the edges of said sheet secured to the upper portion and adjacent the lower edge, respectively, of said second side portion, substantially as set forth.

3. A display stand formed of paper bent and secured together to make a collapsible device of triangular form, having a base portion, adapted to be bent intermediate its side edges, and two inclined side portions, one of said side portions having box-like collapsible holders extending outwardly therefrom, adjacent its top and bottom edges, having openings extending therethrough, and the other side portion having similar holders extending outwardly therefrom, adjacent its top and bottom edges, formed by securing one end of a sheet adjacent the upper edge of said second side portion, bending the sheet outwardly, thence downwardly, thence inwardly to said side portion, securing said sheet to said side portion, below the said upper end of said sheet, and bending said sheet again outwardly to form a holder having openings therethrough adjacent the lower edge of said side portion, substantially as set forth.

This specification signed and witnessed this 27th day of April, 1914.

CLARENCE C. FLEMING.

Witnesses:
W. E. EDGERLEY,
ANGELO B. THOMAS.