Jan. 16, 1940. J. M. SHIELDS, JR 2,187,183

ORNAMENTAL BOX

Filed Dec. 28, 1936

Fig. 1

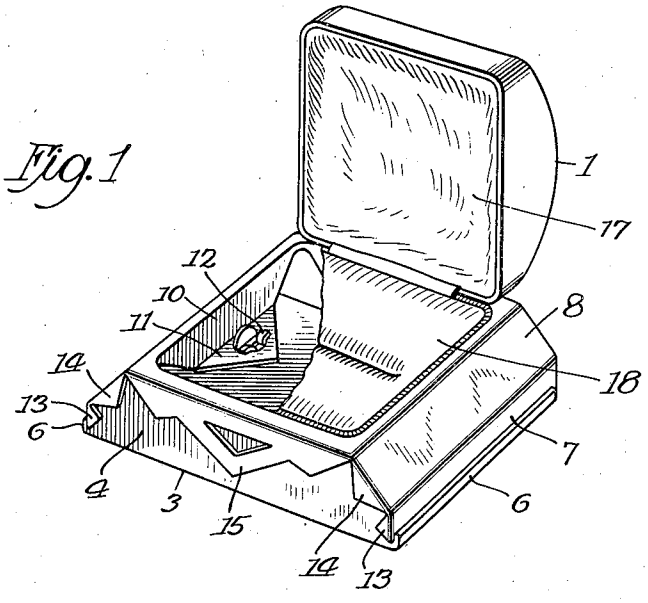


Fig. 2

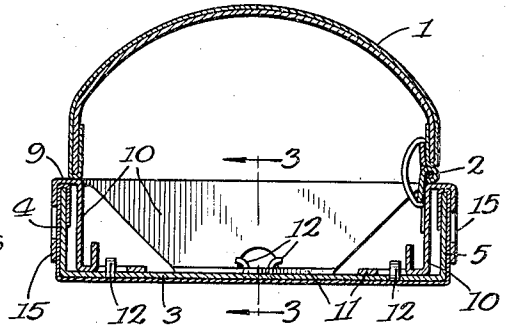


Fig. 3

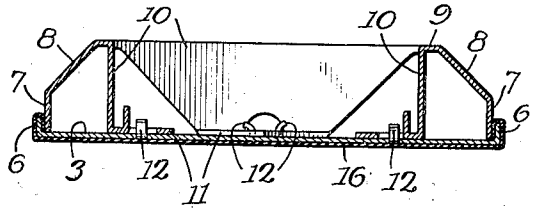


Fig. 4

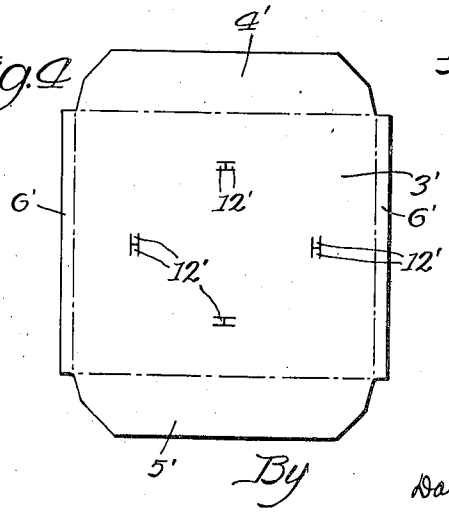
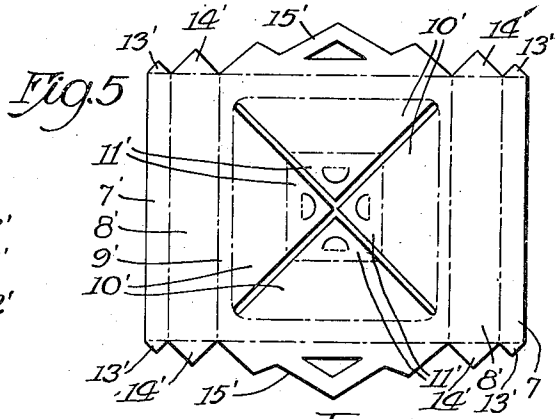


Fig. 5



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By Davis, Lindsey, Smith & Shouts Attys.

Patented Jan. 16, 1940

2,187,183

UNITED STATES PATENT OFFICE

2,187,183

ORNAMENTAL BOX

John M. Shields, Jr., Chicago, Ill., assignor to F. H. Noble & Co., Chicago, Ill., a corporation of Illinois

Application December 28, 1936, Serial No. 117,850

4 Claims. (Cl. 206—76)

My present invention relates to the construction of boxes formed of sheet metal, or other sheet material having like qualities, and has for its object the fabrication of a two-part box body or part having its portions so formed and constructed as to be readily cut from the sheet material with a minimum of waste and be quickly and easily assembled to form a novel box body of pleasing and desirable shape. With these objects in view I have devised and invented the novel box member illustrated in the accompanying drawing and hereinafter described in detail, the essential elements of my invention being more particularly pointed out in the appended claims.

In the drawing,

Figure 1 is a perspective of a jewelry box embodying my invention;

Fig. 2 is a central vertical section of the same in a plane running through the front and rear of the box;

Fig. 3 is a vertical section of the body portion, alone, in a plane indicated by the dotted line 3—3 of Fig. 2;

Fig. 4 is a plan view of the blank from which the lower member of the body is formed; and

Fig. 5 is a plan view of the blank from which the upper member thereof is formed.

Like reference characters indicate like parts in all the figures of the drawing.

My invention is particularly adapted for employment in constructing small, ornamental boxes, such as the finger ring box illustrated in the drawing, consisting of a base portion, to which my invention more particularly relates, and a cover member 1, connected to the body portion by a suitable hinge, such as the spring hinge 2 illustrated.

Describing now the base portion of the box, or the box body, the lower member of the base consists of a bottom wall 3, opposite front and rear walls, marked 4 and 5, respectively, and a pair of side flanges 6—6; bent up from a sheet metal blank or blank of other suitable material, formed as in Fig. 4, in which the sections from which such parts are formed are marked, respectively, 3', 4', 5' and 6', the lines of bend being indicated by dotted lines.

The upper member of the base is likewise formed of a blank of suitable material, the parts of which are indicated by the same numerals as the parts of the formed upper member, with the addition of a prime accent as a matter of distinction. This upper member consists of a pair of lower side wall sections 7—7, inclined side wall sections 8—8, a rectangular, horizontal bearing section or face 9, trapezoidal inner wall sections 10 extending downwardly from the bearing face at the sides and front and rear of the box, and triangular securing flaps 11 extending inwardly from the inner wall sections adjacent the bottom wall of the box and secured thereto,—preferably, as illustrated, by positive securing means, as the pairs of lugs 12 struck up from the bottom wall bent oppositely through orifices formed in the flaps, though in case the upper and lower members are snugly fitted together, a frictional engagement may be sufficient.

The ends of the side wall sections of the upper body member are formed with connected triangular flanges 13, and the inclined side wall sections are suitably formed with connected triangular flanges 14, while the front and rear edges of the face 9 are connected with opposite flanges 15—15, which, in the present instance, are ornamentally cut out and formed with angular points to present a pleasing pattern in contrast with the adjacent face of the front and rear walls of the lower body member immediately underlying it.

In order to give a neat ornamental finish to the box, which is essential to its commercial desirability and practical usefulness for its intended purpose, the upper and lower body members are preferably constructed so as to have pleasingly contrasted textures or colors. To this end, the lower member is provided with a facing sheet 16 of fabric, imitation leather, or other suitable material which, at the sides, extends around the flanges 6, which latter serve as means for confining the edge of the covering, and at front and rear the covering extends over the top edges of the front and rear walls and are confined underneath the triangular flanges 13 and 14, and the flanges 15 of the upper body member. The upper member of the box body is in the present instance uncovered, and may be understood to have a plated or enamel finish, though it, too, may be provided with an ornamental facing, if desired.

It will be understood that the box is designed to be finished with lining and display members, as the cover lining 17 and ring pad 18, in the usual manner.

It will further be understood that certain variations in the relative proportions and sizes and shapes of the parts may be made without departing from the true scope of my invention, as in the shape of the flanges at the front and rear of the box, and the contour and proportions of the side walls.

I claim:

1. A box body comprising a lower member

formed with a bottom wall and connected front and rear walls and side flanges, and an upper member formed with side wall sections fitting within said flanges and a horizontal bearing section connected to said side sections and inner wall sections continuous with said bearing section, said upper member including front and rear flanges formed on said side wall sections fitting over said front and rear walls of said lower member.

2. A box body comprising a lower member formed with a bottom wall and connected front and rear walls and side flanges, and an upper member formed with opposite side wall sections, the lower portions of said side wall sections and said side flanges of the lower member overlapping and being secured to each other, and also formed with a horizontal bearing section connected to said side wall sections and with vertical inner wall sections continuous with said bearing section and secured to said bottom section of the lower member, said upper member including front and rear flanges formed on said horizontal and side wall sections fitting over said front and rear walls of said lower member.

3. A box body comprising a lower member formed with a horizontal bottom wall and at its front and rear only with vertical outer walls, and an upper member formed on two opposite sides only with lower vertical side wall sections connected with the sides of said bottom wall of the lower member, and with upper inclined side wall sections, and also formed with a horizontal bearing section connected to said inclined sections, said upper member including front and rear flanges formed on said horizontal bearing section and said side wall sections fitting over and adjacent said vertical outer walls of said lower member.

4. A box body comprising a lower member formed with a horizontal bottom wall and at its front and rear only with vertical outer walls, and an upper member formed on two opposite sides only with side wall sections connected with the sides of said bottom wall of the lower member and also formed with a horizontal bearing section connected to said side wall sections and with vertical inner wall sections continuous with said horizontal bearing section, said upper member including also front and rear flanges formed on said horizontal bearing section and on said side wall sections fitting over and adjacent said vertical outer walls of said lower member.

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