Aug. 31, 1965 E. M. STOLARZ 3,203,552

DESK MOUNT

Filed Aug. 17, 1962

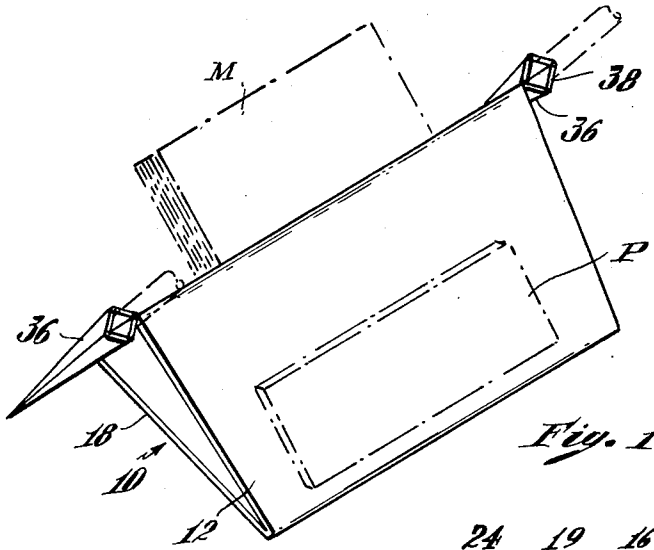


Fig. 1

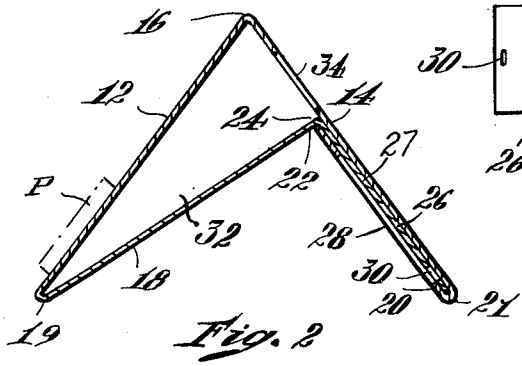


Fig. 2

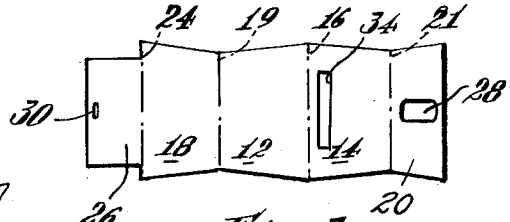


Fig. 7

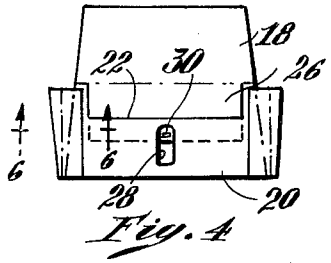


Fig. 4

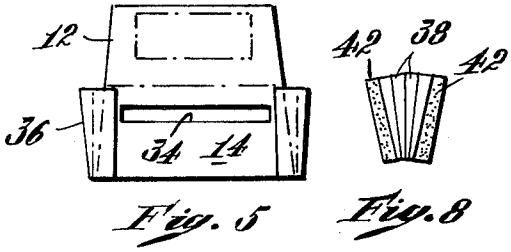


Fig. 5 Fig. 8

Fig. 3

Fig. 6

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United States Patent Office

3,203,552

Patented Aug. 31, 1965

3,203,552

DESK MOUNT

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Filed Aug. 17, 1962, Ser. No. 217,695

5 Claims. (Cl. 211—49)

This invention relates to desk mounts and has for its principal objects to provide a mount for supporting, in addition to a calendar pad, writing materials such as pencils, pens, memorandum pads, and the like, and to provide a mount which is of attractive appearance, easy to set up for use and to collapse for storage, sturdy and inexpensive to manufacture.

As herein illustrated, the mount comprises a pair of parts hingedly joined along adjacent edges for disposition of their distal ends in spaced relation to provide a substantially A-shaped support having front and back panels. An extension is hinged to the distal end of each panel and is folded inwardly between the panels, and there is means attaching end portions of the extension of the back panel to the inner side thereof. A tongue is hingedly connected to the distal end of the extension of the front panel and is slidably disposed between the back panel and its extension. The tongue is operative to hold the panels at an angle to each other and to hold the extension of the front panel at an angle thereto, such as to form a wedge-shaped pocket inclined upwardly and rearwardly with respect to the front of the mount. The back panel contains a substantially rectangular opening affording access to the pocket through which a memorandum pad may be thrust into the pocket. One or more additional circular openings may be provided for receiving writing implements. The extension of the back panel is narrower than the panel so that its distal edge is spaced from and parallel to the hinge joining the panels and contains an elongate opening. The tongue has a notch in it disposed behind the opening in the extension of the back panel by means of which the extension may be moved in a direction to draw it into abutting engagement with the edge of the extension of the back panel thereby to hold the panels at an angle to each other and to hold the extension of the front panel at an angle thereto, such that an item thrust into the pocket into engagement with the walls adjacent the dihedral angle at the junction of the walls will be frictionally engaged and held. Movement of the tongue in the opposite direction operates to dispose the panels and their extensions in parallel planes. Additional pockets for receiving and holding writing implements are secured to the opposite ends of the back panel and are in the form of quadrilateral pyramids disposed along the opposite ends in an upwardly and forwardly inclined position with reference to the front of the mount, which their bases adjacent the hinge connecting the panels and their apices adjacent the distal end of the back panel.

The invention will now be described in greater detail with reference to the accompanying drawings wherein:

FIG. 1 is a perspective view of the mount;

FIG. 2 is a vertical section of FIG. 1;

FIG. 3 is a section of the mount when collapsed, with the parts disposed in substantially parallel planes and showing in dotted lines movement of the parts into operative position;

FIG. 4 is a plan view, to much smaller scale, as seen from the left-hand side of FIG. 3;

FIG. 5 is a corresponding view as seen from the right-hand side of FIG. 3;

FIG. 6 is a transverse section taken on the line 6—6 of FIG. 4, showing an uncollapsed pocket;

FIG. 7 is a plan view of the blank; and

FIG. 8 is a plan view of an end pocket prior to folding for attachment to the end of the back panel.

Referring to the drawings, the mount 10 has parts 12 and 14 hingedly joined at their adjacent edges by means of a hinge 16 so that they may be disposed with their distal ends in spaced parallel relation to form an A-shaped support having front and back panels, the former being adapted to have attached to its face a calendar pad P, shown in dot and dash lines. At the distal ends of the panels 12 and 14, which are of stiff but resilient sheet paperboard, there are integral extensions 18 and 20. The extensions 18 and 20 are connected to the panels 12 and 14, respectively, by hinges 19 and 21, and are folded upwardly inside of the panels 12 and 14. The extension 18 constitutes a brace and the extension 20 an interior panel which forms the inner wall of a pocket as will appear hereinafter. The extension 20, intermediate its ends, is narrower than the back panel 14 so that, when folded against its inner side, its distal end 22 is spaced from and parallel to the hinge 16 and forms an inwardly projecting ledge 22. The opposite ends of the extension 20 are secured to the inner side of the panel 14, for example, by adhesive, and preferably a spacer 23 is interposed between the ends of the extension 20 and the panel 14 to afford a pocket 27 between them. The extension 18 corresponds substantially in width to the front panel 12 and has connected to its distal end, by means of a hinge 24, a tongue or keeper 26, the latter being slidably disposed between the back panel 14 and its extension 20, and being adapted to hold the extension 18 in angularly spaced relation to the front panel 12 by abutting engagement adjacent the hinge 24 with the ledge 22 formed by the distal end of the extension 20.

The extension 20 contains an elongate opening 28 substantially midway between its ends and the tongue 26 contains an opening 30 located behind the opening 28 which may be engaged by the finger to slide the tongue downwardly or upwardly between the back panel 14 and its extension 20 thereby to dispose the extension 18 at an angle to the front panel 12 or to move it into engagement therewith, as shown, for example, in FIG. 3. In the latter position, the panels and their extensions occupy substantially parallel planes suitable for shipping or storage.

When the extension 18 is disposed at an angle to the front panel 12 it provides a wedge-shaped pocket 32 inclined upwardly and rearwardly with respect to the front side of the mount. Access to the pocket is provided through an opening 34 in the back panel 14 of substantially rectangular shape for receiving a memorandum pad and holding it, as shown in FIG. 1, inclined rearwardly, substantially parallel to the front panel. The pad is thrust through the opening into the pocket 32 and is held therein by engagement of its lower end with the converging surfaces of the panel 12 and its extension 18. To insure a firm grip the mount is made of stiff, resilient sheet material and the extension 18 is disposed at an angle to the front panel 12 such that the end of a pad thrust into the dihedral angle between them will be gripped and held thereby. If desired, one or more additional openings may be made in the back panel 14 to permit writing implements to be inserted into the pocket. Preferably, however, a pair of holders 36—36 for writing implements are secured to the opposite ends of the mount so as to incline upwardly and forwardly relative to the front of the mount as shown in FIG. 1. Each holder is in the form of a pocket comprised of four triangular sections 38 connected edge-to-edge by a flexible sheet 40 of adhesive material to form a quadrilateral pyramid and is connected to an end edge of the back

panel 14 by portions 42 of the adhesive sheet 40 as shown in FIG. 6, with the open base of the pocket situated adjacent the hinge 16 and the apex situated adjacent the hinge 21. The open ends of the pockets are adapted frictionally to receive the ends of writing implements such as pencils or pens, either with the pointed end thrust into it, or with the opposite end thrust into it.

The mount is of very simple construction, the blank (FIG. 7) being adapted to be cut from strip material by feeding the strip to a pressing die. As there shown, the tongue 26, with its opening 30, is at one end and this is followed in sequence by the extension 18, the front panel 12, the back panel 14 and the extension 20, containing the slot 28. The fold lines are formed by scoring or embossing. The blank may be covered or uncovered as desired. The pockets 36 are formed independently as shown in FIG. 8 by sticking four triangular pieces 38 to a sheet of adhesive paper 40 and then bringing the margins 42 of the adhesive sheet together into engagement with the opposite surfaces of the opposite edges of the back panel 14.

While the parts 12 and 14, constituting the front and back panels, are shown herein as of corresponding length, the back panel 14 may be made narrower than the front panel 12 so that the slope of the front panel is less than that of the back panel 14. The extensions would, of course, have to be correspondingly altered in proportion to the change in length of the panels 12 and 14.

It should be understood that the present disclosure is for the purpose of illustration only and that this invention includes all modifications and equivalents which fall within the scope of the appended claims.

I claim:

1. A structure comprising exterior front and back panels hingedly connected along adjacent edges with their distal ends in spaced parallel relation, an interior panel connected to the lower edge of the back panel and extending upwardly therefrom parallel to the inner side of the back panel, said interior panel, in combination with the back panel, providing an interior pocket closed at the bottom and having an open top intermediate the top and bottom edges of the back panel, an inwardly projecting ledge constituted by the upper edge of the interior panel at the top of the pocket, said ledge being parallel to the top and bottom edges of the back panel, a brace hingedly connected at one end to the lower end of the front panel, said brace extending rearwardly therefrom diagonally between the front and back panels into abutting engagement with the inner side of the back panel at the level of the ledge and resting on said ledge, a keeper hingedly connected to the distal end of the brace, said keeper extending from the distal end of the brace into the pocket, said keeper, by frictional engagement within the pocket, being operative to hold the distal end of the brace engaged with the shoulder at a predetermined angular distance from the front panel, and the front and back panels at a predetermined angular distance relative to each other, said keeper being operative, by movement outwardly of the pocket, to dispose the brace against the inner side of the front panel and the front and back panels in a common plane, said back panel containing an opening through it above the shoulder upon which the distal end of the brace rests, said front panel and brace collectively defining a hollow receptacle inclined upwardly and rearwardly which is accessible through the opening in the back panel for supporting writing material in a rearwardly inclined position with its upper end projecting rearwardly therefrom, and said front panel affording a support for holding a calendar pad in a rearwardly inclined position.

2. A desk mount according to claim 1, wherein the extension of the back panel contains an opening and said keeper has a finger hole situated within the opening by means of which the keeper may be moved to draw the panels into angular relation to each other or to dispose them in substantially parallel planes.

3. A desk mount according to claim 1, wherein there are holders at opposite ends of the back panel secured to the end edges thereof, each holder comprising a hollow quadrilateral pyramid arranged with its base adjacent the hinge connecting the panels and with its apex adjacent the distal edge of the back panel.

4. A desk mount according to claim 1, wherein there are holders secured to the end edges of the back panel so as to incline upwardly and forwardly with respect to the front panel, said holders being adapted to receive the ends of writing implements.

5. A desk mount according to claim 1, wherein a holder is attached to each end edge of the back panel, each holder being in the form of a quadrilateral pyramid comprised of triangular parts joined edge-to-edge by a flexible binder sheet, the edge portions of which are adhesively secured to the front and rear sides of the end edges of the back panel.

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