Jan. 29, 1957 P. R. TOUNEY 2,779,313

INKSTAND

Filed Jan. 14, 1955

FIG. 1.

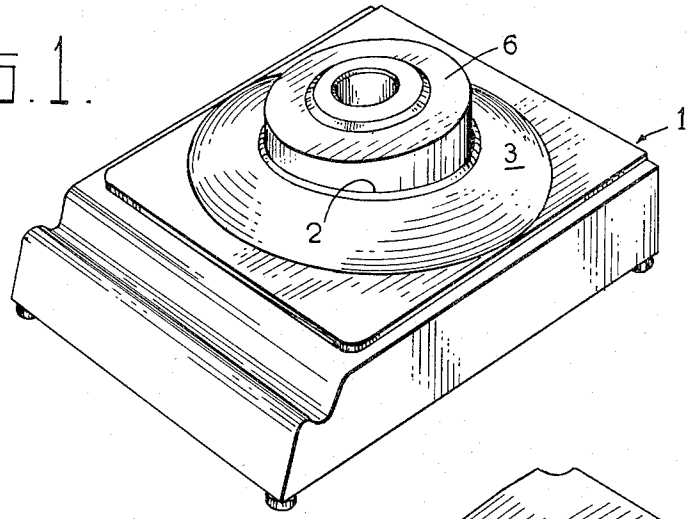


FIG. 3.

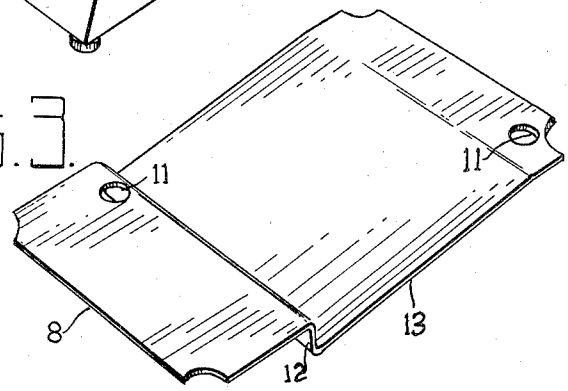
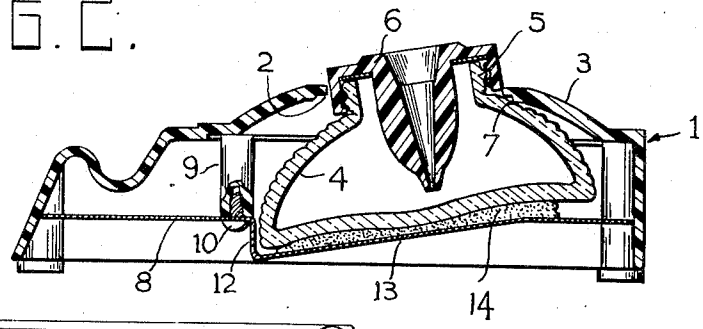


FIG. 2.



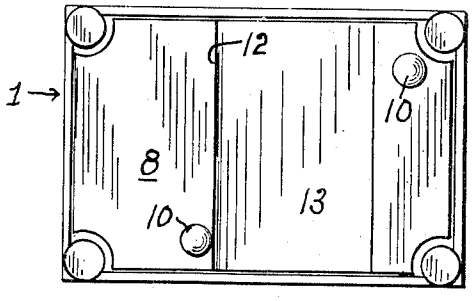


FIG. 4.

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INKSTAND

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3 Claims. (Cl. 120—73)

This invention relates to inkstands, and has for an object the provision of an improved stand of this character, of simple and inexpensive construction and adapted to hold an ink bottle in a manner that shock thereof is cushioned should the stand with the bottle therein fall onto a floor or the like, thus preventing or at least lessening liability of breakage or other damage to the bottle, which customarily is of glass.

Another object of the invention is the provision in an inkstand, of simple and efficient means not only for cushioning shock on the associated ink bottle occasioned by falling or rough usage but which will also hold the bottle in forwardly inclined position to facilitate dipping a pen therein.

Another object of the invention is to permit the use of glass bottles in stands of this character in place of bottles of plastic or other materials resistant to easy breaking, the latter being objectionable due to chemical action that takes place and the resultant obnoxious odor when ink comes in contact with the plastic forming the bottle.

Further objects and advantages of the invention will be apparent from the following detailed description, and from the accompanying drawings illustrating one embodiment thereof, and in which—

Fig. 1 is a top perspective view of an inkstand embodying the invention, with an ink bottle in usable position therein;

Fig. 2 is a central vertical longitudinal section thereof;

Fig. 3 is a perspective view of the yielding ink bottle supporting member of the stand, and

Fig. 4 is a reduced bottom view with the bottle supporting member and bottle removed.

Referring to the drawings, 1 designates an inkstand customarily molded from resinous material and, in the present instance, being generally of rectangular shallow hollow box form, with its bottom open and with an opening 2 in its top. This opening has an annular rim 3 that is concavo-convex in cross-section for the cap top of an ink bottle 4 to project through. The bottle 4 is preferably of glass to prevent the objectionable chemical action which takes place between the ink in a resinous plastic container when the latter is used.

The bottle 4, which is yieldingly supported in the stand as hereinafter described, has its neck 5 and its non-spilling dip cap 6, that is threaded thereon, projected through the stand opening 2. The extent of such projection is limited by the flaring body of the bottle bearing against the inner free marginal edge portion of the rim 3, as at 7. The bottle is supported in this position by a bottom plate 8 which is of thin sheet material of a yielding nature, such for instance as sheet aluminum. This bottom plate is preferably of a size and shape to fit within the stand 1 and to bear upward against two diagonally spaced studs or

bosses 9 depending, in the present instance, from the top of the stand. One stud is located within one of the rear corners of the stand and the diagonally opposite stud is located forwardly of the opening 2, and both studs adjacent to the outer marginal edge of the annular rim portion 3. The bottom plate 8 is held in position within the stand and against the studs 9 by screws 10 which project through apertures 11 in the plate and thread into the studs.

The bottom plate 8 intermediate its ends, and preferably immediately at the rear of the front stud 9, is angled or stepped down, entirely across the plate, as at 12, to substantially the bottom plane of the stand 1 and then has a gradual slope upward and rearward to near the rear edge of the plate, as shown at 13. The angled part 12 is adjacent the front bottom edge of the bottle, and the slope 13 is beneath the bottle and serves as a yieldable support therefor. This slope also serves to support the bottle in a slightly forwardly inclined position to facilitate dipping a pen therein.

A plastic 14, preferably of an adhesive nature, is placed between the bottom of the bottle 4 and the plate incline 13 to assist in the cushioning of the bottle against shock. This plastic also serves as a yielding filler between said parts whereby when the plate 8 is seated against the studs 9 the body of the bottle, adjacent to the neck, will be held firmly against the marginal edge wall of the inkstand opening 2. The plastic 13 also serves to compensate for variation in size of the ink bottles so that seating of the bottle against the marginal edge of the opening 2 is insured when the bottom plate 8 is mounted in the bottom of the stand.

I wish it understood that my invention is not limited to any specific construction, arrangement or form of the parts, as it is capable of numerous modifications and changes without departing from the spirit of the claims.

I claim:

1. An inkstand comprising a box-like stand with an open bottom and a restricted opening in its top, a bottom plate of pliant sheet material mounted in said open bottom of the stand for supporting an ink bottle and yieldingly hold it against the top of said stand with its neck projected through said top opening, the bottle supporting portion of said plate being inclined upwardly and rearwardly to impart a forward incline to the ink bottle.

2. An inkstand comprising a box-like stand with an open bottom and a restricted opening in its top, a bottom plate of pliant sheet material mounted in said open bottom of the stand for supporting an ink bottle within and yieldingly holding it against the top of said stand with its neck projecting through said top opening, said stand having two interiorly disposed diagonally spaced abutments upwardly against which said bottom plate seats with one abutment located within one of the rear corners of the stand and with the other abutment located forwardly of said top opening, and means releasably securing said plate to said abutments.

3. A combination as called for in claim 2, wherein the plate is transversely depressed rearwardly of and adjacent to the forward abutment and is inclined upwardly and rearwardly from such depression to impart a forward incline to the ink bottle.

References Cited in the file of this patent

UNITED STATES PATENTS

535,571	Carter	Mar. 12, 1895
647,841	Jones	Apr. 17, 1900
822,725	Drinkwater	June 5, 1906