

Oct. 10, 1939.

F. M. ASHLEY

2,175,658

INKSTAND SET

Filed April 20, 1938

Fig. 1.

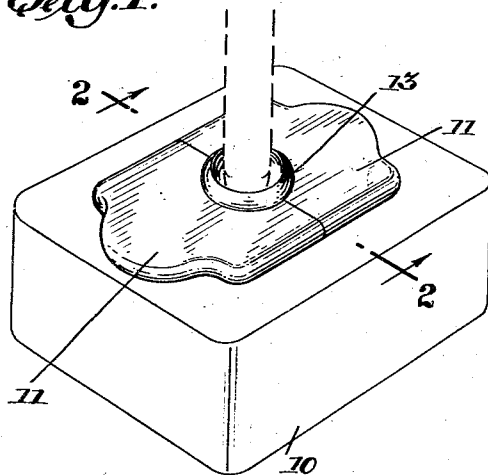


Fig. 2.

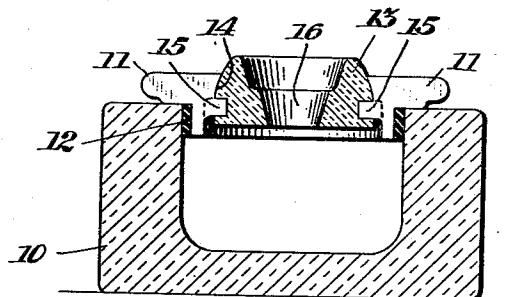


Fig. 3.

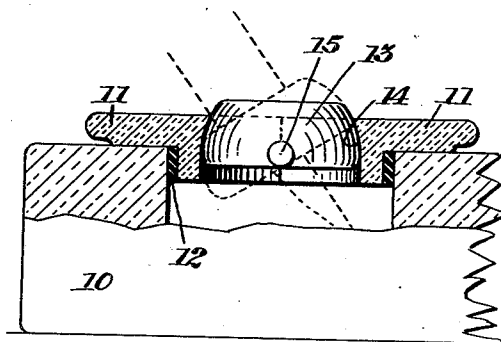
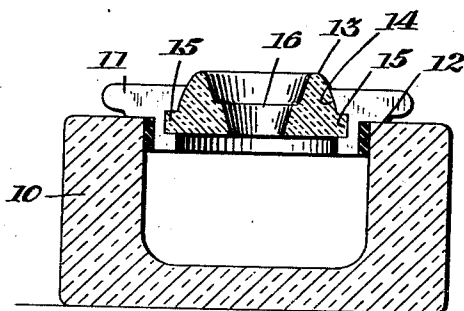


Fig. 4.

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UNITED STATES PATENT OFFICE

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INKSTAND SET

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4 Claims. (Cl. 120—4)

My invention relates to inkstand sets.

The object of my invention is to provide an inkstand constructed to hold a pen-holder in such a manner as to permit the pen-holder to rest in a vertical position therein or at an angle to the vertical position while the pen is immersed in the ink, and movable thru the instrumentality of the pen-holder.

A further object is to provide a construction which will hold the pen-holder at the required angle when adjusted in the selected position, regardless of the weight of the pen-holder.

Referring to the drawing which forms a part of the specification:

Fig. 1 is a perspective view of an inkstand embodying my invention, with a pen-holder illustrated in dotted lines, supported therein in a vertical position.

Fig. 2 is a vertical sectional view showing the two-part cover formed with inwardly projecting supports, and a tiltable portion supported thereby and formed to hold the pen-holder.

Fig. 3 is a vertical sectional view showing the cover portions formed to provide recesses to receive outwardly projecting pintles which are movable in said recesses or bearings.

Fig. 4 is a sectional view thru the cover portion and illustrating in dotted lines the pen-holder resting at an angle to the vertical position.

10 indicates the body portion of the inkstand which in the present case is shown as formed of glass or vitreous material and the well therein as circular in form.

11—11 respectively indicate two similar half portions forming the cover, said portions being held together and in fixed position in the body portion by a rubber ring 12.

13 indicates the pen carrying portion, the outer surface of which is formed spherical to fit loosely into a socket formed to receive it in the cover portions, and indicated by 14.

It is not necessary that the socket portion should be formed to conform to the form of the outer surface of the part 13 except that the top edge should be circular and contact the spherical surface of part 13 to exclude dust and air.

In Fig. 3 the pintles 15 are formed integral with the part 13, whereas in Fig. 2 they are formed integral with the cover portions and in both forms they serve the same function.

The ends of the pintles extend into abutting relation with the adjacent ends of the sockets in which they are seated and are under pressure due to the clasp action of the ring 12 and this pressure causes a frictional engagement which

holds the tiltable dip-cup portion 13 in its adjusted position of rest from which position it may be moved by pressure applied to the pen-holder, but the weight of the pen-holder when resting on an angle will not move the dip-cup 13.

The drawing illustrates the cover and dip-cup portions as made of glass or porcelain which materials are acid proof and suitable for use with ink containers and are low in cost; however, in some cases I prefer to use soft vulcanized rubber for the dip-cup portion when the stand is to be used for holding India ink for use by draughtsmen, for the reason that the soft rubber permits a more perfect joint with the pen-holder to exclude air from the reservoir.

The pen-holders used with these stands are formed to fit into the conical dip 16 in air-tight relation.

The upper end of the portion 13 extends but slightly above the top of the cover and presents a limited surface for dust to collect thereon.

While I have shown the pintles as formed integral with the cover or with the dip-cup portion, the specific construction may be changed in this respect without departing from the invention disclosed herein.

Having thus described my invention I claim as new:

1. An inkstand comprising a body portion, a cover portion, and a dip-cup portion, sockets formed in one member and pintles in the other whereby the dip-cup portion may be tilted to support a pen-holder at an angle to a vertical line by friction between the two members.

2. The construction defined in claim 1, together with, means for holding the dip-cup portion in clasped relation with the cover portion to prevent the dip-cup portion from freely swinging on said pintles.

3. An inkstand comprising a body portion, a two-part cover portion, and a dip-cup portion, one of said portions having pintles on which said dip-cup portions may rest, and means for holding said cover portions together in abutting relation with said dip-cup portion.

4. An inkstand comprising a body portion, a cover portion and a dip-cup portion, said dip-cup portion formed with a spherical upper surface adapted to contact the cover portion below its top to close the inkstand; sockets formed in one of said members and pintles in the other on which said dip-cup portion is carried and held by friction between the two parts to support a pen-holder at an angle to a vertical line.

FRANK M. ASHLEY.