

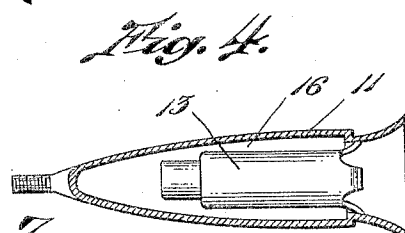
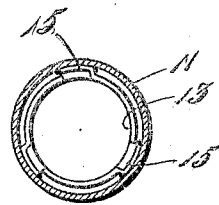
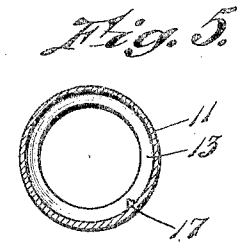
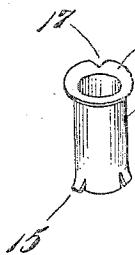
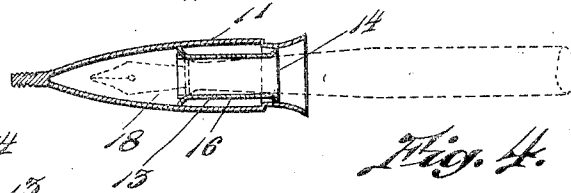
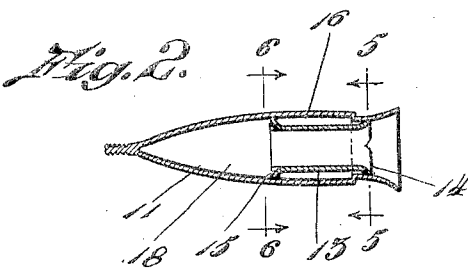
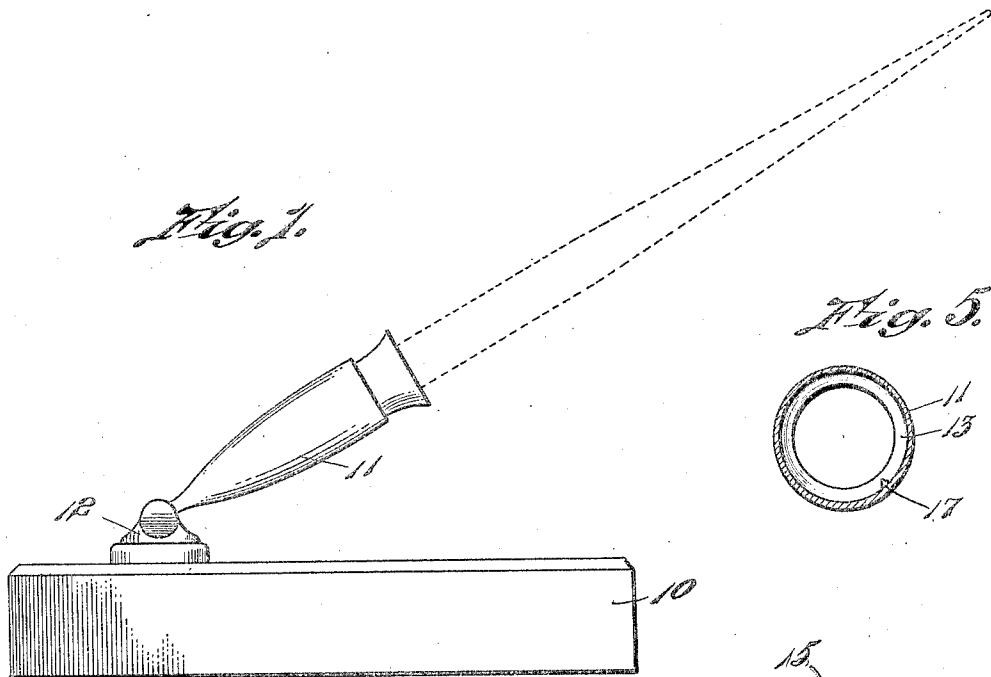
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D. V. BOWEN

1,842,503

PENHOLDER FOR WRITING INSTRUMENTS

Filed April 8, 1931



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UNITED STATES PATENT OFFICE

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PENHOLDER FOR WRITING INSTRUMENTS

Application filed April 8, 1931. Serial No. 528,669.

This invention relates to an improvement in desk stands; and has for its object to provide in this stand a sleeve having a bushing of a size to receive and fit the writing instrument.

support the pen or writing instrument and it is also found of advantage to provide in this sleeve a bushing member of a diameter to receive, fit and support the point end of

A further object of the invention is to provide a tubular bushing in the sleeve having laterally extending portions adjacent both of its ends by which the bushing is supported in the sleeve, both of said laterally extending portions having air vents through them whereby a circulation of air is admitted to the inner end of the sleeve member.

This bushing may be made in different sizes to fit different diameters of pens and it is also found of advantage to support this bushing at both its inner and outer ends in its sleeve and also to provide air passageways between the bushing and the sleeve so as to permit free circulation of air to the inner chamber when the pen point is housed therein; and the following is a detailed description of the present embodiment of my invention showing one means by which these advantageous results may be accomplished:

With these and other objects and advantageous features in view, the invention consists of novel arrangements of parts more fully disclosed in the detailed description following, in conjunction with the accompanying drawings, and more particularly set forth in the appended claims.

With reference to the drawings, 10 designates a base for the support of the writing instrument receiving sleeve 11 which is herein shown as being mounted to receive a universal movement in the support 12. This sleeve is preferably formed in a substantially trumpet shape and of metal and in this sleeve I have positioned a bushing member 13, which bushing is provided with an annular flange 14 at its outer end and laterally extending members 15 at its inner end, each to extend into engagement with portions of the sleeve to support this bushing at both of its ends therein. This bushing is preferably of a length considerably less than that of the sleeve and is of a diameter considerably less than the inner diameter of the sleeve so that an air venting passageway 16 is provided between the body of the bushing and the inner wall of the sleeve also these supporting flanges or lateral extensions on the ends of the sleeve are preferably notched as at 17 in the flange 14 and also provided with spaces between the extending portions 15 whereby air may circulate freely to the inner chamber 18 of the sleeve so that a vacuum will not be caused by the withdrawing of the pen from the bushing which may have the effect of pumping the ink to the end of the pen point, which effect it is desired to prevent.

In the drawings:

Fig. 1 is a side elevation of my improved desk stand showing the pen in dotted lines as mounted in the sleeve member thereof;

Fig. 2 is a sectional view of the sleeve removed from the stand and showing the bushing as being supported at both of its ends in the sleeve;

Fig. 3 is a perspective view of the bushing removed from the sleeve;

Fig. 4 is a view of the bushing mounted in the sleeve and a pen in dotted lines mounted in the bushing;

Fig. 5 is an enlarged view sectioned on line 5—5 of Figure 2 showing a flaring or flanged end of the bushing and this flange as being notched to provide an air passageway therethrough;

Fig. 6 is a section on line 6—6 of Figure 2, showing the inner end of the bushing as provided with laterally extending portions for supporting the inner end of this bushing from the side walls of the sleeve;

Fig. 7 shows the sleeve as having a bushing supported at one end only and having an air passageway between it and the sleeve.

It is found in the practical construction and operation of desk stands of this character of advantage to provide a metal sleeve member which is constructed to receive and

My improved construction of pen support is very simple and practical and by its use

the pens of different sizes may be firmly supported in its holder and yet an air passageway is provided to the inner end of the sleeve to prevent a pumping effect on the pen upon being withdrawn from its holder.

The foregoing description is directed solely towards the construction illustrated, but I desire it to be understood that I reserve the privilege of resorting to all the mechanical changes to which the device is susceptible, the invention being defined and limited only by the terms of the appended claims.

I claim:

1. In a desk stand, a base, a sleeve member mounted on said base, a tubular bushing in said sleeve having an outer surface spaced from the inner surface of said sleeve and having a bore of a size to receive and fit the end portion of a writing instrument, said bushing having a laterally projecting portion extending into engagement with the walls of the sleeve and said bushing having an air vent along its length between it and the sleeve in which it is mounted, whereby a pen mounted in said sleeve is in communication with the outside air.

2. In a desk stand, a base, a sleeve member mounted on said base, a tubular bushing in said sleeve having an outer surface spaced from the inner surface of said sleeve and having a bore of a size to receive and fit the end portion of a writing instrument, said bushing having laterally extending portions adjacent its opposite ends extending into engagement with the walls of the sleeve, both of said laterally extending portions having air vents through them.

3. In a desk stand, a base, a sleeve member mounted on said base, a tubular bushing in said sleeve of a size to receive and fit one end portion of the writing instrument, said bushing having its body portion spaced from the sleeve along its length to form an air passageway along the side of the bushing and having portions extending laterally from its opposite ends into engagement with the walls of the sleeve to support the bushing at both ends in the sleeve, said air passageway permitting communication between a pen mounted in said bushing and the outside air.

4. In a desk stand, a base, a sleeve member mounted on said base, a tubular bushing mounted in said sleeve of a size and shape to receive the end portion of a writing instrument, said bushing being of a length and diameter less than that of the sleeve, the opposite end portions of the bushing being flanged to extend laterally into engagement with the inner walls of the sleeve and said flanges being notched to provide an air passageway into the inner end of the sleeve past the bushing.

5. In a desk stand, a base, a sleeve member mounted on said base, a tubular bushing in

said sleeve and of a smaller diameter than the sleeve, means holding the bushing in place in the sleeve with its wall spaced inwardly from the wall of the sleeve and with its inner end spaced from the inner end of the sleeve, said bushing being adapted to hold a pen therein with the point of the pen projecting beyond said inner end of the bushing into the space between said inner ends of the bushing and of the sleeve, means forming a vent connecting said space with the space between said walls of the sleeve and of the bushing, and means forming a vent connecting said last named space with the atmosphere.

6. In a desk stand, a base, a sleeve member mounted on said base, a tubular bushing in said sleeve, means holding the bushing in place in the sleeve with its inner end spaced from the inner end of the sleeve, said bushing being adapted to hold a pen therein with the point of the pen projecting beyond said inner end of the bushing into the space between said inner ends of the bushing and of the sleeve and means forming a vent connecting said space with the atmosphere.

In testimony whereof I affix my signature.

DANIEL V. BOWEN

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