

July 3, 1928.

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J. A. FREMON ET AL
FOUNTAIN PEN DESK STAND

Filed Sept. 17, 1926

Fig. 1

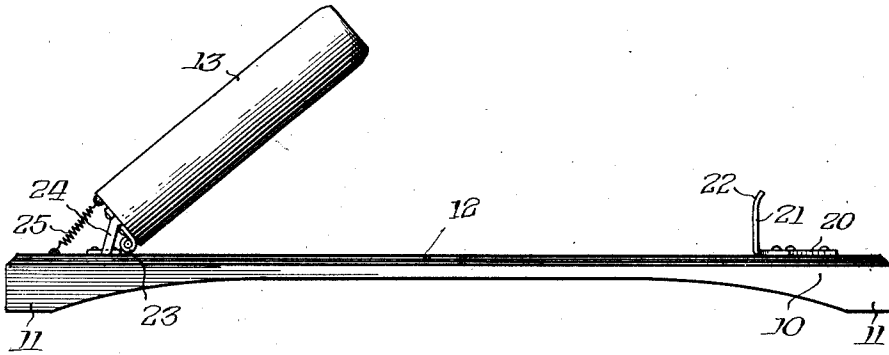


Fig. 2

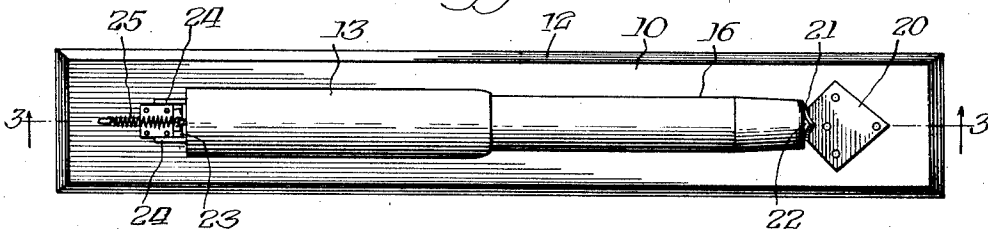
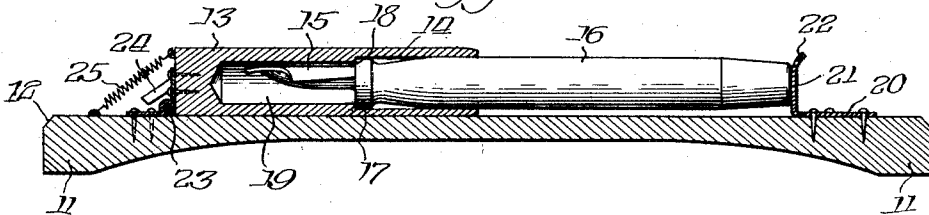


Fig. 3



Witness:

Ed. C. Brown

Inventor
JULES A. FREMON ^{and}
AVERY S. DE HAVEN

By Jones, Addington, Ames & Hitchell Attys

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UNITED STATES PATENT OFFICE.

JULES A. FREMON AND AVERY S. DE HAVEN, OF LEEPER, MISSOURI, ASSIGNORS TO
W. A. SHEAFFER PEN CO., OF FORT MADISON, IOWA, A CORPORATION OF DELA-
WARE.

FOUNTAIN-PEN DESK STAND.

Application filed September 17, 1926. Serial No. 136,074.

This invention relates to fountain pen desk stands and it has special reference to a fountain pen desk stand comprising a base provided with a pivotal receptacle and means for securing a fountain pen therein.

More particularly, this invention relates to a fountain pen desk stand comprising a base provided with a pivotal receptacle and means for securing a fountain pen therein whereby, when the fountain pen is in use, said pivotal cap will occupy a position which is readily accessible for the return of said fountain pen thereinto, and when said fountain pen is not in use, said securing means will positively secure said fountain pen in said receptacle.

By permitting air to contact with the writing point of a fountain pen for a comparatively short time, while the pen is not in use, the ink will dry and impede the flow thereof when starting to write. In order to facilitate the flow of ink from the pen, it is desirable to provide an air-tight chamber around the writing point of the pen when not in use. When the writing point of the fountain pen is inserted into the chamber and said fountain pen is allowed to rest in a substantially horizontal position, it is necessary to provide a means for insuring a positive relation between said pen and said chamber in order that a sealed relation exists therebetween. It is impractical and undesirable, particularly in instances where a fountain pen is in constant use, to provide screw threads or frictional means to secure this desired sealed relation, since it obviously causes trouble and delay each time the fountain pen is used.

The present invention provides a spring member secured to a base for normally urging the fountain pen into an opening in a receptacle, a shoulder on said fountain pen engaging a seat formed in said receptacle thereby providing a sealed chamber around the writing point of said fountain pen.

Moreover, when said fountain pen is in use, it is advantageous for the receptacle to occupy a certain position whereby it will be readily accessible for the return of said fountain pen therein, and for this reason said receptacle is provided with a pivotal means and a spring-tensioning means, said latter means serving to hold the receptacle

normally in a properly inclined position when said receptacle is not in use as a sealing chamber. 55

One of the objects of this invention is to provide a fountain pen desk stand of the character hereinbefore indicated which will be durable, and inexpensive to manufacture. 60

A further object of this invention is to provide a fountain pen desk stand as above described for securing said fountain pen in a positive position in said receptacle.

A further object of this invention is to provide a fountain pen desk stand of the character indicated hereinbefore in which means are provided for automatically sealing the writing point of said fountain pen in the receptacle. 65 70

A further object of this invention is to provide a fountain pen desk stand as mentioned above in which the fountain pen will occupy a horizontal position when not in use and placed in said stand. 75

A further object of this invention is to provide a fountain pen desk stand as heretofore described whereby when the fountain pen is in use, the receptacle will occupy a position which is readily accessible for the return of said fountain pen. 80

Further objects and advantages will be apparent from the description and drawings forming a part of this specification to which reference may now be had for a more complete understanding of the characteristic features of this invention, in which drawings: 85

Figure 1 is a side elevational view of the desk stand with the fountain pen removed therefrom; 90

Figure 2 is a top plan view of the same showing the fountain pen in position thereon; and

Figure 3 is a central sectional view taken on the line 3—3 of Fig. 2. 95

Referring more particularly to the drawings, a base 10 is shown which comprises an elongated member having a flat top and a recessed portion underneath, which recessed portion provides suitable resting points or feet 11. This base may be made of clear crystal plate glass, statuary bronze metal, wood, hard rubber, or other suitable substances, and may also be formed into any desired shape. The edges 12 of the base may 100 105

be bevelled and various designs or scrolls may be reproduced thereon for ornamental effects.

A tubular member or receptacle 13 is pivotally mounted near one end of the base 10 and has an opening 14 therein into which the writing point 15 of the fountain pen 16 is inserted. The fountain pen 16 is provided with a collar 17 adjacent the writing point 14, which collar engages a shoulder 18 formed by the reduced extension 19 of the opening 14, and which reduced opening in turn, provides the air-tight chamber necessary to prevent the drying of the ink on the pen.

Although the drawing shows a square shoulder by reason of the abrupt meeting of the reduced opening or chamber 19 and the opening 14, it is to be understood that a sealing means may be also provided by a gradual or less abrupt meeting of said chamber and opening, which, of course, would provide a bevelled or tapered shoulder.

In order to secure the collar 17 positively against the shoulder or seat 18, a spring member is mounted near the end opposite that of the receptacle 13 and comprises a flat base portion 20 suitably secured to the base 10 and having a vertically extending member 21 for engagement with the end of the fountain pen 16. The upper end of said vertical member 21 is bent back as at 22 in order to facilitate the introduction of the fountain pen between said pivotal receptacle member and the spring securing member.

The means for pivotally connecting the receptacle 13 to the base 10 comprises a hinge member 23, one leaf of which is secured to said base and the other leaf of which is secured to said receptacle. The latter leaf member has a pair of extensions 24, one on each side thereof, and preferably integral therewith, for limiting the movement of the receptacle, said extensions contacting with said base when in a raised position.

When the fountain pen is in use and removed from the desk stand, it is desirable that the receptacle 13 assume a position in which it will be readily accessible for the insertion of the fountain pen. For this purpose, one end of a coil spring 25 is secured to the base 10 and extends therefrom to be secured to the upper portion of the end of the receptacle 13. By this means, the spring normally urges the receptacle upwardly until the extensions 24 engage the base 10, and the receptacle rests in this inclined position as shown in Fig. 1 of the drawing.

When it is desired to replace the fountain pen in the desk stand, said fountain pen is inserted in the opening of the receptacle and moved downwardly into engagement

with the vertical member 21 of the spring member, whereupon the latter member urges the collar 17 against its seat 18 and holds the fountain pen in a horizontal position, as shown in Fig. 3 of the drawings. In this manner, it will be noted that a single downward movement of the barrel of the fountain pen into engagement with the spring member 21, as if by placing said fountain pen on a desk or other resting place, will automatically seal the writing point 15 of the fountain pen in the chamber 19, the action of the spring member 21 giving the fountain pen its lateral movement.

It is to be understood that in the type of desk stand which has been here illustrated and described, it has been the purpose and endeavor to indicate as general a construction as feasible so that one skilled in the art may readily and conveniently construct various modifications for embodying the broad features of this invention. For example, various means which are old in the art may be used for urging the receptacle 13 into an inclined position and may, if desired, be a spring hinge having a coil spring wound around the pivotal shaft which may be quite as effective as the means described, and in addition add to the appearance of the device. Further, the extensions 24 may be replaced with lugs cast integrally with the receptacle, while various spring tensioning means may be employed for pressing against the end of the fountain pen for urging the collar 17 against its seat 18 thereby holding said fountain pen in readiness for use.

While but a single embodiment of this invention is herein shown and described, it is to be understood that this invention is not to be limited to that specific structure, but is to be limited only by the scope of the appended claims and the prior art.

We claim:

1. In a fountain pen desk stand, a base adapted to be placed on the top of a desk, a receptacle pivotally mounted at the closed end thereof on said base for receiving the writing point of a fountain pen and having a seat therein to support one end of the body of said fountain pen whereby said writing point is sealed apart from the atmosphere, and automatic means for urging said fountain pen into said sealed position.

2. In a fountain pen desk stand, a base adapted to be placed on the top of a desk, a receptacle pivotally mounted at the closed end thereof on said base for receiving the writing point of a fountain pen and having a seat therein to support one end of the body of said fountain pen whereby said writing point is sealed apart from the atmosphere, and automatic means mounted on said base for urging said fountain pen into said sealed position.

3. In a fountain pen desk stand, a base

adapted to be placed on the top of a desk, a receptacle pivotally mounted at the closed end thereof on said base for receiving the writing point of a fountain pen and having
5 a seat therein to support one end of the body of said fountain pen whereby said writing point is sealed apart from the atmosphere, and spring means mounted on said base for
10 automatically urging said fountain pen into said sealed position.

4. In a fountain pen desk stand, a base adapted to be placed on the top of a desk, a receptacle pivotally mounted at the closed end thereof on said base for receiving the
15 writing point of a fountain pen and having a seat therein to support one end of the body of said fountain pen whereby said writing point is sealed apart from the atmosphere, and a substantially L-shaped spring member
20 secured at the lower end thereof to said base

for automatically urging said fountain pen into said sealed position.

5. In a fountain pen desk stand, a base adapted to be placed on the top of a desk, a
25 receptacle pivotally mounted at the closed end thereof on said base for receiving the writing point of a fountain pen and having a seat therein to support one end of the body of said fountain pen whereby said writing
30 point is sealed apart from the atmosphere, automatic means for urging said fountain pen into said sealed position, said pen occupying a substantially horizontal position on said base, and spring means for holding
35 said receptacle in an inclined position when said fountain pen is removed.

In witness whereof, we have hereunto subscribed our names.

JULES A. FREMON.
AVERY S. DE HAVEN.