

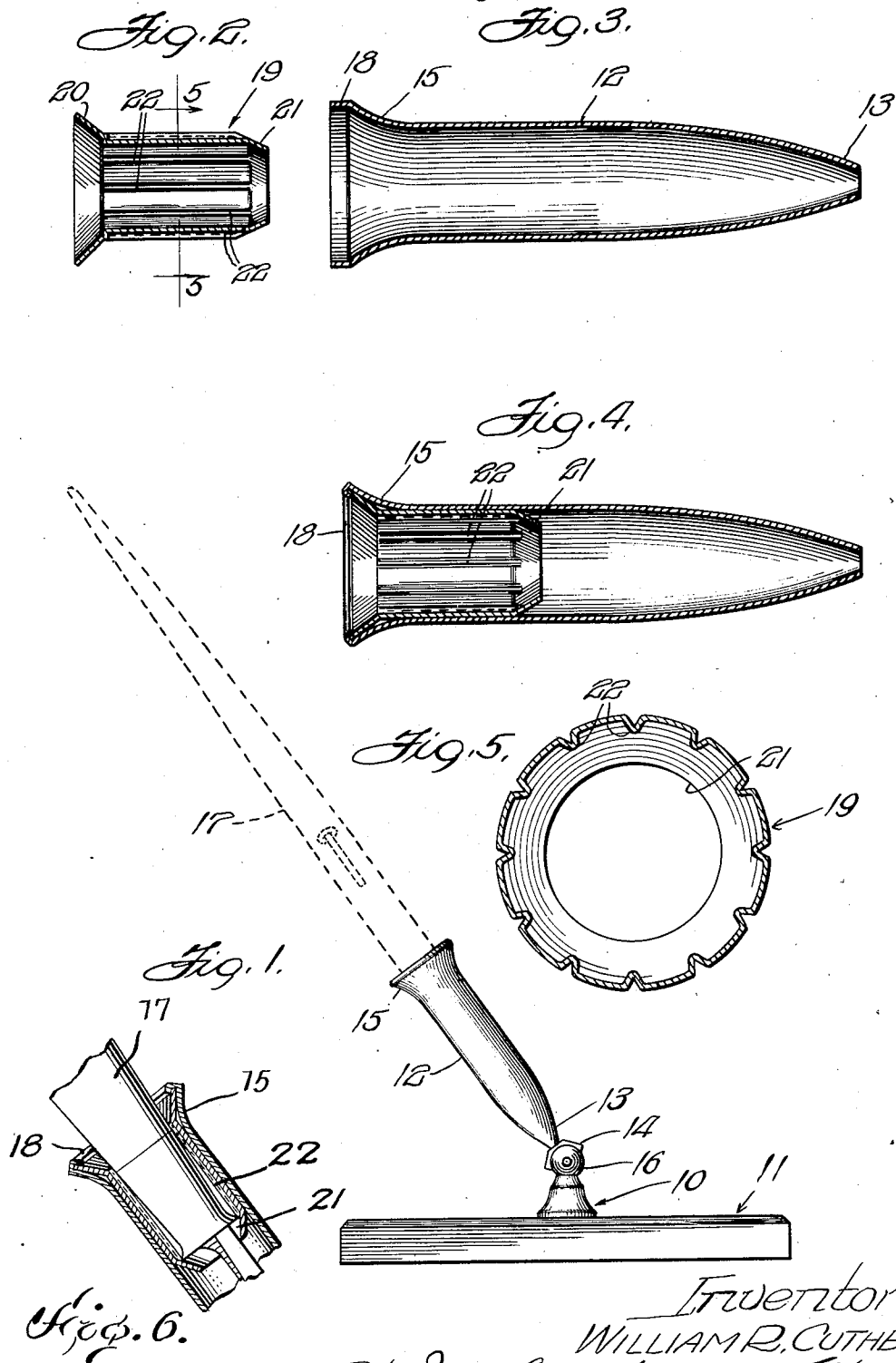
Jan. 30, 1934.

W. R. CUTHBERT

1,944,927

HOLDER FOR FOUNTAIN PENS

Filed Aug. 16, 1929



Inventor:
WILLIAM R. CUTHBERT
By Jones, Aldington, Ernest Seibel
Attys.

UNITED STATES PATENT OFFICE

1,944,927

HOLDER FOR FOUNTAIN PENS

William R. Cuthbert, Fort Madison, Iowa, assignor to W. A. Sheaffer Pen Co., Fort Madison, Iowa, a corporation of Delaware

Application August 16, 1929. Serial No. 386,304

11 Claims. (Cl. 120—103)

This invention relates to a holder for fountain pens and has special reference to a metallic holder for fountain pens having means therein for providing a substantially airtight chamber to facilitate the flow of ink when starting to write.

More particularly, this invention relates to a holder for fountain pens comprising an elongated metallic receptacle having a flared pen receiving-end and a closed end preferably for pivotal adjustment on an axially rotatable stem, which latter fits in a recess in a substantially heavy base.

The present embodiment provides a metallic receptacle preferably formed of precious metals in order that the desk set be in keeping with the fixtures in office executives and the writing desk and furnishings of private homes. The outer shell is provided with an insert interiorly thereof which insert may be made of a suitable non-deteriorating metal for withstanding the acids in the inks employed in the fountain pen. The insert also provides a shoulder against which the end of the fountain pen rests for sealing the interior of the receptacle adjacent the exposed ink feeding means thereby to keep the pen point moist and to prevent foreign substances contacting therewith and collecting thereon. The insert is provided with means for reducing the contact area between the outer periphery of the barrel of the fountain pen and the inner periphery of the insert in order to prevent a vacuum being formed in the receptacle when the pen is withdrawn, which, should a vacuum be created, would tend to withdraw ink from the fountain pen.

For a better understanding of the nature, scope and characteristic features of this invention reference may now be had to the following description when taken together with the accompanying drawing, in which latter:

Figure 1 is a side elevational view of the pen holder embodying the features of this invention, the holder being mounted on a suitable base;

Fig. 2 is a central longitudinal sectional view of the insert of this invention prior to its assembly in the outer shell of the holder;

Fig. 3 is a central longitudinal sectional view of the holder prior to the assembly of the insert therein;

Fig. 4 is a view similar to Fig. 3 showing the assembly of the holder and the insert;

Fig. 5 is a sectional view taken on the line 5—5 of Fig. 2; and

Fig. 6 is a fragmentary sectional view of the holder showing a portion of a fountain pen seated against the shoulder of the insert.

Referring now more particularly to the drawing a supporting member 10 is rotatably mounted in a suitable base, the base being preferably formed of onyx plate glass statuary bronze or any other ornamental material. The rotatable

means employed in the supporting member 10 is completely described in Patent Number 1,783,630, Sheaffer, et al., December 2, 1930, and assigned to the assignee of this invention.

A holder 12 of an elongated substantially tubular form having a closed-end 13 for mounting on a pivotal member 14 and an open flared-end 15 for introducing the fountain pen thereinto is mounted to pivot on the head 16 of the supporting member 10. The pivotal member 14 is provided with a series of peripheral notches for engaging a spring-pressed pawl supported in an aperture extending axially of the supporting member 10. Thus a series of predetermined positions of pivotal adjustment is had by the holder 12 whereby the same may occupy a position lying substantially flat on the base and in several intermediate positions extending angularly or inclined relatively to the base. A fountain pen 17 is shown in dotted lines as extending into the flared open-ended portion of the holder 12.

Referring now more particularly to Figures 2 and 3, the holder 12 is provided with a flange 18 at the outer flared-end portion which extends, in an initial position, substantially parallel with the axis of the holder. The holder is formed of metal and may be worked into various desired ornamental shapes and may be engraved as desired. The flange 18, being preferably formed integrally with the holder 12, is for the purpose of securing an insert 19 in position within the holder upon beading the flange over a peripheral flange 20 on one end of the insert.

The insert 19 comprises an elongated member of annular cross section having an outwardly flared-end portion 20 and an inwardly converging-end portion 21, the latter portion being for the purpose of providing a seat for the end of the fountain pen to form a substantially airtight chamber within the receptacle housing the ink-feeding mechanism. The flared outer-end 20 is of a diameter to engage the inner periphery of the flared-end portion of the holder 12, the flange 18 of the holder being beaded over the outwardly flared portion 20 in a finished condition as is shown more particularly in Fig. 4.

In order to reduce the contact area between the barrel of the pen and the inner periphery of the insert to prevent a suction when the fountain pen is withdrawn from the receptacle, a series of uniformly spaced grooves or ribs 22 are formed on the insert of the receptacle preferably extending longitudinally thereof. The drawing, particularly Fig. 5, shows a series of V-shaped ribs 22 extending radially toward the axis of the insert whereby the outer periphery of the barrel of the fountain pen contacts merely at the apices of the V-shaped ribs. Thus a series of line con-

tacts is had between the barrel of the fountain pen and the insert.

As a result of this invention a holder for a fountain pen is provided comprising an outer metallic shell and an inner insert, which latter is also preferably made of metal, although it is to be understood that it may be desirable to form the insert of a composition material in order to provide an effective seal. The insert is provided with a series of uniformly spaced ribs extending longitudinally and peripherally thereof to reduce the contact area between the barrel of the pen and the inner periphery of the insert. These ribs or grooves may be stamped from the material of the insert if of metal, or may be molded or cut in the insert if the latter is formed of a composition material. Also, a shoulder is formed in the insert for providing a seat for the end of the fountain pen to rest against thereby providing a substantially air-tight chamber to protect the ink-feeding mechanism of the fountain pen from foreign substances and to keep the writing point moist. The outer metallic shell may be formed of precious metals and by reason of employing a separate insert for holding the pen, the shape of the outer shell may be of any contour as desired, either plain or ornate.

While but a single embodiment of this invention is herein shown and described, it is to be understood that various modifications thereof will be apparent to those skilled in the art without departing from the spirit and scope of this invention and, therefore, it is desired that the same be limited only by the scope of the appended claims and the prior art.

I claim:

1. A holder for fountain pens comprising an elongated shell member having an open end, an insert in said open end for receiving the writing point end of said fountain pen, said insert comprising an elongated tubular member of substantially uniform diameter having inwardly extending ridges for engaging the barrel of said fountain pen, and a seat in said insert at one end thereof for sealing the exposed ink-feeding mechanism of said pen.

2. A holder for fountain pens comprising an elongated shell member having an open end, an insert in said open end for receiving the writing point end of said fountain pen, said insert comprising a metal tubular member of substantially uniform diameter having ribs formed thereon for reducing the contact area between the barrel of said pen and said insert, and a seat in said insert at one end thereof for sealing the exposed ink-feeding mechanism of said pen.

3. A holder for fountain pens comprising an elongated shell member having an open end, an insert in said open end for receiving the writing point end of said fountain pen, said insert comprising a metal tubular member of substantially uniform diameter having ribs formed from the material thereof for reducing the contact area between the barrel of said pen and said insert, and a seat in said insert at one end thereof for sealing the exposed ink-feeding mechanism of said pen.

4. A holder for fountain pens comprising an elongated shell member having an open end, an insert in said open end for receiving the writing point end of said fountain pen, said insert comprising a tubular member of substantially uniform diameter having ribs formed thereon for

reducing the contact area between the barrel of said pen and said insert, said tubular member being of uniform thickness throughout its cross section, and a seat in said insert at one end thereof for sealing the exposed ink-feeding mechanism of said pen.

5. A holder for fountain pens comprising an elongated shell member having a flared open-ended portion, an insert comprising a tubular member for receiving and substantially sealing apart from the atmosphere the writing point end of said fountain pen in said open end, said insert having a flared-end portion for engaging in a securing relation the flared-end portion of said shell member.

6. A holder for fountain pens comprising an elongated shell member having a flared open-ended portion, an insert comprising a tubular member for receiving and substantially sealing apart from the atmosphere the writing point end of said fountain pen, in said open end, said shell member having a flange coextensive with said flared open-ended portion for engaging in a securing relation a flared-end portion of said insert.

7. A holder for fountain pens comprising an elongated shell member having a flared open-ended portion, an insert comprising a substantially tubular metallic member having a flared-end portion and an inwardly converging-end portion for receiving and substantially sealing apart from the atmosphere the writing point end of said fountain pen, and a flange coextensive with said flared end of said shell member for engaging the flared-end portion of said insert in a securing relation.

8. A holder for fountain pens comprising an elongated shell member having an open-ended portion, an insert in said member of substantially annular cross section and of substantially uniform diameter for receiving the writing point end of said fountain pen, and a shoulder of reduced diameter at the bottom of and in said insert providing a seat against which the end of said fountain pen abuts thereby to seal the exposed ink-feeding mechanism.

9. A holder for fountain pens comprising an elongated shell member having an open-ended portion, an insert in said member of substantially annular cross section and of substantially uniform diameter for receiving the writing point end of said fountain pen, and a shoulder of reduced diameter at the bottom of and in said insert providing a seat for sealing the exposed ink-feeding mechanism.

10. A holder for fountain pens comprising an elongated shell member having an open-ended portion, a metal insert in said member of substantially annular cross section and of substantially uniform diameter for receiving the writing point end of said fountain pen, and a shoulder of reduced diameter at the bottom of and in said metal insert providing a seat against which the end of said fountain pen abuts thereby to seal the exposed ink-feeding mechanism.

11. A holder for fountain pens comprising an elongated shell member having an open end, and an insert in said open end for receiving the writing point end of said fountain pen, the upper end of said insert being secured to the end of said tubular member and the bottom thereof being provided with a seat therein for sealing the exposed ink-feeding mechanism.

WILLIAM R. CUTHBERT.