No. 618,255. Patented Jan. 24, 1899.

F. J. OTIS.

PENHOLDER.

(Application filed May 18, 1897.)

(No Model.)

Fig. 1.

Fig. 2

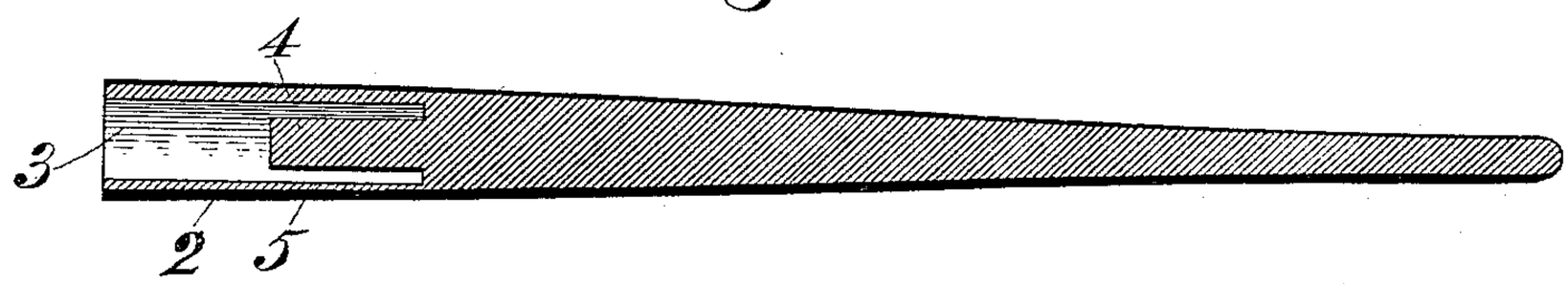


Fig. 3

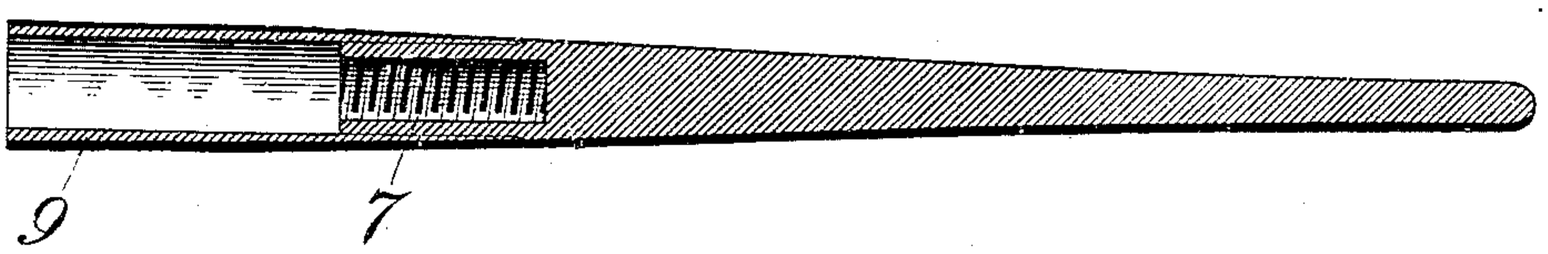
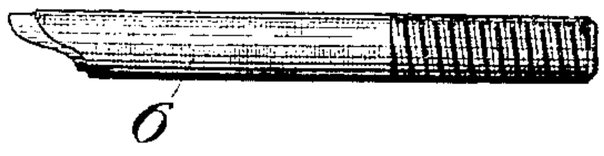


Fig. 4

Fig. 5



Witnesses
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UNITED STATES PATENT OFFICE.

FREDERICK JOSEPH OTIS, OF APOLLONIA, WISCONSIN.

PENHOLDER.

SPECIFICATION forming part of Letters Patent No. 618,255, dated January 24, 1899.

Application filed May 18, 1897. Serial No. 637,085. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK JOSEPH OTIS, a citizen of the United States, residing at Apollonia, in the county of Chippewa and State of Wisconsin, have invented certain new and useful Improvements in Penholders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention, as illustrated in the accompanying drawings, referred to in detail in the following specification, and pointed out in the claims, relates to certain new and useful improvements in pen-stocks, and more particularly to a means for attaching the pen in its operative relation with the holder in such a manner that the hand of the user will be fully protected from coming in contact with the ink, the object therefore being to protect the fingers from becoming soiled, and, further, to hold the pen-point free from contact with the desk as the penholder is laid thereon.

A further object is to render the pen easily removable from its holder, enabling the latter to be used in connection with the usual form of pen now in common use or any preferred variation thereof.

In the accompanying drawings, Figure 1 is a side elevation of my invention, showing a pen-point in position ready for use. Fig. 2 is a longitudinal central section of the penholder proper, showing a preferred construction. Fig. 3 is a longitudinal central section of the penholder proper, showing a modified construction for seating the pen-holding device in position. Fig. 4 shows a penholder in side elevation and partly in section, disclosing the operative position of the pen-holding ferrule and showing a series of points thereon to prevent it from lateral movement. Fig. 5 is a side elevation of the pen-socket and the anchoring-stem provided therefor designed to be received by that form of holder illustrated in Fig. 3.

Reference to the various details of my invention and the parts necessary to illustrate their application will be had by numerals, the same numeral being employed to designate the same part throughout the several views.

1 illustrates the handle or body-section of my holder proper, which may be made to have any preferred outline or shape, the pen-receiving end 2 thereof being preferably enlarged to provide a central bore 3, so disposed and formed that the central post or anchoring-section 4 will be formed integrally with the holder and disposed centrally in the inner end of said bore, leaving around said post the annular chamber 5. The post thus formed is designed to receive the open end of the usual ferrule 6, as illustrated in Fig. 4, thus reliably anchoring said ferrule in position ready to receive a pen-point of any desired character. The ferrule 6 being of only a slightly-larger diameter than the post 4 will practically continue the annular chamber 5 outward to the open end of the holder, thus leaving said ferrule disposed out of contact with the inner surface of the wall of the chamber or bore 3 and isolating the same from possible contact with said surface, thus preventing ink from reaching the outer surface of the holder.

As a modified construction to that just referred to the post 4 may be dispensed with and the bore or socket 7 substituted therefor, said socket being designed to receive the anchoring-stem 8, upon the outer end of which the ferrule 6 may be mounted. This construction will enable the said ferrule to be readily removed and replaced in position.

In order that the ferrule may be readily adjusted in position, to the end that it may project from the end of the holder as far as desired, I prefer to thread the socket 7 and the stem 8, which will enable said stem to be turned entirely home therein or partly removed by simply rotating the same in the proper direction.

It will of course be understood that the threads upon the socket 7 and the stem 8 may be dispensed with and a smooth surface provided without departing from the spirit of my invention, though it is thought the former construction will enable a more desirable and ready adjustment to be made.

If preferred, an adjustment may be provided for that construction illustrated in Figs. 2 and 3 by providing suitable threads upon the stem 4 and the contiguous portion of the ferrule, though for the purpose of this application it is not deemed necessary to illustrate such construction. The annular chamber 5 terminates in the interior circular shoulder

11, that part of the pen-stock in front of the shoulder being preferably comparatively thin.

A penholder constructed substantially in the manner specified may be freely laid upon the desk or papers thereon without danger of the pen-point 9 contacting with such papers, thus guarding against possible mutilation thereof.

It will also be readily apparent that I have produced a reliable means for guarding against the possibility of ink moving upward by capillary attraction or otherwise into contact with the fingers of the person using the holder, as it will be impossible for the ink to reach the outer surface of the holder owing to the thorough isolation provided for the pen-point.

By the means illustrated for adjusting the ferrule it will be readily apparent that said ferrule may be caused to protrude to any desired extent or be entirely drawn within the bore 3, leaving only the pen-point exposed.

It will be observed in Fig. 3 that I have illustrated a removable outer ferrule or sleeve 9, which may be suitably seated upon the holder in such a manner that when it is removed the holder will still be available for use as a holder of ordinary construction, the seat prepared thereon to receive said sleeve being properly tapered, as indicated.

In Fig. 4 I have shown a modified construction for the inner ferrule, consisting in forming near the outer end thereof a series of swells or points 10, designed to reach outward sufficiently to lie in contact with the inner face of the outer sleeve, and thus prevent the inner ferrule from undue lateral movement. I desire, however, to reserve the right to manufacture said inner ferrule with or without said swells or points, as I may find most expedient.

It will also be understood that the penholder may be formed of any material suitable for the purpose, and while the holder may be formed of wood or metal it is thought that equally desirable results will follow the use of cork or other simple, light, and porous material.

I prefer to construct the penholder with all the parts composing the same in one piece, and thereby obtain a cheaper, more durable, and more attractive article and one well adapted to secure the desired results. It is my purpose to construct a holder having an annular chamber of considerable size around the stem and ferrule, so as to positively prevent the ink from coming in contact with the interior of the tubular end, and thereby soiling the fingers of the user.

Other advantages than those enumerated above will be made clear from the foregoing specification and drawings, and believing the details have been made fully apparent I will dispense with further reference thereto.

I claim—

1. A penholder having a thin tubular end, an interior circular shoulder and a stem extending from such shoulder, all formed in one piece, in combination with a ferrule fitting said stem, an annular chamber being formed around said ferrule whereby the ink will not come in contact with the interior of the tubular end, all arranged as set forth.

2. A penholder having a thin tubular end, an interior circular shoulder and a stem extending from said shoulder, all formed in one piece, in combination with a ferrule fitting said stem and carrying means to prevent the ferrule from contacting with the interior of the tubular end, all arranged as set forth.

3. A pen-stock having a thin tubular end provided with an interior circular shoulder, in combination with a ferrule and means to retain the ferrule in place, whereby an annular chamber is formed around the ferrule, all arranged as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

FREDERICK JOSEPH OTIS.

Witnesses:

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