

No. 881,215.

PATENTED MAR. 10, 1908.

F. H. WURDEMAN.
FOUNTAIN PEN.

APPLICATION FILED NOV. 19, 1907.

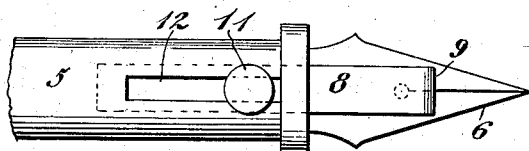


Fig. 1.

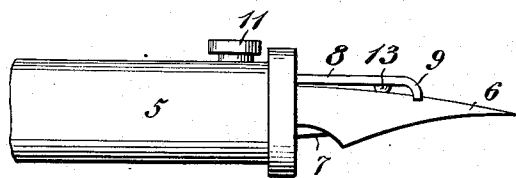


Fig. 2.

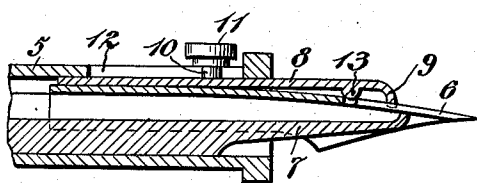


Fig. 3.

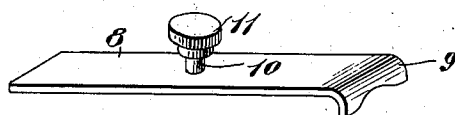


Fig. 4.

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UNITED STATES PATENT OFFICE.

FERDINAND H. WURDEMAN, OF NATIONAL MILITARY HOME, TENNESSEE.

FOUNTAIN-PEN.

No. 881,215.

Specification of Letters Patent.

Patented March 10, 1908.

Application filed November 19, 1907. Serial No. 402,857.

To all whom it may concern:

Be it known that I, FERDINAND H. WURDEMAN, a citizen of the United States, residing at National Military Home, in the county of Washington and State of Tennessee, have invented certain new and useful Improvements in Fountain-Pens, of which the following is a specification.

This invention relates to fountain pens, and has for its object to provide means for regulating the flow of ink from the reservoir to the pen-nib.

It is well known that the long continued use of a fountain pen causes the point of the pen-nib to gradually become permanently bent away from the feed device which causes an excessive flow of ink or no ink at all.

The present invention is designed to remedy this defect, and it comprises an attachment in the nature of a small metal tongue which is attached to the pen-barrel and bears on the upper surface of the pen-nib, forming a stop to limit the movement of the nib away from the feed device.

In the accompanying drawings, Figure 1 is a plan view showing the application of the invention, only so much of the fountain pen being shown as will suffice to show the connection of the invention herewith. Fig. 2 is a side elevation. Fig. 3 is a central longitudinal section. Fig. 4 is a perspective view of the attachment removed from the pen.

In the drawing, 5 denotes the pen-barrel which contains the supply of ink; 6 is the nib; and 7 is the feed device. These parts are arranged in the usual way and nothing is claimed with respect thereto.

The attachment comprises a thin strip 8 of brass or other metal which is secured in the bore of the barrel 5 by being inserted between the inner wall thereof and the upper surface of the nib, as clearly shown in Fig. 3. The strip projects from the front end of the barrel and at its outer end is bent downwardly as indicated at 9, to bear on the upper surface of the slitted portion of the nib slightly to the rear of the outer end of the feed device. The edge of the strip in contact with the nib is made concave, as shown in Fig. 4, to conform to the curvature of the nib.

On the back of the strip 8 is a projecting pin 10, having a head 11, and the barrel 5 has a slot 12 to receive the pin. By means of the pin the strip can be readily slid back and forth to adjust the point of its contact with the nib.

The attachment herein described forms a stop and prevents the nib from being bent away from the feed device from long continued use of the pen, and the space between the nib and the feed device can be readily regulated by adjusting the strip. Upon sliding it inwardly the nib is pressed toward the feed device, and moving it outwardly increases the distance between the nib and the feed device. It is therefore possible to regulate the flow of ink at all times and the attachment also keeps the points on the nib even, and prevents dropping of ink. The attachment can be cheaply manufactured and easily applied to any ordinary fountain pen.

On the bottom of the strip, near its outer end, is a small knob 13 which fits the enlarged inner end of the slit of the pen-nib, and is for the purpose of preventing a too free flow of ink. As the feed of fountain pens varies, this knob may in some cases be dispensed with, but it will ordinarily be used with free flowing pens.

I claim:—

1. In a fountain pen having a feed device on one side of the pen-nib, a stop to limit the movement of the nib away from the feed device, and a protuberance on the stop engageable with the back of the nib.

2. In a fountain pen having a slotted barrel and a feed device on one side of the pen-nib, a tongue slidably mounted in the barrel and having a projecting pin working in the slot of the barrel, said strip projecting from the barrel and engaging the other side of the nib.

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

FERDINAND H. WURDEMAN.

Witnesses:

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