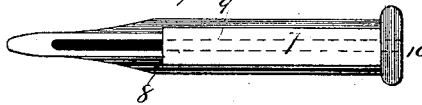
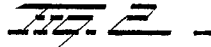
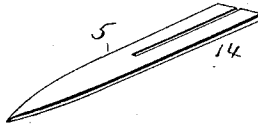
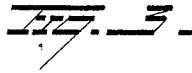
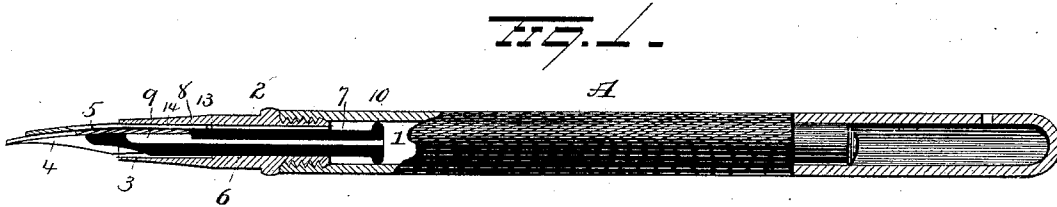


(No Model.)

G. S. PARKER.  
FOUNTAIN PEN.

No. 423,804.

Patented Mar. 18, 1890.



Witnesses  
*R. M. Muehler*  
*G. F. Downing*

Inventor  
*George S. Parker*  
By his Attorney  
*H. A. Seymour*

# UNITED STATES PATENT OFFICE.

GEORGE S. PARKER, OF JANESVILLE, WISCONSIN.

## FOUNTAIN-PEN.

SPECIFICATION forming part of Letters Patent No. 423,804, dated March 18, 1890.

Application filed September 28, 1889. Serial No. 325,407. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE S. PARKER, of Janesville, in the county of Rock and State of Wisconsin, have invented certain new and useful Improvements in Fountain-Pens; 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 relates to an improvement in fountain-pens, the object being to provide a steady and even flow of ink to the pen, and to this end to construct a pen of few parts which may be easily taken apart or put together and which can be placed on the market at a slight cost.

With these ends in view my invention consists in certain novel features of construction and combinations of parts, as will be hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a longitudinal sectional view of my improved pen. Fig. 2 is a detached view of the feed-plug. Fig. 3 is a view of the priming-finger, and Figs. 4 and 5 are modifications.

A represents a barrel, which constitutes the handle of the pen and inside of which the ink-reservoir 1 is formed. The pen-holding section 2 has a hollow bore 3, and the outer end of this bore is made slightly larger than the other end in order to receive the pen 4 and priming-finger 5. This section 2 is furnished at its inner end with a screw-threaded tap, which engages similar threads in the end of the barrel.

The feed-plug 6 is fitted to the bore of the pen-holding section, and is adapted to be inserted to greater or less distances, as required, to regulate the flow of ink and insure a regularity of flow. The plug is flattened on one side 7, and this flattened portion is in two different planes, with a shoulder 8 between them. An orifice 9 is formed in the plug, and it extends from the headed inner end 10, opening into the flattened side 7, beyond the shoulder 8, through which the ink is conducted to the pen. Beneath this opening in the side the plug is preferably tapered or otherwise pointed to give it a finish. The pen 4 is held between this outer end of the plug and the enlarged bore of the pen-holding section, and the should-

der 8 limits the insertion of the pen. The priming-finger 5, which is placed between the pen and the interior of the holding-section, also abuts against the shoulder 13, which constitutes the dividing-line between the small and large bore of the pen-holding section. This finger 5 is preferably pointed at its outer end where it reaches over the end of the pen, and it is split at its rear end 14 to form a passage for the ink over the pen, and this particular formation of priming-finger is to insure this course of the ink. By slight change the course of the ink may be diverted, so that a portion is fed beneath the pen; but when the parts are assembled, as shown in Fig. 1, the rear end or portion of the opening in the feed-plug is exposed and in communication with the rear split end of the priming-finger, so that an open capillary passage is formed for the ink to flow through. In one modification a grooved priming-finger is shown instead of a split one for carrying the ink to the pen, and in the other two communicating grooves, one being greater in diameter than the other. It may be mentioned in this connection that different forms of feed-plugs may be employed with the priming-fingers described for the purpose of changing the flow of ink to the lower side of the pen as well as to the upper side.

It is evident that slight changes might be resorted to in the form and arrangement of the several parts described without departing from the spirit and scope of my invention, and hence I do not wish to limit myself to the particular construction herein set forth.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a fountain-pen, the combination, with a pen-holding section and a feed-plug having a longitudinal bore, the latter passing through one side of the plug near its outer end, and a shoulder, the latter being located behind the open outer end of the bore, of a pen resting on the plug with its rear or inner end in advance of the shoulder thereon, and a priming-finger resting on the top surface of the pen, substantially as set forth.

2. In a fountain-pen, the combination, with a pen-holding section and a removable feed-plug having one flattened side, and an orifice

extending through the plug and opening into the flat side, of a removable priming-finger having a capillary passage therein in open communication with the ink-orifice, and a pin adapted to be held between the plug and the priming-finger, substantially as set forth.

3. The combination, with a pen-holding section having a hollow bore larger at one end than at the other, and a removable feed-plug having one flat side in different planes, with a shoulder between and an orifice in the plug which opens into one of the faces, of a removable priming-finger having a capillary passage therein in open communication with the orifice, and a pen adapted to be held between the plug and the priming-finger, substantially as set forth.

4. The combination, with a barrel having an ink-reservoir therein, and a pen-holding section provided with a threaded tap to screw into the end of the barrel, of a feeding-plug furnished with an orifice which opens in one of its sides, a pen, and a priming-finger having a capillary passage in open communica-

tion with the orifice in the plug, substantially as set forth.

5. The combination, with a pen-holding section and a feed-plug, of a removable priming-finger having a split rear end adapted to be in open communication with an orifice in the plug, substantially as set forth.

6. The combination, with a pen-holding section having a hollow bore, and a barrel, of a removable feed-plug having one flat side and an ink-orifice opening in this side, and a removable priming-finger having a split rear end which forms a capillary passage, said end adapted to be in open communication with the orifice in the plug, substantially as set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

GEORGE S. PARKER.

Witnesses:

SILAS HAYNER,  
S. E. BEEN.