H. N. HAMILTON.

FOUNTAIN-PEN.

No. 179,554. Patented July 4, 1876.

Fig. 1

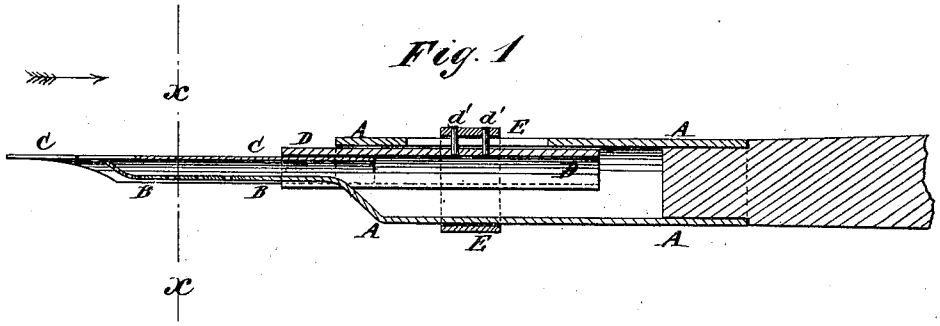


Fig. 2

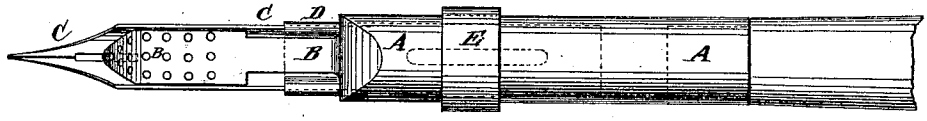
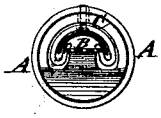


Fig. 3



WITNESSES:

A. W. Almquist

John Goebels

INVENTOR:

H. N. Hamilton

BY

Munn & Co

ATTORNEYS.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

HENRY N. HAMILTON, OF WHITE PLAINS, NEW YORK.

IMPROVEMENT IN FOUNTAIN-PENS.

Specification forming part of Letters Patent No. **179,554**, dated July 4, 1876; application filed May 27, 1876.

To all whom it may concern:

Be it known that I, HENRY N. HAMILTON, of White Plains, in the county of Westchester and State of New York, have invented a new and useful Improvement in Fountain-Pens, of which the following is a specification:

Figure 1 is a longitudinal section of my improved fountain-pen. Fig. 2 is a front view of the same. Fig. 3 is a cross-section of the same, taken through the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish a pen which shall be so constructed as to write a page or more of manuscript with once dipping it in the ink, and which may be easily cleaned.

The invention consists in the combination of the half-ring tube, the pins, and the ring, with the slotted tube, the pen, and the tongue, as hereinafter fully described.

A is the tube, the upper end of which is open to serve as a socket to receive the handle. The other end of the tube A is halved, and the shoulder thus formed is beveled or rounded off, and said part is closed with a plate, which is extended into a tongue, B. The lower part of the tongue B is rounded off, and bent inward to fit into the hollow of an ordinary pen, C, and form a chamber, to receive and hold the ink. The tongue B is perforated with numerous holes, into which the ink enters, so that the ink may be partly supported by capillary attraction, and thus rendered less liable to run out too rapidly should the writer bear down upon the pen in making a heavy stroke. The pen C is inserted in a holder, D, which is made in the form of a half-ring tube, and is inserted in the tube A with its concave side facing the tongue B. The holder D is secured in place by two pins, *d'*, which pass through the tube A, and are secured to a ring, E, placed upon the said tube A. The tube A has a short longitudinal slot formed in it for the pins *d'* to pass through, so that the holder D may be projected a little to enable the pen C to be readily removed from and inserted in the holder by sliding down the ring E, and may be drawn back to its place by sliding the said ring E back to its place.

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

The combination of the half-ring tube D, the pins *d'*, and the ring E, with the slotted tube A, the pen C, and the tongue B, substantially as herein shown and described.

H. N. HAMILTON.

Witnesses:

JAMES H. MORAN,

CORNELIUS E. KENE.