No. 730,783. PATENTED JUNE 9, 1903.

O. A. MORROW.

FOUNTAIN PEN.

APPLICATION FILED FEB. 18, 1903.

NO MODEL.

FIG. 1.

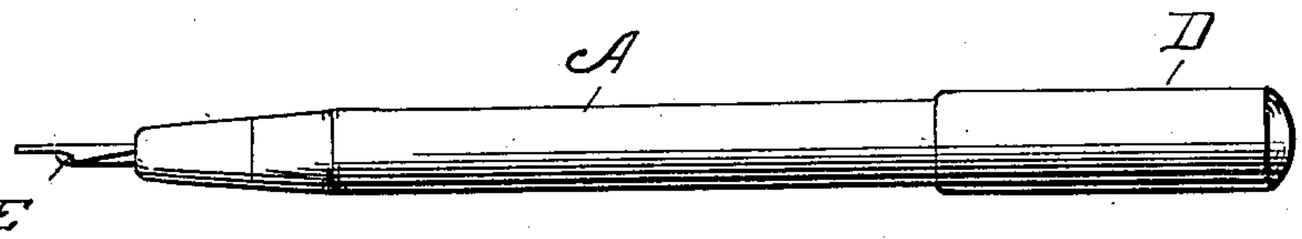


FIG. 2.

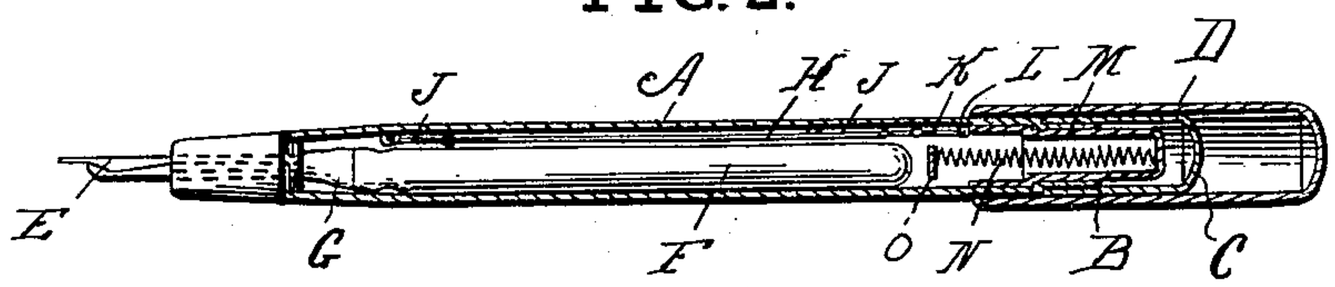


FIG. 3.

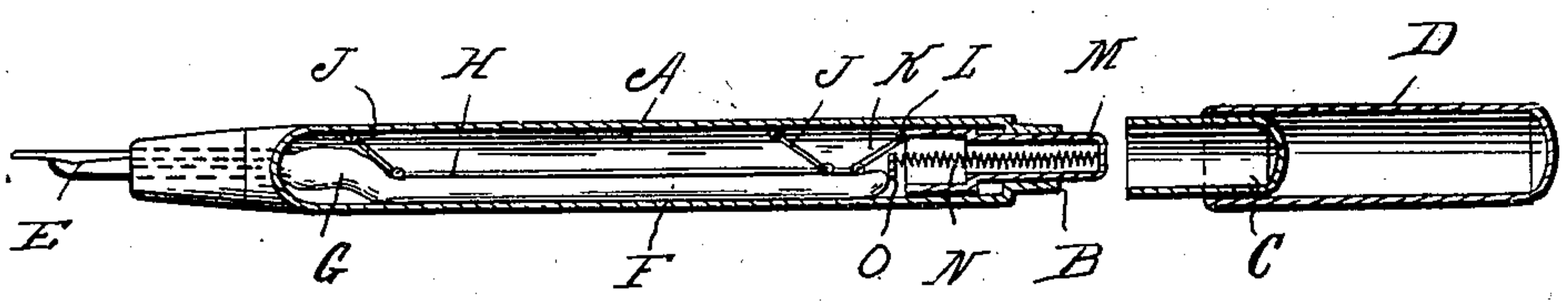
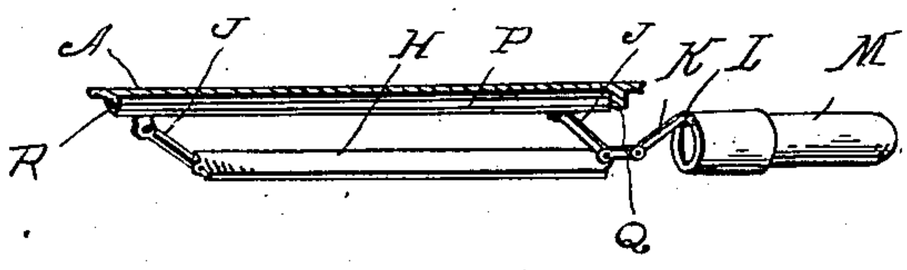


FIG. 4.



Witnesses
Chas. K. Davies
Thos. J. Moore.

Inventor
Oliver A. Morrow.
by R. O. Becker.
Attorney

No. 730,783. Patented June 9, 1903.

UNITED STATES PATENT OFFICE.

OLIVER A. MORROW, OF WHITEHALL, ILLINOIS.

FOUNTAIN-PEN.

SPECIFICATION forming part of Letters Patent No. 730,783, dated June 9, 1903.

Application filed February 18, 1903. Serial No. 143,901. (No model.)

To all whom it may concern:

Be it known that I, OLIVER A. MORROW, a citizen of the United States, residing at Whitehall, in the county of Greene and State of Illinois, have invented certain new and useful Improvements in Fountain-Pens, of which the following is a specification.

My invention relates to improvements in fountain-pens; and one object of my invention is the provision of a pen which can be filled without removing the parts and which can be easily cleaned in the same manner that the filling operation is performed.

Another object of my invention is the provision of a fountain-pen which will be a self-filler, which will feed the ink in an even and steady manner to the pen-point, and which will be thoroughly efficient for the intended purpose.

Another object of my invention is the provision of a fountain-pen which will be of extremely simple and inexpensive construction, strong and durable, and entirely practical in every particular.

With these objects in view my invention consists of a fountain-pen embodying novel features of construction and combination of parts substantially as disclosed herein.

Figure 1 represents a side elevation of my pen complete. Fig. 2 represents a longitudinal sectional view of my pen, the parts being in the position they assume before the reservoir is compressed. Fig. 3 represents a similar view with the parts in the position they assume when the reservoir is compressed to charge or fill said reservoir, and Fig. 4 is a detail perspective view of the operating mechanism of my pen.

In the drawings, the letter A designates the casing or body of my pen, having the open end B, upon which fits the cap C, upon which is placed the outer cover or cap D, and in the other end of the casing is placed the pen E. Within the casing and occupying the greater portion thereof is the bag or reservoir F, having one end G lying adjacent to the under side of the pen-point, and one side of the reservoir is adapted to be pressed by the plate H, which is pivoted by means of the pair of links J to the plate P, fitting between lugs R, formed on the casing, and to one end of the plate H is connected the lever K, having its outer end L connected to the sliding plunger M, said plunger being returned to normal position through the medium of the coiled spring N, having its outer end bearing against the plunger and its inner end bearing against and connected to the cross-piece O, secured in the casing.

From the foregoing description, taken in connection with the drawings, the operation of my fountain-pen will be readily understood, and I would state that the parts being in the position shown in Fig. 2 the forcing inward of the plunger will cause the plate to compress the reservoir and expel the air, and upon the return of the plunger the reservoir will draw in the ink and fill the reservoir and the ink will flow in a steady and even manner to the pen-point, and all the ink in the reservoir can be used by simply causing the hinged plate to gradually compress said reservoir, as is evident.

It will thus be seen that I provide an efficient and practical fountain-pen which can be produced at such a low price as to bring the article within reach of all desiring a reliable fountain-pen.

I claim—

1. A fountain-pen, consisting of the casing, a flexible reservoir arranged in the casing, a plate adjacent to said reservoir and a sliding plunger connected to the plate for compressing the reservoir to fill and discharge the ink.

2. A fountain-pen, consisting of the casing, a flexible reservoir therein, devices engaging the reservoir to fill and discharge the ink, and a sliding spring-plunger connected to and operating said devices.

3. A fountain-pen composed of a casing, a pen mounted in one end thereof, a reservoir arranged within the casing, and made flexible, a hinged plate to engage said reservoir to compress the reservoir, a spring-controlled plunger mounted in the other end of the casing and devices connected with said plunger for compressing the reservoir to effect the filling and feeding from said reservoir.

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

OLIVER A. MORROW.

Witnesses:

R. B. WINN,

OBER DENHAM.