

(No Model.)

E. G. PECK & F. O'MEARA.
FOUNTAIN PEN.

No. 523,234.

Patented July 17, 1894.

Fig. 1.

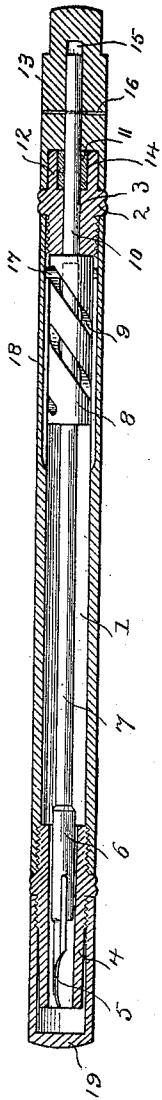


Fig. 2.

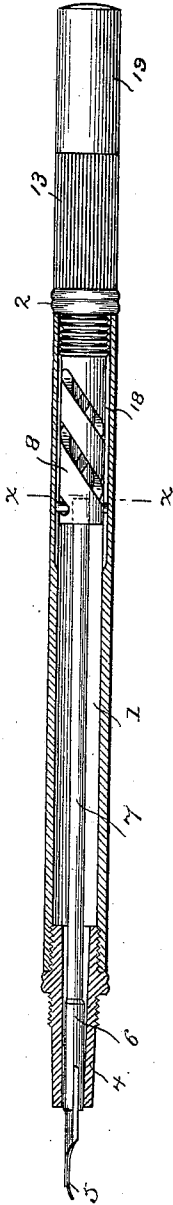


Fig. 4.

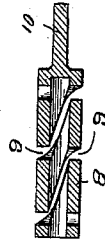
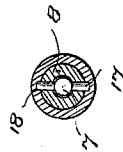


Fig. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

EDWARD G. PECK AND FREDERICK O'MEARA, OF SEYMOUR, CONNECTICUT.

FOUNTAIN-PEN.

SPECIFICATION forming part of Letters Patent No. 523,234, dated July 17, 1894.

Application filed April 6, 1894. Serial No. 506,601. (No model.)

To all whom it may concern:

Be it known that we, EDWARD G. PECK and FREDERICK O'MEARA, citizens of the United States, residing at Seymour, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Fountain-Pens; and we 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.

Our invention has for its object to provide a simple, durable and inexpensive propelling device for fountain pens, the requirements being that the mechanism be durable and always ready to work, that it move the pen in or out quickly and without rotating the pen and that the parts be so constructed that there be no leakage at the base of the reservoir.

With these ends in view we have devised the novel construction which we will now describe referring by numbers to the accompanying drawings forming part of this specification, in which—

Figure 1 is a longitudinal section on an enlarged scale, the pen holder and barrel being in elevation and the parts in the closed position; Fig. 2 a similar view the pen holder and pen being in position for use; Fig. 3 a section on the line *x x* in Fig. 2 looking toward the left, and Fig. 4 is a longitudinal section of the barrel.

1 denotes the reservoir the base of which is closed by a threaded plug 2 having a central opening 3 through it. At the other end of the reservoir is a nozzle 4 which is likewise threaded to engage the reservoir.

5 denotes the pen, 6 a holder therefor and 7 a rod formed integral with the pen holder.

8 denotes a barrel within the reservoir which is provided with spiral slots 9 and with a rod 10 which passes through opening 3 in the plug. The outer end of the plug consists of a hub 12, itself preferably provided with a socket to receive a packing 11 which may be a cork or any suitable material. The function of this packing is simply to prevent leakage at the base.

13 denotes a hand piece which is provided

with a socket 14 to receive hub 12 and with a central opening 15 to receive rod 10. The hand piece turns freely on the hub and is rigidly fixed to rod 10 in any suitable manner as by a pin 16 which passes through the hand piece and rod, see Fig. 1, so that rotation of the hand piece will rotate rod 10 and the barrel. At the inner end of rod 7, which is formed integral with the pen holder, is a pin 17 which passes through the spiral slots in the barrel and the ends of which engage longitudinal grooves 18 in the inner side of the barrel so that rod 7, the pen holder and pen are held against rotation but when the hand piece and barrel are rotated pin 17 is caused through its engagement with the spiral slots to travel longitudinally in grooves 18 thereby moving the pen into operative position or retracting it depending upon which way the hand piece is turned.

19 denotes the usual cap which is preferably threaded to engage the threaded outer end of the nozzle to cover the pen when not in use and which may be slipped over the base of the hand piece which is reduced for that purpose when the pen is in use, Fig. 1 showing the cap in engagement with the nozzle and Fig. 2 showing it as slipped over the base of the hand piece.

Having thus described our invention, we claim—

The combination with a holder for a pen, having a rod 7 with a pin 17, a reservoir having slots engaged by said pin, and a plug at its base, of a barrel within the reservoir having spiral slots through which pin 17 passes, a rod 10 which passes through the plug and a hand piece fixed to rod 10 so that rotation of the hand piece rod 10 and the barrel will move the pen holder and pen longitudinally without rotation.

In testimony whereof we affix our signatures in presence of two witnesses.

EDWARD G. PECK.
FREDERICK O'MEARA.

Witnesses:

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MAMIE CARMAN.