

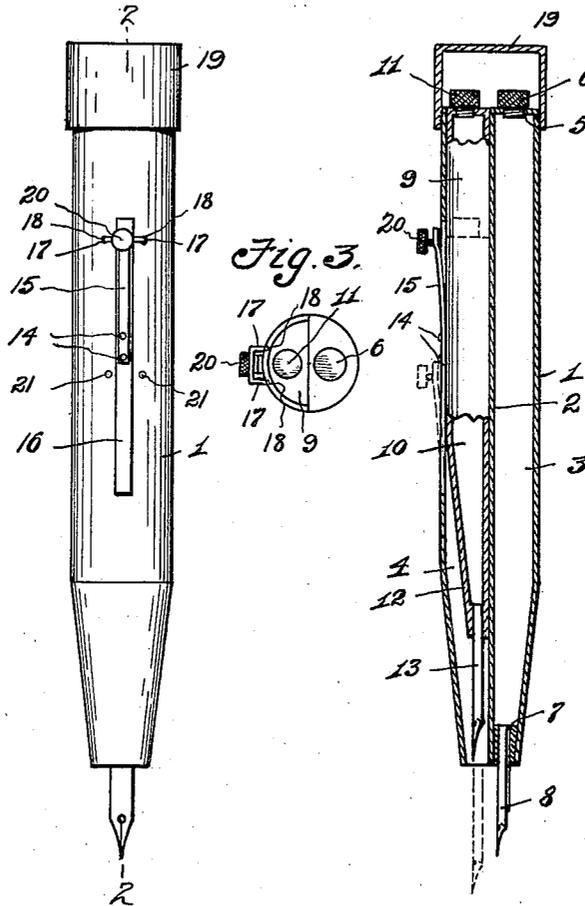
L. L. HOUSER.
MULTIPLE FOUNTAIN PEN.
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1,402,164.

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Fig. 1.

Fig. 2.



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MULTIPLE FOUNTAIN PEN.

1,402,164.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, LAWRENCE L. HOUSER, a citizen of the United States, residing at Mishawaka, in the county of St. Joseph and State of Indiana, have invented certain new and useful Improvements in Multiple Fountain Pens, of which the following is a specification.

The invention relates to multiple fountain pens and has for its object to provide a device of this character comprising a cylindrical body member having a substantially centrally disposed partition therein thereby forming parallel chambers in the body member, in one of which chambers a longitudinally movable fountain pen is disposed and slidable, and the other chamber forming a reservoir for a non-movable pen which projects from one end of said chamber. Also to provide means whereby the movable pen may be held in retracted position in its chamber or in extended position.

A further object is to provide a multiple fountain pen particularly adapted for bookkeepers and draftsmen and in other occupations where two colors of ink are necessary, for instance black and red ink.

A further object is to provide a screw cap for the rear end of the cylindrical body member which screw cap houses filling opening closures in the movable pen and the reservoir of the fixed pen.

With the above and other objects in view the invention resides in the combination and arrangement of parts as hereinafter set forth, shown in the drawings, described and claimed, it being understood that changes in the precise embodiment of the invention may be made within the scope of what is claimed without departing from the spirit of the invention.

In the drawings:—

Figure 1 is a view in elevation of the pen.

Figure 2 is a vertical sectional view taken on line 2—2 of Figure 1.

Figure 3 is a plan view of the rear end of the pen, showing the same with the cap removed therefrom.

Referring to the drawings, the numeral 1 designates a cylindrical body member and 2 a partition extending through said body member, which partition is centrally disposed thereby dividing the chamber of the body member 1 into semicircular chambers 3 and 4. The chambers 3 and 4 extend substantially the full length of the body mem-

ber 1, however the semicircular chamber 3 forms a reservoir for the reception of ink and into which reservoir ink is placed through the apertured upper end 5 which is normally closed by a threaded plug 6. The lower ends of the semicircular chambers 3 and 4 taper and disposed in the lower end of the chamber 3 is a conventional form of fountain pen feeding plug 7 which carries the fountain pen 8. It will be seen that the pen point 8 is a fixed one, and the ink most commonly used, for instance black, is placed in the chamber 3, therefore for ordinary work the bookkeeper or draftsman would use this pen.

Slidably mounted in the semicircular chamber 4 is a semicircular shaped casing 9 which casing is provided with a chamber 10 forming an ink reservoir, into which ink is placed by removing the plug 11 in the upper end thereof. The lower end of the casing 9 is tapered as at 12 at substantially the same angle as the lower end of the chamber 4 thereby providing means whereby the casing 9 will be limited in its outward movement, said lower end of the casing 9 being provided with a conventional form of pen point 13, which when the casing is forced downwardly assumes the position shown in Figure 2 and in which position the lower end of the pen point 13 will project beyond the pen point 8 and be in a position where it can be used for writing or drawing lines. The ink placed within the reservoir 10 is preferably red, however it may be of any color desired. Secured to the casing 9 as at 14 is a leaf spring 15 which leaf spring extends upwardly through an elongated slot 16 in the cylindrical body 1 and adjacent its free end is provided with spaced prongs 17, which prongs when the casing 9 is in the position shown in Figure 2 engages apertures 18 in the outer periphery of the cylindrical casing 1 and holds the casing in retracted position as shown in Figure 2. When the prongs 17 are disposed in the apertures 18 the upper end of the casing 9 is flush with the upper end of the cylindrical casing 1 and is in a position where the plug 11 may be easily removed when the cap 19 is removed, thereby facilitating the filling of the reservoir 10. When the casing 9 is extended after pulling outwardly on the leaf spring 15 by grasping the knob 20 and forcing downwardly on the same, said casing is held in proper extended position and the pen

point 13 in position for use by means of the prongs 17 which engage the apertures 21 in the outer periphery of the cylindrical body member 1.

- 5 From the above it will be seen that a multiple fountain pen is provided, which is simple in construction and one wherein the movable pen comprises a longitudinal movable casing having a reservoir therein and a pen, 10 which pen and reservoir comprise a single unit, thereby obviating leaking which is common in pens of this character and also reducing the parts to a minimum and simplifying the construction.
- 15 The invention having been set forth what is claimed as new and useful is:—
1. A multiple fountain pen comprising a casing having longitudinally disposed semi-circular chambers therein, a pen point extending from one end of one of said chambers, the upper end of the chamber having the pen point having a closed filling opening, a longitudinally movable fountain pen casing disposed in the other semicircular chamber, a pen point carried by one end of said longitudinal movable casing, a closed filling opening carried by the upper end of said longitudinal movable casing, a leaf spring having one of its ends secured to the longitudinal movable casing, said leaf spring extending upwardly and outwardly through an elongated aperture in the main casing, the free end of said leaf spring being provided with prongs, said prongs being adapted to engage apertures in the outer periphery of the casing for holding the longitudinal movable casing in extended or retracted position.

2. A multiple fountain pen comprising a cylindrical casing having longitudinally disposed chambers therein, a fixed pen point carried by one of said chambers, a longitudinally movable fountain pen unit slidably mounted in the other chamber, means for holding the longitudinally movable fountain pen unit in retracted or extended position, removable filling opening plugs carried by the longitudinally movable fountain pen unit and the upper end of the chamber having the fixed pen point, said means for holding the movable fountain pen unit in retracted position, also forming means for positioning the upper end of the movable fountain pen unit flush with the upper end of the chamber having the fixed pen point and a cap for housing the upper end of the cylindrical casing.

3. The combination with a fountain pen having a reservoir within a casing, a pen point at one end of said casing and a closed filling opening at the other end thereof, of an auxiliary casing carried by said casing, said auxiliary casing having a longitudinally movable fountain pen unit slidably mounted in a chamber thereof, a filling opening at the upper end of said fountain pen unit, a pen point at the other end of said fountain pen unit and means for holding said fountain pen unit in extended or retracted position, said means forming means whereby when the fountain pen unit is in retracted position the filling opening thereof will be in the same transverse plane as the filling opening of the main casing.

In testimony whereof I affix my signature.
LAWRENCE L. HOUSER.