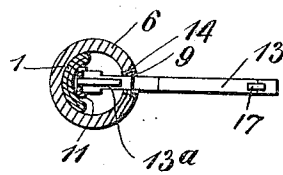
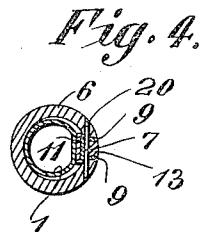
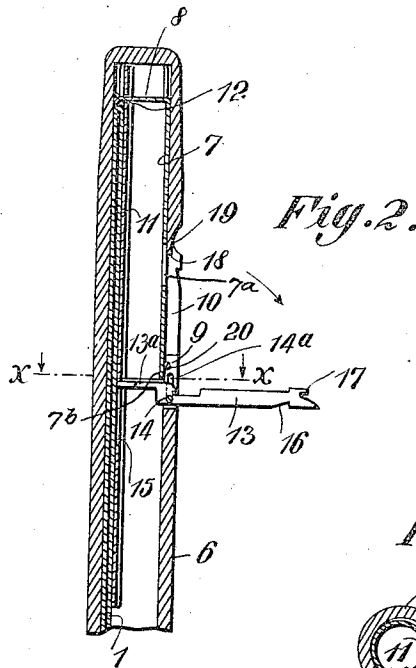
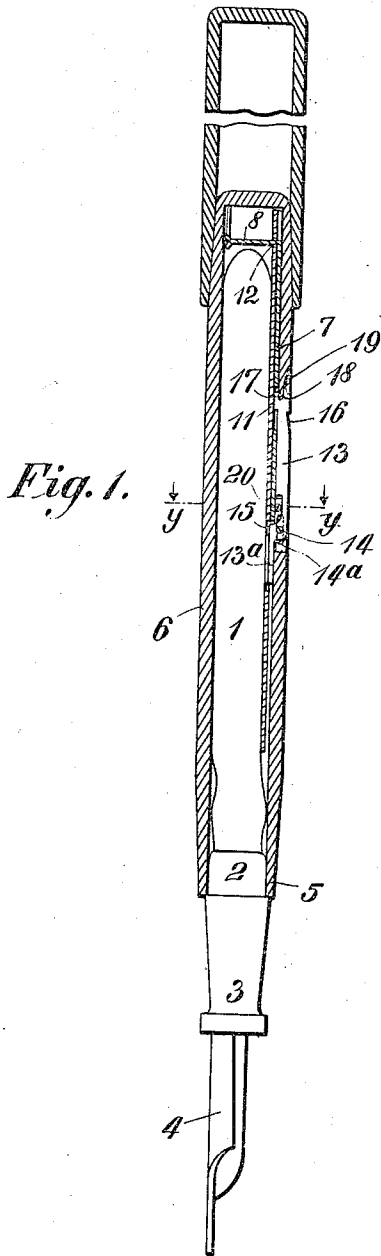


L. J. MOST.
 FOUNTAIN PEN.
 APPLICATION FILED JAN. 20, 1916.

1,195,709.

Patented Aug. 22, 1916.



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FOUNTAIN-PEN.

1,195,709.

Specification of Letters Patent.

Patented Aug. 22, 1916.

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To all whom it may concern:

Be it known that I, LUCIFER J. MOST, a citizen of the United States, and resident of the city of New York, in the county of Queens and State of New York, have invented a certain new and useful Fountain-Pen, of which the following is a specification.

This invention relates to fountain pens, particularly to the type known as "self filling," and its principal object is to provide a simplified, inexpensive, efficient and improved fountain pen of this type.

Other objects and advantages will herein after appear.

In the accompanying drawings,—Figure 1 shows a general sectional elevation of the fountain pen. Fig. 2 is a fragmentary elevation similar to Fig. 1, but showing the operating lever disposed in operative state. Fig. 3 is a sectional plan view of the fountain pen, taken on the line $x-x$ of Fig. 2. Fig. 4 is a sectional plan view of the fountain pen, taken on the line $y-y$ of Fig. 1.

A flexible receptacle or sack 1 of rubber is secured to the extremity of a tube 2 forming a part of the ink-feeder 3 that carries the pen 4 with which the writing is done. The tube 2 is fittingly inserted into the extremity 5 of a tubular hard rubber holder 6, within which the entire sack 1 is thus placed and contained. Within the holder 6 and against the interior side of its wall is fixed a stamped-metal frame 7, which is provided with a projection 8 extending therefrom transversely to the axis of the holder and has a pair of wings 9 that are secured to the sides of a slot 10 formed in the wall of the holder. A bar 11 is held to the projection 8 against longitudinal shifting by means of an opening 12 thereof passing over said projection. Movement of the bar 11 toward the sack 1 compresses it as shown in Fig. 2, and releasing of said bar permits the sack to swell to normal state and restore the bar to inoperative position shown in Fig. 1. An operating lever 13 is fulcrumed upon holder 6 by means of journals 14 thereof passing through slotted bearing-openings 14^a in the ears 9. The short arm 13^a of said lever is located within the holder 6 and its extremity is lodged within a guiding slot 15 in the bar 11, whereby upon swinging the lever 13 in the direction of the arrow away from the holder 6 to the position shown in Fig. 2 the arm 14 compels the bar 11 to

move and compress the sack 1, Fig. 2. When the lever 13 is swung oppositely it releases its pressure against bar 11 and permits inflation of the sack 1, which thereupon moves said bar to the position shown in Fig. 1, and snaps the lever 13 to closed inoperative position within the slot 10. As said lever is snapped back its journals 14 are located approximately at the extremity of the guiding bearing-slots 14^a, as shown in Fig. 2, and in order to effect positive locking of the lever the operator may place the thumb nail against a ledge 16 thereof and thereby shifts it longitudinally to bring a hooked projection 17 at its reverse side to enter at the rear of a ledge 18 of the tubular holder 6, the elongated fulcrum-slot 15 permitting the longitudinal movement of said lever during its sliding and locking operation and a slot 7^a in frame 7 permitting the projection 17 to enter beyond the ledge 18. To unlock the lever 13 in order to operate it, it merely requires inserting of the thumb nail into an indentation 19 in the holder 6 and pressing the extremity 20 of the lever toward its fulcrum, whereby its projection 17 is unhooked from the holder-projection 18 and the lever may be swung out of slot 10 and away from the holder 6. While the lever 13 is open in the position shown in Fig. 2, the extremity 7^b of frame 7 serves to prevent sliding movement of the lever. A pin 20 secured to wings 9 serves as an abutment for the lever 13 to guide it in its longitudinal sliding operation and to prevent pressing thereof against the frame 7 at the bottom of slot 9.

After the ink in sack 1 has been consumed the fountain pen is refilled by inserting the pen in any ordinary ink-well and simultaneously operating the lever 13 to first open as in Fig. 2 and then close back into its retaining slot 10, Fig. 1. In the operation of lever 13 it first causes the bar 11 to compress the sack and drive the air out therefrom, and then it permits said bar to release and the sack to inflate, whereupon the ink is sucked or forced up by atmospheric pressure from the ink-well, through the feeder 3, and up into the sack 1 to completely refill it. The operating lever 13 may be then positively locked at its operating extremity in the aforescribed manner and thereby maintained securely in inoperative state until manipulation thereof is again required.

Variations may be resorted to within the scope of the invention.

Having thus described my invention, I claim:—

- 5 1. A fountain pen having the combination with a flexible ink receptacle, and a surrounding rigid holder therefor having a slot therein, of a bar for compressing said receptacle, a lever pivotally mounted in the slot for operating said bar to compress
10 said receptacle, said lever being mounted for longitudinal sliding movement in said slot, and means to engage said lever and positively lock it against accidental pivotal
15 movement when the lever is slid longitudinally.
2. A fountain pen having the combination with a flexible ink receptacle, and a surrounding rigid holder therefor, of compressing means for said receptacle, a lever
20 for operating said means adapted to lie against said holder when in inoperative state and being slidable longitudinally while in inoperative state, and means to positively
25 lock said lever against opening away from the holder when it is slid longitudinally.
3. A fountain pen having the combination with a flexible ink receptacle, and a surrounding rigid holder therefor, of a bar
30 for compressing said receptacle, a lever for operating said bar adapted to be opened away from said holder and to be closed thereagainst, said lever sliding longitudinally when in closed state, said lever having
35 a projection, and said holder having a rigid portion to the rear of which said projection slides to engage it to positively lock said lever when it is slid longitudinally.
4. A fountain pen having the combination with a flexible ink receptacle, and a surrounding rigid holder therefor, of a bar for
40 compressing said receptacle, a projection extending from said holder transversely to said bar, said bar adapted to be guided by said projection against longitudinal movement during its operation, a lever for operating
45 said bar adapted to be opened away from said holder and to be closed thereagainst, said lever being slidable longitudinally when in closed state, and means to positively lock said lever against opening
50 away from the holder when it is slid longitudinally.

5. A fountain pen having the combination with a flexible ink receptacle, and a surrounding rigid holder therefor, of a bar for compressing said receptacle, a lever for operating said bar adapted to be opened
55 away from said holder and to be closed thereagainst, said lever being slidable longitudinally when in closed state, a pin secured to said holder to aline said lever with said holder when in closed state and to
60 guide it in its longitudinal movement, and means to positively lock said lever against opening away from the holder when it is slid longitudinally.

6. A fountain pen having the combination with a flexible ink receptacle, and a surrounding rigid holder therefor, of a bar for compressing said receptacle, a lever for operating said bar adapted to be opened
65 away from said holder and to be closed thereagainst, said lever adapted to slide longitudinally when in closed state, said holder having an abutment to aline said lever with the holder when in closed state and to guide
70 it in its longitudinal movement, and means to positively lock said lever against opening away from the holder when it is slid longitudinally.

7. A fountain pen having the combination with a flexible ink receptacle, and a surrounding rigid holder therefor, of a bar for compressing said receptacle, a projection extending from said holder transversely to said bar, said bar adapted to be guided by said projection against longitudinal movement during operation, a lever for operating said bar adapted to be opened
85 away from said holder and to be closed thereagainst, said lever adapted to slide longitudinally when in closed state, said holder having an abutment adapted to aline said lever with the holder when in closed
90 state and to guide it in its longitudinal movement, and means to positively lock said lever against opening away from the holder when it is slid longitudinally.

Signed at the city of New York, in the county of New York, and State of New York, this 17th day of January, A. D. 1916.

LUCIFER J. MOST.

Witnesses:

CHAS. W. LA RUE,
B. ROMAN.