

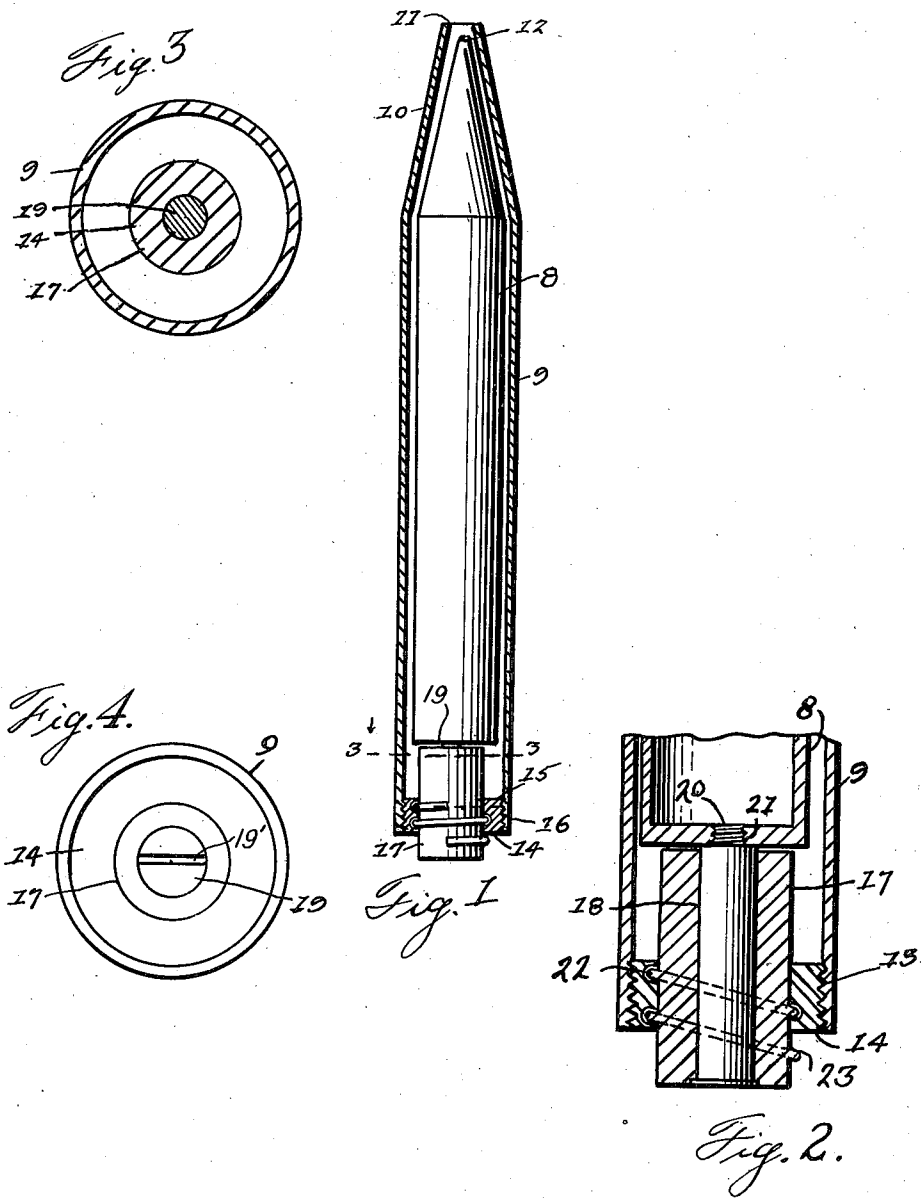
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FOUNTAIN PEN

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FOUNTAIN PEN

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This invention relates to improvements in fountain pens, one object of the invention being the provision of a fountain pen in which the main pen is mounted in an encasing barrel so that when not in use, the ball nib will be retracted within the encasing barrel, there being provided manually operable means at the end remote from the nib to move the main pen in to and out of writing position.

To fully understand the present invention, attention is invited to the accompanying drawings, in which:

Figure 1 is a longitudinal section through the encasing barrel with the pen and manipulator in elevation, the pen being in encased or retracted position.

Figure 2 is an enlarged sectional view of the lower end of the encasing barrel and manipulator, and that portion of the pen adjacent thereto.

Figure 3 is a section on line 3—3 of Fig. 1.

Figure 4 is a bottom plan of the pen.

Referring to the drawings, the numeral 8 designates a fountain pen, preferably of the ball nib type, that is a pen specially designed to use a writing paste, said pen being insertible through the lower or enlarged end of an encasing barrel 9, which barrel has the open truncated end 10 with an outlet 11, for the introduction from within, of the ball nib 12, of such fountain pen 8.

This pen as shown in Fig. 1, is in its encased or retracted position, and means has therefore to be provided to move the same into projected or writing position and such means will also retract the pen. To accomplish this, the lower end of the barrel 9, is internally threaded at 13, to receive the threaded bushing 14.

In order to retract and project the pen 8, a manipulator 17, in the form of a cylindrical sleeve has its bore 18 rotatably mounted upon a pin 19, which is fixedly attached to the base of the pen 8, by the threads 20 and 21. In this manner, the rotation of the manipulator does not impart rotation to the pen 8, a desirable feature, as ink paste often oozes over the rim of the end of the pen near the ball, and would be smeared within the end 10.

In order that the manipulator 17 may be permitted rotary movement and at the same time impart longitudinal movements to the pen 8, the pin 19 is provided with a slotted head 19', as shown in Fig. 4, and is fixed to the pen by the threaded end 20 which as before set forth engages threaded bore 21 of the pen 8.

Carried by the pin 19 adjacent the bushing 14, are threads 23, which mesh with the female threads 22 of the bushing 14, and as the extreme end of the pin 19 is external of the barrel 9, to provide a finger grip therefor, it will be noted

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that by rotating the pin 19 in one direction, the pen 8 will be moved inwardly to expose its ball nib 12 through the opening 11, while by the rotation of the pin 19, in an opposite direction, the pen will be drawn inwardly so that its ball nib will be encased as shown in Fig. 1.

From the foregoing description taken in connection with drawings, it is evident that there is here shown a novel and practical means for mounting a fountain pen, so that when it is not being used for writing purposes, the pen or ball nib will be housed or encased in the barrel, while by a simple action of the readily accessible manipulator, the pen is moved to present its nib externally of the barrel.

What is claimed is:

1. A fountain pen including in combination a cylindrical casing open at both ends, a ball point fountain pen encased therein and slidably mounted to have imparted thereto longitudinal movements in both directions, whereby the ball point can be pushed out beyond the end of the casing or withdrawn into the casing, and an independently oscillatable manually operable element to impart longitudinal movement to the pen within the barrel, the latter including a cylindrical member having its inner end connected to the base of the pen with its intermediate portion connected to the casing for progressive longitudinal movements when rotated in either direction, a portion of said cylindrical member being exposed as a manipulating means for said member.

2. A fountain pen, including in combination an encasing barrel open at both ends, a pen having a ball nib mounted in the barrel for longitudinal movements, a bushing mounted in one end of the barrel and provided with internal threads, a journal pin having one end fixedly attached to the base of the pen within the barrel, and a cylindrical tube having an external thread mating with the internal thread of the bushing and rotatably mounted upon the journal pin, whereby rotation of the tube will project or retract the pen and permits the pen to have longitudinal movement imparted thereto.

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