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(54) FOUNTAIN PENHOLDER

(54) STYLOGRAPHE

(57) Abstract:

THIS INVENTION relates to a fountain pen which is slidably arranged within a casing sleeve having a cover flap which is opened and closed by the sliding of the reservoir.

The known fountain pens of this type are open to the objection that the cover flap does not close sufficiently tightly and consequently the ink accommodated in the ink feed tube and on the nib itself dries, so that the nib after being pushed out from the sleeve is not immediately ready for writing.

Further objections are that the accurate production of the guide grooves in the casing sleeve, which is usually made of artificial horn or artificial resin and in which on the one side a guide element of the pen and on the other side the cover shifting rod run, presents difficulties and that moreover, owing to the changes to which the artificial substance is subjected, in the course of time leakages, sticking or defective guiding of the pen occur.

These objections are overcome by the invention.

The novelty consists in that the cover flap has a hinge arranged on the outer side, projecting from its edge, in such a manner that in closed condition its circumferential edge rests all round on a packing ring fitted on the outlet aperture for the nib.

The novelty consists further in that in the casing sleeve a metal sleeve provided with two guide grooves, for a guide element and for the connecting rod attached to the cover flap is inserted, a lining tube being interposed if necessary.

Two embodiments of the invention are illustrated in the accompanying drawing in which:-

Figure 1 shows the fountain pen in elevation with casing sleeve in longitudinal section.

Figure 2 is a longitudinal section of a lining tube with guide sleeve.

Figure 3 is a section on line 3-3 of Figure 2.

Figure 4 is a longitudinal section of a modified form of construction of the lining tube guide sleeve.

The fountain pen a with nib b and handle c is longitudinally movable within a casing sleeve d. This latter is lined with a metal tube e having a recess f.

The pen is hingedly connected in known manner by means of a thrust rod i to the cover flap k, so that the latter is opened and the nib b passes out when the handle c is pushed into the casing sleeve d. The flap k is for example in the shape of a domed hood, the hinge m of which is mounted outside, for example above the circumferential edge of the flap. The flap k has no packing but rests in the closed position with its circumferential edge on a packing ring n which is mounted on the aperture for the passage of the nib, preferably clamped between the flanges of two bent metal rings o slipped one in the other. On account of the cover flap k being perfectly packed in this way, the ink on the nib will no longer dry.

As the handle c fits in a lining tube of uniform diameter throughout its length and is guided therein, the pen is sufficiently tightly closed also at this end.

The lining sleeve e recessed at f carries a sleeve g having two guide grooves, produced by drawing. A guide element h of the pen a slides in one of the grooves

and the thrust rod i in the other. The recess f serves as abutment for the guide element h while the pen a is being retracted and limits the inward movement of the guide sleeve g.

The abutment for the guide element h may consist of a ring q inserted in the sleeve e (Figure 4) instead of a narrowed portion or recess f.

The metal rings o may either be soldered on to the end of the lining tube e, as in the example illustrated or fixed on to the end of the guide sleeve g, in which case the tube e is correspondingly shortened. In both instances the metal rings o form a kind of collar. A pocket clip r can be fixed on the fountain pen in an advantageous manner by clamping its supporting eye, which is slipped either on the lining tube e or on the guide sleeve g between this collar and the end of the casing sleeve d.

WHAT I CLAIM IS:

1. A fountain pen holder comprising a casing sleeve, a fountain pen body sliding therein, a cover flap on the casing sleeve adapted to be opened and closed by the movement of the pen body within the casing sleeve and a packing ring on which the edge of the closing flap bears, for securely closing the pen holder.

2. A fountain pen holder comprising a casing sleeve, a fountain pen body sliding therein, a cover flap on the casing sleeve, a thrust rod adapted to engage the cover flap and the pen body, for opening and closing the flap when the pen body is moved within the casing sleeve, a guide element on the pen body and a metal sleeve in the casing sleeve having longitudinal grooves in which the thrust rod and the guide element move.

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3. A fountain pen holder comprising a casing sleeve, a fountain pen body sliding therein, a cover flap on the casing sleeve, a thrust rod adapted to engage the cover flap and the pen body, for opening and closing the flap when the pen body is moved within the casing sleeve, a guide element on the pen body and a metal sleeve in the casing sleeve having longitudinal grooves in which the thrust rod and the guide element move, and a lining tube between the metal sleeve and the casing sleeve.

4. A fountain pen holder as claimed in claim 3, in which the lining tube has a constriction, adapted to limit the motion of the guide element when the pen is retracted.

5. A fountain pen holder as claimed in claim 3, having a ring inserted in thelining tube, for limiting the motion of the guide element when the pen is retracted.

6. A fountain pen holder comprising a casing sleeve, a fountain pen body sliding therein, a cover flap on the casing sleeve adapted to be opened and closed by the movement of the pen body within the casing sleeve, two bent flanged rings surrounding the opening for the nib, and a packing ring, clamped between the flanges of the rings, on which the edge of the closing flap bears, for securely closing the pen holder.

TK/EG.

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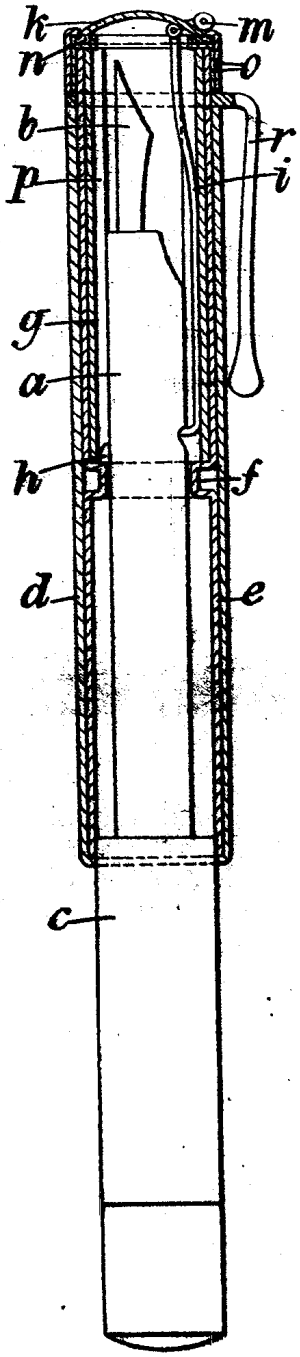

Fig. 1

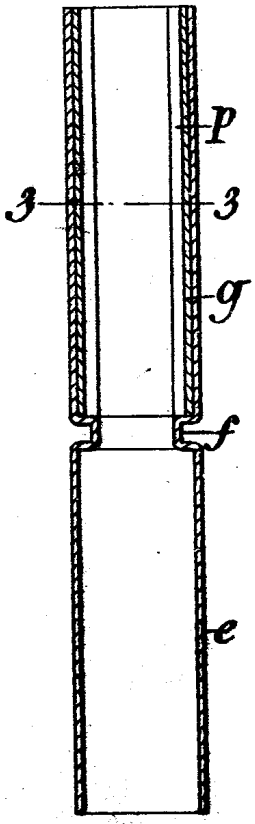

Fig. 2

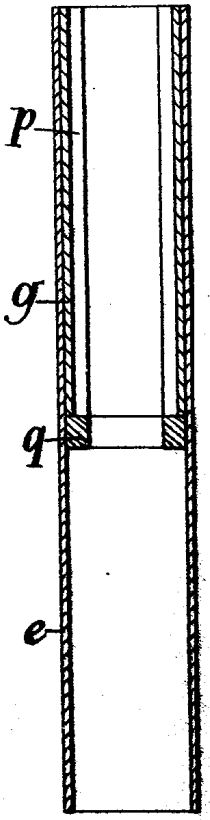

Fig. 4

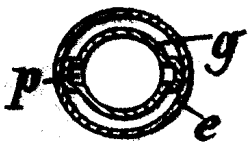

Fig. 3.

CERTIFIED TO BE THE DRAWINGS REFERRED TO IN THE SPECIFICATION HEREUNTO ANNEXED.

OTTAWA May 23. 1933.

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