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PATENT SPECIFICATION

612,870



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COMPLETE SPECIFICATION.

Improvements in Fountain Pens

I, LUCIEN CLARET, a French Citizen, of 20, Avenue Anatole France, Colombes (Seine), France, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

The present invention is concerned with fountain pens of the type in which the nib is protected by a hood. In fountain pens of this type only the extremity of the nib is free to appear and the nib is protected against blows. The hood also keeps the nib in a continuous state of humidity favouring the proper flow of ink.

The usual construction of this type of pen provides for fixing the sac holder, the feed, the feed holder and the hood by screwing. This has the disadvantage that alignment of these members in their correct positions is difficult in that screwing home of the members does not necessarily correspond with their correct alignment, particularly after a period of use.

The invention has for its object a construction which permits of the easy alignment of the various members and which, in addition, makes assembly and disassembly easy as well as facilitating the exchange of standardised nib-section assemblies.

According to the present invention a fountain pen of the type referred to comprises the combination with a pen body, of a sac holder, a feed and a feed holder held in the pen body by friction only, the feed holder, sac holder and hood being formed with shoulders or flanges abutting against each other and held fast in position by means of an exterior sleeve screwed on the pen body. In a modification of the invention the feed holder and hood are combined in one piece. Preferably this sleeve bounds an annular recess in which a fixing ring for the cap is lodged in cases where the closing of the pen is effected in the manner described in my copending application No. 16801/46 (Serial No. 612,868).

By way of example, the accompanying drawing, described below, shows in longi-

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tudinal section a fountain pen constructed in accordance with the invention.

In this example the pen comprises a feed 5 held by friction in a feed holder 1 of which the rear portion 1' engages by friction within the sac holder 3 on which is fixed the sac itself 6 which contains the ink. The feed holder 1 has an external flange 7 which when the feed holder is pushed right home into the sac holder 3 bears against the front end of the sac holder.

Around the feed holder 1 is a hood 4 which encloses, with slight clearance, not only the feed holder but also the nib 8 which it covers either only partially or almost entirely, leaving only the tip of the nib exposed.

This hood 4 also comprises a rear flange 9 by means of which it bears against the flange 7 of the feed holder 1.

The various members 5, 3, 4 and 1 are thus fitted either on or in each other without screwing so that they can be turned or aligned with the greatest of ease. The assembly is held fast in the desired position by means of a sleeve 2 which is screwed by thread 10 on the corresponding part of the body 11 of the pen. This sleeve by a shoulder such as 14 holds the flanges of the hood, the feed holder and the sac holder fast against the front end surface of the body of the pen and when it is tight any further relative movement of the members is impossible.

Preferably the sleeve 2 when it is screwed home leaves between itself and a shoulder of suitable form on the body of the pen a recess for the elastic ring 12 which maintains the cap 13 of the pen (constructed in accordance with copending application No. 16800/46, Serial No. 612,867) in place by friction when the pen is closed.

It is to be noted that the shapes of the various members constituting the pen may be varied without affecting the scope of the invention. The feed holder 1 and the hood 4 could be combined, the flange 7 being retained on the member so formed to permit of the fixing of the sac holder and the feed holder as described above.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

5 1. A fountain pen of the type in which the nib is covered by a hood, comprising the combination with a pen body, of a sac holder, a feed and a feed holder held in the pen body by friction only, the feed holder, sac holder  
10 and hood being formed with shoulders or flanges abutting against each other and held

fast in position by means of an exterior sleeve screwed on the pen body.

2. A modification of the fountain pen claimed in Claim 1 in which the feed holder 15 is combined in one piece with the hood.

Dated this 3rd day of June, 1946.

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[This Drawing is a reproduction of the Original on a reduced scale.]

