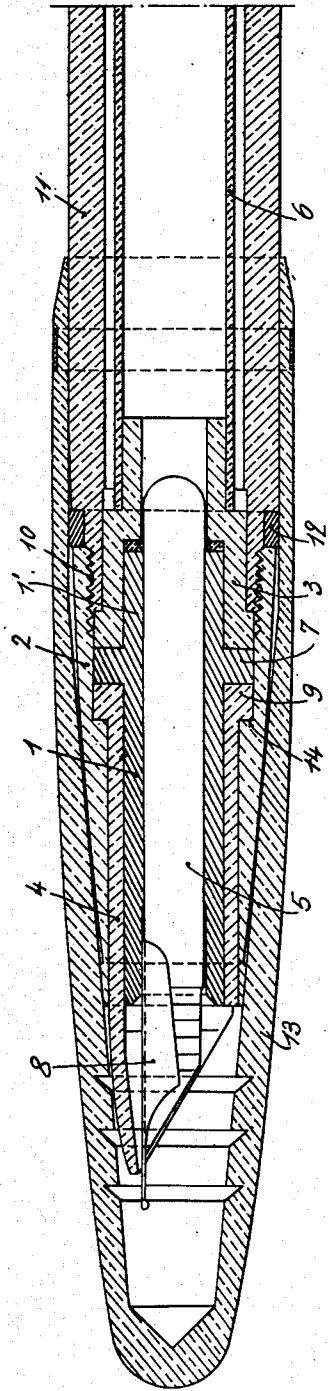


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L. CLARET  
FOUNTAIN PEN

2,519,635

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# UNITED STATES PATENT OFFICE

2,519,635

## FOUNTAIN PEN

Lucien Claret, Colombes, France

Application August 1, 1946, Serial No. 687,672  
In France March 25, 1946

2 Claims. (Cl. 120—52)

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It is already known to cover the nib of fountain pens with a sleeve or hood which permits only the extremity of the nib to appear and thus protects it against blows and also keeps it in a continuous state of humidity favouring the proper flow of ink.

On pens of this kind the usual construction provides for fixing the various members by screwing, which has the disadvantage that alignment of these members in their correct positions is difficult, in that screwing home of the parts 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. It consists in mounting simply by friction the various members which constitute the nib-section namely, the sac holder, the feed, the feed holder and the hood, in the body of the pen or in each other and in providing each with a suitable flange, the complete assembly being secured by an external sleeve screwed on the front of the pen. Preferably this sleeve bounds the annular recess in which the 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, Serial No. 687,670, filed August 1, 1946, now abandoned.

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

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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 in place by friction when the pen is closed.

I claim:

1. A fountain pen comprising a body portion screw threaded at an end thereof, a sac holder in said body portion having a flange thereon extending outwardly of said body portion, a tubular feed holder having an external double faced flange thereon in proximity to an end thereof inserted in said sac holder and coacting with the flange thereon, a feed and a nib frictionally mounted in said feed holder in the end opposite the said flange, a hood rotatably mounted on said feed holder and having a flange at its rearward portion bearing against that face on said flange on said feed holder opposite said face coacting with said sac holder, a sleeve encircling the rearward portion of said hood and screwed to said screw threaded end of said body portion, said sleeve coacting with and holding said hood in relation to said body portion in any orientation desired with relation to said nib.

2. A fountain pen comprising a main body screw threaded at an end, an ink sac therein, a sac holder having an end thereof inserted in said body and connected to said sac, said sac holder having the other end thereof extending from said body and an abutment thereon, a tubular feed holder extending into the main body inside said sac holder and having a flange thereon forming an abutment contacting said abutment on said sac holder, a feed and a nib fractionally mounted in said feed holder, a nib hood rotatably mounted on said feed holder abutting against said flange on said feed holder, said nib hood having a rear flange of substantially equal diameter with said flange on said feed holder, a sleeve encircling the rear portion of said hood screwed upon said main body and provided with an interior blocking shoulder coacting with said flanges on said hood and feed holder whereby in any convenient orientation said hood bears against said feed holder and the latter against said body through said sac holder when said sleeve is screwed upon said main body.

LUCIEN CLARET.

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