

PATENT SPECIFICATION



Convention Date (France): Feb. 13, 1919.

141,075

Application Date (in United Kingdom): Apr. 1, 1920. No. 9507/20.

(Patent of Addition to No. 141,071. Convention Date (France): Oct. 22, 1918).

Complete Accepted: Nov. 25, 1920.

COMPLETE SPECIFICATION.

Improvements in or relating to Fountain Pens.

I, (Miss) JEANNE MALLAT, of 53, Boulevard de Strasbourg, Paris, France, a citizen of the French Republic, 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:—

This invention relates to an improvement in or modification of the fountain pen described in the Specification of Letters Patent No. 141,071.

The accompanying drawings show by way of example the fountain pen according to the present invention.

The polygonal part A to which is secured the ink tube E, passes through the socket C, the inner bore of which is cut to suit the cross-section of the part A.

When the said socket C is unscrewed, the part A turns with it, and thus brings about the torsion of the ink tube E.

The part A is suspended by the screw B. The said screw B, details of which are shown in Figure 2, has a polygonal shoulder F which projects to the extent of about two millimetres into the interior of the socket C and cannot therefore become unscrewed. The round head I of the screw B projects beyond the square of the shoulder F, rests on the edge of the socket C and therefore supports the ink tube E.

On being screwed, the said screw B raises the part A to which can easily be given the tension desired.

If for instance the rubber tube E becomes lengthened after a long period of use, the screw B tightens it quickly and to the exact degree.

The screw B has a slight vertical play

limited by the bottom of the plug H which prevents the polygonal shoulder F from coming completely out of its seat. This play is necessary, for when the fountain pen is filled with ink, there exists a slight elongation of the rubber which must not be opposed, in order to avoid a leakage of ink. The rubber of the tube resumes its original position after a few minutes.

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:—

1. An improvement in or modification of the fountain pen described and claimed in the Specification of Letters Patent No. 141,071 consisting in the rubber ink tube being secured to a polygonal part extending through a socket of corresponding cross-section said polygonal part being suspended by means of a screw the head of which is provided with a polygonal part projecting into the socket, and with a shoulder resting on the upper end of the socket, the vertical play of the screw supporting the polygonal part, being limited by a closure cap.

2. The improved filling device for fountain pens substantially as described and illustrated in the accompanying drawings.

Dated this 1st day of April, 1920.

BOULT, WADE & TENNANT,
111 & 112, Hatton Garden, London,
E.C. 1,
Chartered Patent Agents.

