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PATENT SPECIFICATION



Application Date : Oct. 17, 1930. No. 31,142 / 30.

359,200

Complete Left : March 20, 1931.

Complete Accepted : Oct. 22, 1931.

PROVISIONAL SPECIFICATION.

Improved Fountain Pen.

(A communication from MABIE, TODD & Co. (Inc)., of 243, West 17th Street, New York, United States of America, a Company incorporated under the Laws of the State of New York.)
5 We, MABIE, TODD AND COMPANY, LIMITED, of Swan House, 133—135, Oxford Street, London, W. 1, a Company organised under the Laws of Great
10 Britain and Northern Ireland, do hereby declare the nature of this invention to be as follows:—

This invention relates to fountain pens. It has hitherto been the practice to provide two separate and distinct types of fountain pens; namely, those known as desk pens and which are intended solely for desk use, and pocket pens which are more particularly intended to be carried upon the person of the user when not in actual use, being for that reason shorter than the desk pen.

With the latter class of pen namely the desk pen, limitations with regard to size do not occur, and it is usual therefore for the desk pen to be of such a length that the balance of the pen when in use is improved, and for the pen to present a more finished and elegant appearance than is possible where the length of the pen is limited.

The object of the present invention is to effect economies in the use of fountain pens by providing in a single pen means whereby the pen may be adapted for a dual purpose, that is to say, one which can be readily adapted for use as either a desk pen or a pocket pen; and the present invention accordingly consists in an improved fountain pen applicable for use as a desk pen or as a pocket pen, wherein the pen in either of its applications presents the general characteristic appearance associated with that particular form.

This dual application may conveniently be effected by so forming a desk pen that that portion remote from the nib is removable from the main barrel and the pen thereupon is of a convenient length for carrying upon the person of the user.

More particularly the pen may conveniently comprise a barrel, the main

portion of which is hollow and formed as a receptacle for the ink the upper portion being preferably tapered in the usual way whereby the appearance and balance of the pen is improved. 55

The upper tapering portion of the pen barrel is formed separate from the main barrel portion being conveniently secured thereto by means of an axially disposed screwed dowel engaging a correspondingly screwed socket in the main barrel portion of the pen, whereby when the two parts are secured together the outer surface of the pen presents a uniform appearance, the whole being adapted to function as a desk pen, while in its shortened form the pen is of a convenient length for use as a pocket pen. 60 65 70

The screwed socket at the outer end of the main pen barrel is adapted to be closed during and after the removal of the screwed dowel by a spring projected plunger located within the upper end of the said barrel, the outer end of the said plunger being so formed as to completely fill the socket upon the removal of the screwed dowel. The plunger is preferably provided with an enlarged shoulder to limit its outward movement. 75 80

The writing end of the pen may be provided with a protective cap of the usual kind adapted to be secured to the barrel by means of an external thread on the barrel engaging an internal thread within the open end of the cap, such an arrangement being well known in fountain pens. 85

By forming our improved dual-purpose pen in this way it will be seen that while the pen in its extended form has all the advantages with regard to balance and appearance appertaining to the desk fountain pen, it is possible by removing the upper tapering part of the pen to provide a fountain pen of a convenient shape and size for carrying upon the person of the user. 90 95

We wish it to be understood that the invention is not to be limited to any particular make of pen, and further, that the dowel may be provided upon the barrel proper and the socket formed in the barrel extension, such a modification coming within the scope of the invention. 100 105

[Price 1/-]

MEWBURN, ELLIS & Co.,
Dated this 25th day of September, 1930. 70—72, Chancery Lane, London, W.C. 2,
Chartered Patent Agents.

COMPLETE SPECIFICATION.

Improved Fountain Pen.

We, MABIE, TODD AND COMPANY, LIMITED, of Swan House, 133—139, Oxford Street, London, W. 1, a Company organised under the Laws of Great Britain and Northern Ireland, 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 fountain pens, and more particularly to that type of pen adapted for a dual purpose, namely, a pen which can be readily adapted for use as either a desk pen or a pocket pen, while the pen in either of its applications presents the general characteristic appearance associated with that particular form. This dual application is effected by so forming a desk pen that that portion remote from the nib is removable from the main barrel and the pen thereupon is of a convenient length for carrying upon the person of the user.

The object of the present invention is to provide improved means for coupling the tapered or otherwise formed extension member to the fountain pen barrel without any detachable means being associated with the coupling, and further to render the coupling joint unobtrusive on the fountain pen barrel when the extension is disconnected.

The present invention accordingly consists in a fountain pen of the type referred to comprising a barrel portion and a tapered or otherwise formed extension, hereby characterised in that the coupling means comprises a dowel and socket connection between the barrel portion and the extension together with non detachable means for obscuring the socket when the said barrel and extension are disconnected.

Other features of the invention will be apparent from the following description.

In order that our invention may be more clearly understood and readily carried into practice, a preferred embodiment will now be described with reference to the accompanying drawings, wherein

Fig. 1 is a fragmentary view partly sectional showing the two parts connected together whereby the pen is adapted to be used as a desk pen.

Fig. 2 is a view similar to Fig. 1 showing the two parts disconnected whereby the pen is adapted to function as a pocket pen, and

Fig. 3 is a fragmentary view partly in section of the barrel portion of the pen showing a cap secured thereto.

Referring now to the drawings:

We form our improved dual purpose fountain pen with a barrel portion 1 and a tapered extension 2 adapted when the latter is secured to the barrel portion to constitute a desk pen and when disconnected therefrom for the barrel to act as a pocket fountain pen. The tapered extension 2 is provided with a screwed dowel 3 adapted to engage a correspondingly screwed socket 4 formed in the upper part of the pen barrel, when it is desired to connect the two parts.

When the barrel 1 is to be used as a pocket fountain pen it becomes desirable from esthetic and other reasons to remove as far as possible all indications of the presence of the screwed socket, this being effected by the use of a spring projected plunger adapted to fill the socket so that the upper part of the plunger is substantially flush with the end of the barrel when the plunger is in its outward position, being adapted to be returned within the barrel by the operation of screwing the extension into the barrel. The plunger 5 is formed with a head 6 slidable within the bore 7 formed in the upper part of the barrel. A disc 8 fixed to the barrel 1 in any convenient manner serves to separate the main hollow portion 9 containing the ink sac from the plunger bore and also acts as an abutment to one end of a helical spring 10, the other end of which is adapted to bear against the head 6 of the plunger, the arrangement being such that upon the removal of the tapered extension 2 from the barrel 1 the plunger 5 is projected upward under the action of the spring 10 to substantially fill the socket 4. The end of the plunger 5 may be provided with a tip 11 which may match the colour of the barrel end or decorates it in obliterating or hiding the socket opening when the tapered extension 2 is removed to adapt the pen for the pocket of the user.

Fig. 3 shows a cap 12 of substantially

the usual form positioned over the upper tapered end of the barrel being removable therefrom when necessary to protect the nib from injury when the pen is not in use.

This construction obviates the necessity of providing a detachable button or other part for the socket and which may be mislaid or lost during the constant interchange between the pocket pen and desk pen, and adds to the finish of the article by decorating the end of the pen barrel when exposed.

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

1. A fountain pen of the type referred to, comprising a barrel portion and a tapered or otherwise formed extension, hereby characterised in that the coupling means comprises a dowel and socket connection between the barrel portion and the extension together with non detachable means for obscuring the socket when the said barrel and extension are disconnected.

2. A fountain pen according to claim 1, hereby characterised that the obscuring

means for the socket takes the form of a spring actuated plunger slidable within the barrel and normally tending to enter the socket and become flush with the end of the said barrel.

3. A fountain pen according to claim 1, having provided means associated with the barrel for entering or receding from the socket according to whether the extension is connected or disconnected from the barrel.

4. A fountain pen of the type referred to according to the preceding claims wherein the dowel is screwed externally and the socket correspondingly screwed internally substantially as described and for the purpose set forth.

5. A fountain pen according to claim 2 wherein the spring projected plunger is provided with a coloured or decorated tip substantially as described and for the purpose set forth.

6. A fountain pen of the type referred to substantially as hereinbefore described and as illustrated by Figs. 1 and 2 or Fig. 3 of the drawings.

Dated this 20th day of March, 1931.

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

