

N^o 16,916



A.D. 1913

Date of Application, 23rd July, 1913

Complete Specification Left, 23rd Jan., 1914—Accepted, 4th June, 1914

PROVISIONAL SPECIFICATION.

Improvements in or relating to Stylographic Pens.

We, HERBERT GORNELL, TURNER, and OSMOND BLYTHE WADE, Wholesale Stationer, both of 34, Paternoster Row, in the City of London, do hereby declare the nature of this invention to be as follows:—

This invention relates to stylographic pens and has for its object to provide
5 means whereby the point of the pen is protected when the pen is carried in the pocket or other place where it is liable to damage.

According to this invention we provide a stylographic pen with a sheath or point protector, the said sheath being arranged so that when the pen is to be used the sheath may be moved back to leave the point of the pen exposed, or
10 when the pen is not in use the sheath may be moved forward so as to extend beyond the point of the pen and so protect the point from damage.

In one manner of carrying out the invention the tapered end of a stylographic pen is provided with a thread some short distance from the point of the pen. A point protector or sheath of the same internal configuration as the tapered
15 end is arranged with an internal thread which thread is adapted to engage the thread on the tapered end of the pen. At the end of the sheath remote from the threaded end, a small hole, concentric with the circumference of the cap, is bored, which hole is of sufficient diameter to allow the style, or pointed end of the pen to pass freely through it.

When in use the sheath is normally in position on the pen, and when it is
20 desired to use the pen the sheath is grasped in one hand and the body of the pen in the other. Upon the pen being turned in the correct direction the sheath is withdrawn by the engaging threads so that the style or point of the pen becomes exposed. When it is desired to put the pen in the pocket or elsewhere
25 where the point is liable to damage, the sheath or body of the pen is turned so that the sheath moves toward the point and finally protrudes beyond it, the sheath thus forming an effective protector for the point of the pen.

If desired the engaging threads may be of so steep a pitch that one turn of
30 the pen or less will be sufficient to project or withdraw the sheath the full distance required. It may also be arranged, if found necessary, to provide means for preventing the entire removal of the sheath after it has been fitted to the pen. This could be effected by an internal collar on the sheath abutting
35 against a collar or stop on the pen, or in place of a screw thread a form of bayonet joint might be employed in which a pin working in slots could limit the movement of the sheath and retain the same in the extended or withdrawn positions.

It will be observed that no free cap is required by this invention, which caps
are liable to work loose and are subject to damage. Moreover with this invention it is unnecessary to reduce the end of the pen, which is usually done to
40 form a shank on which to place the cap when the same is not in use.

Dated this 23rd day of July, 1913.

MEWBURN, ELLIS & PRYOR,
70/72, Chancery Lane, London, W.C.,
Chartered Patent Agents.

[Price 8d.]



Gornell and Wade's Improvements in or relating to Stylographic Pens.

COMPLETE SPECIFICATION.

Improvements in or relating to Stylographic Pens.

We, HERBERT GORNELL, Turner, and OSMOND BLYTHE WADE, Wholesale Stationer, both of 34, Paternoster Row, in the City of London, 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 stylographic pens and has for its object to provide 5 means whereby the point of the pen is protected when the pen is carried in the pocket or other place where it is liable to damage.

According to this invention we provide a stylographic pen with a sheath or point protector, the said sheath being arranged so that when the pen is to be 10 used the sheath may be moved back to leave the point of the pen exposed, or when the pen is not in use the sheath may be moved forward so as to extend beyond the point of the pen and so protect the point from damage.

In one manner of carrying out the invention the tapered end of a stylographic pen is provided with a thread some short distance from the point of the pen. A point protector or sheath of the same internal configuration as the tapered 15 end is arranged with an internal thread which thread is adapted to engage the thread on the tapered end of the pen. At the end of the sheath remote from the threaded end, a small hole, concentric with the circumference of the cap, is bored, which hole is of sufficient diameter to allow the style, or pointed end of the pen to pass freely through it. 20

When in use the sheath is normally in position on the pen, and when it is desired to use the pen the sheath is grasped in one hand and the body of the pen in the other. Upon the pen being turned in the correct direction the sheath is withdrawn by the engaging threads so that the style or point of the pen becomes exposed. When it is desired to put the pen in the pocket or elsewhere 25 where the point is liable to damage, the sheath or body of the pen is turned so that the sheath moves toward the point and finally protrudes beyond it, the sheath thus forming an effective protector for the point of the pen.

Fig. 1 is a part section of a stylo made in accordance with this invention with the point protruding. 30

Fig. 2 is a similar view with the point protected.

In the example shown the body of the stylo is provided with a threaded part *a* and the cap *b* is provided with internal threads adapted to engage with the threads on the body part. The cap *a* has a conical end and is provided with a 35 hole *c*.

If desired the engaging threads may be of so steep a pitch that one turn of the pen or less will be sufficient to project or withdraw the sheath the full distance required. It may also be arranged, if found necessary, to provide means for preventing the entire removal of the sheath after it has been fitted to the pen. This could be effected by an internal collar on the sheath abutting 40 against a collar or stop on the pen, or in place of a screw thread a form of bayonet joint might be employed in which a pin working in slots could limit the movement of the sheath and retain the same in the extended or withdrawn positions.

It will be observed that no free cap is required by this invention, which caps 45 are liable to work loose and are subject to damage. Moreover with this invention it is unnecessary to reduce the end of the pen, which is usually done to form a shank on which to place the cap when the same is not in use.

With a stylo made in accordance with this invention, the point is thoroughly

Gornell and Wade's Improvements in or relating to Stylographic Pens.

protected when not in use from coming into contact with anything and consequently it does not leak and further the stylo point is not touched by the cap which is in itself a cause for the stylo leaking.

5 We are aware that it has been proposed to surround the ink reservoir with a tube having a divided elastic mouth which is adapted to be slidden to extend beyond the point of a stylo pen and that pencils have been provided with cylindrical protectors having conical ends which are adapted to be moved by a screw thread on the protector and pencil so that the point of the pencil can penetrate a hole in the end of the protector.

10 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 stylographic pen provided with a sheath or point protector having a conical end and a small aperture through which the point of the stylo is adapted
15 to penetrate.

2. A stylographic pen as claimed in Claim 1 in which the cap is adapted to be screwed on to the body of the pen substantially as and for the purpose set forth.

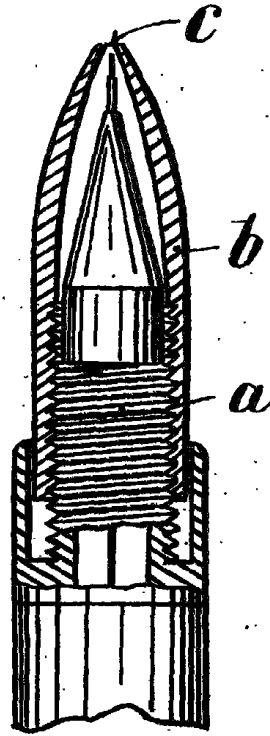
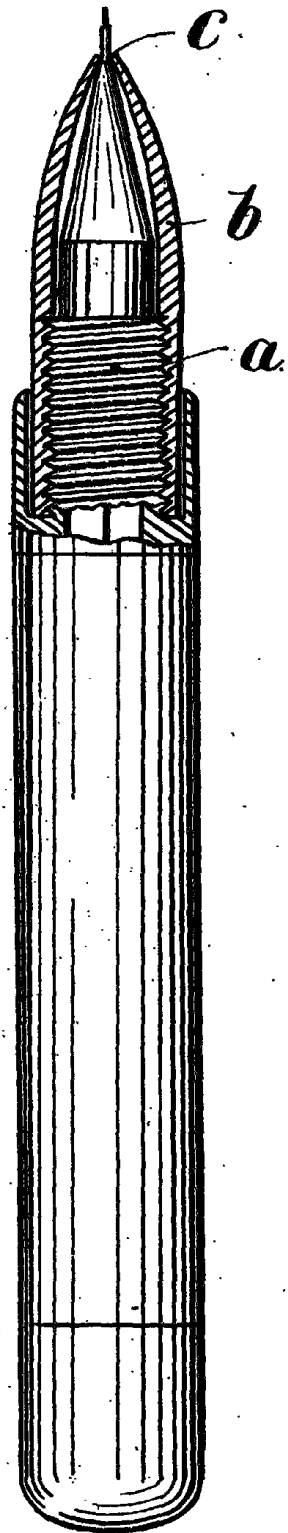
Dated this 23rd day of January, 1914.

20

MEWBURN, ELLIS & PRYOR,
70/72, Chancery Lane, London, W.C.,
Chartered Patent Agents.

Fig. 1.

Fig. 2.



[This Drawing is a full-size reproduction of the Original.]

BIRMINGHAM
REFERENCE LIBRARY
PUBLIC LIBRARY