

VOID : SEALING FEE NOT PAID.

N° 11,730



A.D. 1912

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Complete Specification Left, 18th Nov., 1912—Accepted, 6th Feb., 1913

PROVISIONAL SPECIFICATION.

Improvements in or relating to Stylographic Reservoir Pens.

I, ERNEST MACAULEY WADE, of 65, Cavendish Drive, Rock Ferry, in the County of Chester, Fountain Pen Manufacturer, do hereby declare the nature of this invention to be as follows:—

5 This invention relates to stylographic reservoir pens, and has for its object to provide a new or improved construction of needle or feeder spring.

According to my invention, the inner or upper end of the needle or feeder— which may be of nickel—is coiled into a tension spring, preferably in the form of a truncated cone, the needle or feeder proper merging into the spring at the upper end thereof. Said needle or feeder is temporarily or permanently secured
10 to a yoke, say of the type as now customarily used in stylographic pens, in any convenient manner.

As a non-permanent mode of connection, the two lowermost coils of the spring may be passed respectively over and under the lower portion or foot of the yoke, which foot may be provided with a recess or cavity to accommodate the inner
15 or upper end of the needle or feeder proper.

Dated this 16th day of May, 1912.

JOHN HINDLEY WALKER,
139, Dale Street, Liverpool,
Agent for the Applicant.

20 COMPLETE SPECIFICATION.

Improvements in or relating to Stylographic Reservoir Pens.

I, ERNEST MACAULEY WADE, of 65, Cavendish Drive, Rock Ferry, in the County of Chester, Fountain Pen Manufacturer, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particu-
25 larly described and ascertained in and by the following statement:—

This invention relates to stylographic reservoir pens.

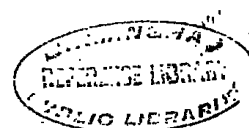
According to my invention, the inner or upper end of a needle or feeder is coiled into a tension spring (preferably in the form of a truncated cone) the needle or feeder proper merging into the inner or upper end of the spring, and
30 the lower part of said spring being connected with a "yoke".

I will further describe my invention with the aid of the accompanying sheet of explanatory drawing, in which:—

Fig. 1 is a longitudinal section of the writing end or "section" of a stylo-
graphic reservoir pen embodying my improvement; and Fig. 2 is a transverse
35 section, taken as on line A. B. Fig. 1, and viewed in the direction of the arrow.

a represents a needle or feeder proper and *a*¹ a tension spring formed at the inner or upper end thereof. *b b*¹ indicates an adjustable yoke (comprising two

[Price 8d.]



Wade's Improvements in or relating to Stylographic Reservoir Pens.

spring arms and a foot (but a yoke of any other suitable construction may be used), the foot b^1 whereof is provided with an aperture c through which needle a passes, and the two lowermost coils (or the lowermost coil only) of spring a^1 are screwed under the yoke foot b^1 ; thus said spring is secured to the yoke, but any other suitable mode of effecting this end either in a permanent or temporary 5 manner may be adopted.

It will be seen that due to needle a merging into the upper end of spring a^1 said needle will readily "give" or vibrate when the pen is in use.

The needle with spring may be constructed of nickel.

Having now particularly described and ascertained the nature of my said 10 invention and in what manner the same is to be performed, I declare that what I claim is:—

In a stylographic reservoir pen, a needle or feeder the inner or upper end whereof is coiled into a tension spring (preferably in the form of a truncated cone) the needle or feeder proper merging into the inner or upper end of the 15 spring, and the lower part of said spring being connected with a yoke; substantially as described.

Dated this 16th day of November, 1912.

JOHN HINDLEY WALKER,
139, Dale Street, Liverpool,
Agent for the Applicant.

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

Fig. 1.

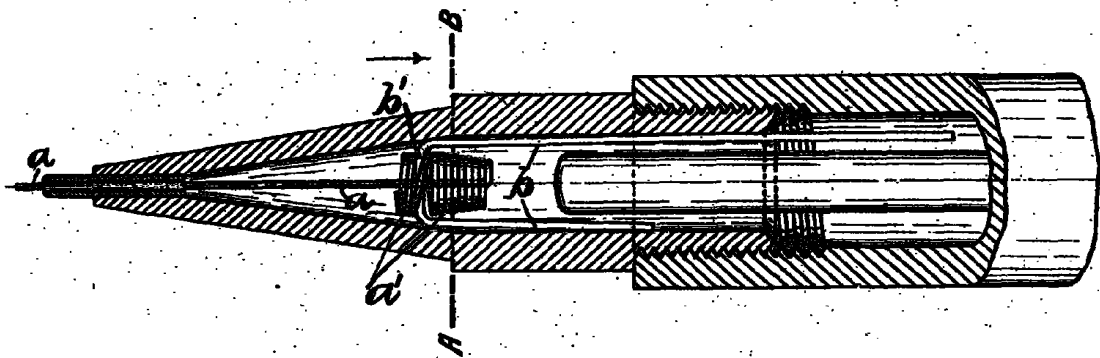
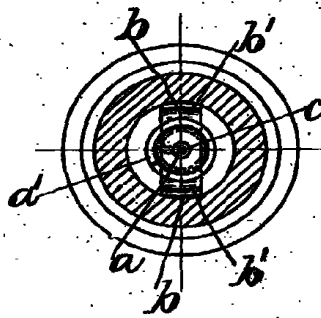


Fig. 2.



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