

N^o 11,520



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Complete Specification Left, 15th Nov., 1912—Accepted, 13th Mar., 1913

PROVISIONAL SPECIFICATION.

Improvements in or relating to Fountain or Reservoir Pens.

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

This invention relates to the closing or plugging of the ends of the vulcanite caps, barrels, or bodies of fountain or reservoir pens, and has for its object to effect such closing or plugging in a simpler and cheaper manner than heretofore.

According to one mode of carrying out my invention, I immerse a piece—say in the form of a disc—of celluloid, zylonite, or other like suitable material impervious to ink, and of desired colour, in a bath of acetone, amyl acetate, or other suitable solvent; when said celluloid or the like has been softened or rendered more or less plastic by the action of the solvent, the end of the vulcanite cylinder or barrel which is to form the cap, barrel, or body, as the case may be, of a fountain or reservoir pen is pressed upon the disc, the material whereof enters and closes the end of the cylinder and plugs same; the end of said cylinder or barrel may be internally serrated, roughened or grooved so that when the plug solidifies it shall hold firmly in position.

Dated this 14th day of May, 1912.

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

COMPLETE SPECIFICATION.

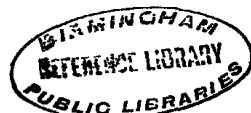
Improvements in or relating to Fountain or Reservoir Pens.

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 particularly described and ascertained in and by the following statement:—

This invention relates to the closing or plugging of vulcanite tubes or cylinders to form caps, barrels, or bodies of fountain or reservoir pens; and has for its object to effect an efficient closure in a more simple and convenient manner than heretofore.

My invention consists in the provision within the end of the vulcanite tube or cylinder to be plugged of a groove or grooves, screw threading, corrugations, indentations, serrations, or otherwise formed relative recesses and projections, which recesses are filled with celluloid (or xylonite); and the employment of a plug of celluloid (or xylonite) which, when inserted within said tube or cylinder, unites by the aid of a suitable solvent—as acetone—with the celluloid (or xylonite) in said recesses.

[Price 8d.]



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

According to one method of carrying out my invention, a stick of celluloid is dipped into acetone or other suitable solvent with the object of rendering the outside thereof soft or "tacky", and is then inserted within the end of the tube or cylinder to be plugged, and rubbed around same until said recesses are filled with celluloid; said stick is then withdrawn. 5

A piece of celluloid of convenient size to form the plug is now taken and an end thereof is dipped into said solvent; the plug is then pressed or forced into the end of said tube or cylinder, when, due to the softening action of the solvent it unites with the celluloid in said recesses, and is thus firmly locked or anchored in position. 10

If after said recesses in the tube or cylinder have been filled the celluloid therein is sufficiently soft or "tacky" the pre-dipping of the plug in the solvent may be omitted.

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:— 15

Plugging or closing a vulcanite tube or cylinder to form the cap, barrel, or body of a fountain or reservoir pen by the provision within the end of said vulcanite tube or cylinder to be plugged of a groove or grooves, screw threading, corrugations, indentations, serrations, or otherwise formed relative recesses, and projections, which recesses are filled with celluloid (or xylonite); and the employ- 20
ment of a celluloid (or xylonite) plug which, when inserted within said tube or cylinder, unites by the aid of a suitable solvent—as acetone—with the celluloid (or xylonite) in said recesses, for the purpose specified.

Dated this 14th day of November, 1912. 25

JOHN HINDLEY WALKER,
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Agent for the Applicant.