A. FARMER.

FOUNTAIN PEN.

APPLICATION FILED MAR. 13, 1913.

Patented Nov. 18, 1913.

1,079,228.

Fig. 2.

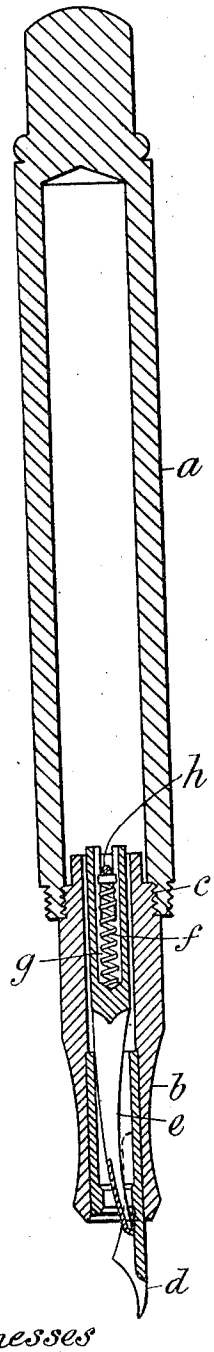

Fig. 1.

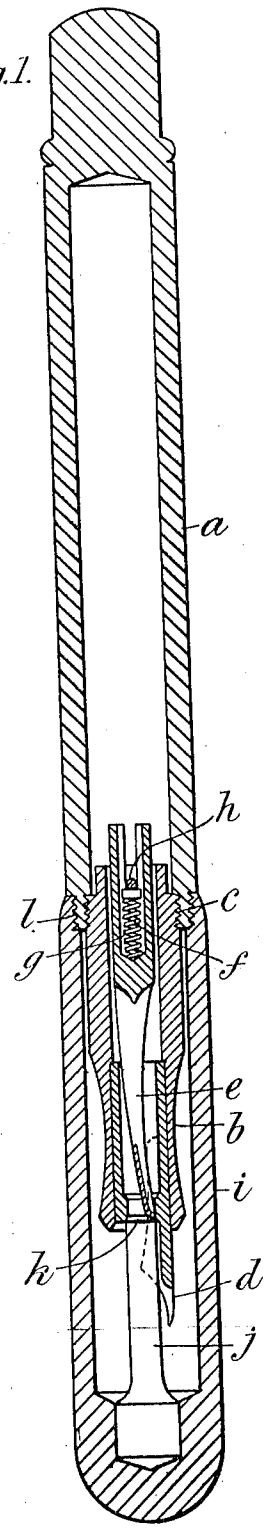

Fig. 3.

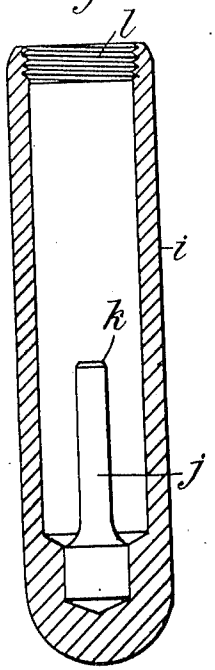

Fig. 4.

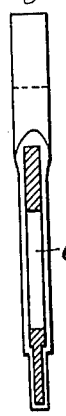

Fig. 5.

Witnesses
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UNITED STATES PATENT OFFICE.

ALFRED FARMER, OF LONDON, ENGLAND, ASSIGNOR TO THOMAS DE LA RUE & COMPANY, LIMITED, OF LONDON, ENGLAND.

FOUNTAIN-PEN.

1,079,228. Specification of Letters Patent. Patented Nov. 18, 1913.

Application filed March 13, 1913. Serial No. 754,040.

To all whom it may concern:

Be it known that I, ALFRED FARMER, a subject of the King of Great Britain, residing at 110 Bunhill Row, in the city of London, England, have invented new and useful Improvements in Fountain-Pens, of which the following is a specification.

This invention relates to improvements in fountain pens.

According to this invention the ink feed bar is pressed outward, that is into its working position by the action of a spring. On the inside of the cap, which fits over the nib when not in use, is a plug having a coned end for fitting into the corresponding coned end of the pen and on the cap is a screw thread engaging with a screw thread on the pen. As the cap is screwed onto the pen the plug pushes back the feed bar against the action of the spring and when the cap is fully screwed on, the end of plug is firmly seated on the coned end, thus preventing any leakage.

The drawings illustrate a pen made in accordance with this invention.

Figure 1 is a longitudinal section of a pen with the cap screwed upon it while Fig. 2 is a similar view with the cap removed. Fig. 3 is a longitudinal section of the cap and Figs. 4 and 5 show the ink feed bar.

The pen is made in two parts *a* and *b* screwed together at *c*, the part *b* carrying the nib *d*. Beneath the nib *d* is an ink feed bar *e* pressed outward by a spring *f* contained in the cavity *g* in which it is held by a pin *h* on the part *b*. On the inside of the cap *i* is a plug *j* having a coned end *k* adapted to fit into the coned end of the part *b*. The cap *i* is provided with an internal screw *l* by which it is attached to the pen and as the cap is screwed onto the pen the plug *j* pushes the feed bar *e* back against the action of the spring *f* and when it is fully screwed on the end *k* is firmly seated on the end of the part *b* and so prevents leakage.

What I claim is:—

1. A fountain pen consisting of a pen body, a nib fixed thereto, a movable ink feed bar located below the nib, and a spring adapted to press the feed bar outward.

2. A fountain pen consisting of a pen body, a nib fixed thereto, a movable ink feed bar located below the nib, a spring adapted to press the feed bar outward, and a cap carrying a plug adapted to press the ink feed bar inward.

3. A fountain pen consisting of a pen body, a seat on the end of the pen body, an ink feed bar, a spring adapted to press the feed bar outward, a cap, a plug on the cap adapted to press the ink feed bar inward and a conical end on the plug adapted to fit the seat on the pen body.

4. A fountain pen, consisting of a pen body, a seat on the end of the pen body, a nib fixed to the pen body, a movable ink feed bar located below the nib, a spring adapted to press the feed bar outward, a cap, a plug on the cap adapted to press the ink feed bar inward and a conical end on the plug adapted to fit the seat on the pen body.

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Witnesses:
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