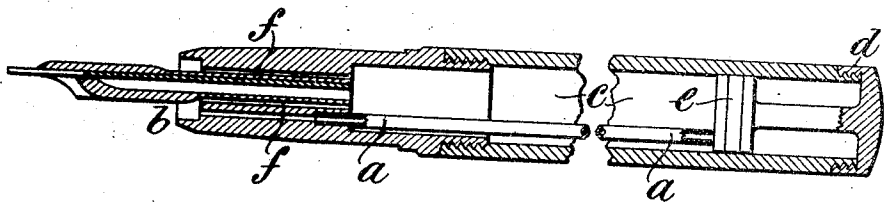


E. DE LA RUE.
RESERVOIR PEN.

APPLICATION FILED JUNE 12, 1908.

Patented June 29, 1909.

926,611.



Witnesses.

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UNITED STATES PATENT OFFICE.

EVELYN DE LA RUE, OF LONDON, ENGLAND.

RESERVOIR-PEN

No. 926,811.

Specification of Letters Patent.

Patented June 29, 1909.

Application filed June 12, 1908. Serial No. 438,110.

To all whom it may concern:

Be it known that I, EVELYN DE LA RUE, manufacturer, 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 Reservoir-Pens, of which the following is a specification.

The object of this invention is to provide an improved means of filling a fountain or reservoir pen.

I form a fountain pen with a tube communicating with the outside of the pen carrier and reaching from the nib end back to near the top end of the barrel and I also provide means for varying the capacity of the barrel. By dipping the nib end beneath the surface of the ink in an inkpot and increasing the capacity of the barrel through the ink ducts in the pen carrier or through the tube or both. On subsequently decreasing the capacity, air is ejected from the top of the barrel down the tube and on next increasing the capacity more ink is drawn in and so on.

The drawing shows one form of pen made in accordance with this invention.

a is the tube which communicates with the front of the pen carrier *b* in any convenient position and passes up through the barrel nearly to the top thereof.

d is a screw cap carrying a piston *e* by means of which the capacity of the barrel may be varied.

f are the usual ink ducts by which ink is supplied to the pen when in use. The piston is preferably so arranged as to butt against and close the exit of the tube *a* when the cap

d is screwed home. It is true that each time the capacity is diminished a certain quantity of ink is ejected from the pen through the ducts *f* but as some air is also expelled through the tube *a* while only ink can enter, the barrel gradually gets filled.

What I claim is:—

1. In a reservoir pen the combination of a barrel, a pen-carrier provided with ink ducts through which ink is supplied from the barrel to the pen and through which ink may be drawn into the barrel, a tube communicating with the outside through the pen-carrier and reaching nearly to the top of the barrel, a cap adapted to screw on the top of the barrel, a piston carried by the cap and capable of movement in the top end of the barrel and adapted to butt against and close the tube when the cap is screwed home.

2. In a reservoir pen, the combination of a barrel, a pen carrier provided with two ducts both of which extend from the outer or lower end of the pen carrier and one of which communicates with the lower end of the barrel, a tube communicating with the inner or upper end of the other duct and extending partially through the barrel and terminating near the upper end thereof, a cap adapted to screw on the top of the barrel, a piston carried by the cap and capable of movement in the upper end of the barrel and adapted to butt against and close the tube when the cap is screwed home.

EVELYN DE LA RUE.

Witnesses:

H. D. JAMESON,
F. L. RAND.