

N^o 10,028



A.D. 1913

Date of Application, 29th Apr., 1913—Accepted, 24th July, 1913

COMPLETE SPECIFICATION.

Improvements in or relating to Self-filling Reservoir Pens.

We, ALBERT DAVID FLEISHMANN, of 156, Bedford Street, Liverpool, in the County of Lancaster, Reservoir Pen Maker, and OSMOND BLYTHE WADE, of Paternoster House, Paternoster Row, London, E.C., Reservoir Pen Maker, 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 fountain or reservoir pens of the type in which the ink is contained within an elastic bag or sac, said sac, in the ink charging operation, being squeezed or compressed to exclude air prior to the nib end of the pen being immersed in ink, so that on said sac being released and regaining its normal or expanded shape or configuration a charge of ink enters same.

Our invention has for its object to simplify and so cheapen the cost of the construction of such pens; and essentially consists in the employment—for the purpose of compressing or squeezing the sac—of a sac-encircling ring or band on which is formed or provided a head, button, or its equivalent arranged on the outside of the pen body or barrel, which button on being pulled causes the compression of said sac.

We will further describe our invention with the aid of the accompanying sheet of explanatory drawings in which is illustrated a fountain or reservoir pen of the type referred to provided with our improved means for compressing the ink sac thereof.

Fig. 1 is a view, mainly in longitudinal section, of the pen.

Fig. 2 is an elevation of the sac-enclosing body or barrel viewed at right angles to Fig. 1; and

Fig. 3 is a transverse section taken as on line X X Fig. 1.

a represents the nib carrying "section", and *b* an elastic rubber sac secured thereto, said sac being provided with the customary external strip or plate *c* of steel or other rigid material which stiffens and ensures the flexing of the whole sac. *d* is the pen body or barrel.

e indicates a ring or band of metal or other suitable material provided with a head piece or button *f* which lies outside the body or barrel *d*, said band *e* being passed into the barrel through a slot *g* therein, and button *f* is adapted to lie within the recess *h* of barrel *d*; said sac *b* is passed or threaded through said ring or band *e* when the latter is positioned in the barrel.

To compress said sac *b* button *f* is grasped by the finger and thumb and pulled outwardly, the sac being compressed by the consequent movement of band *e*, on said button being released sac *b*, in expanding, causes said button to re-seat itself within said recess *h* of the barrel.

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. In a fountain or reservoir pen which embodies an elastic bag or sac adapted to contain the ink charge, means for compressing or squeezing said sac, which comprises a ring or band adapted to encircle said sac, and an actuating head,

[Price 8d.]



Improvements in or relating to Self-filling Reservoir Pens.

button, or its equivalent, forming part of or connected to said ring or band, arranged on the outside of the pen body or barrel; substantially as described.

2. In improvements relating to fountain or reservoir pens as claimed in the preceding claim, a recess provided in the body or barrel of the pen and a ring or band head or button adapted to lie within said recess; substantially as described. 5

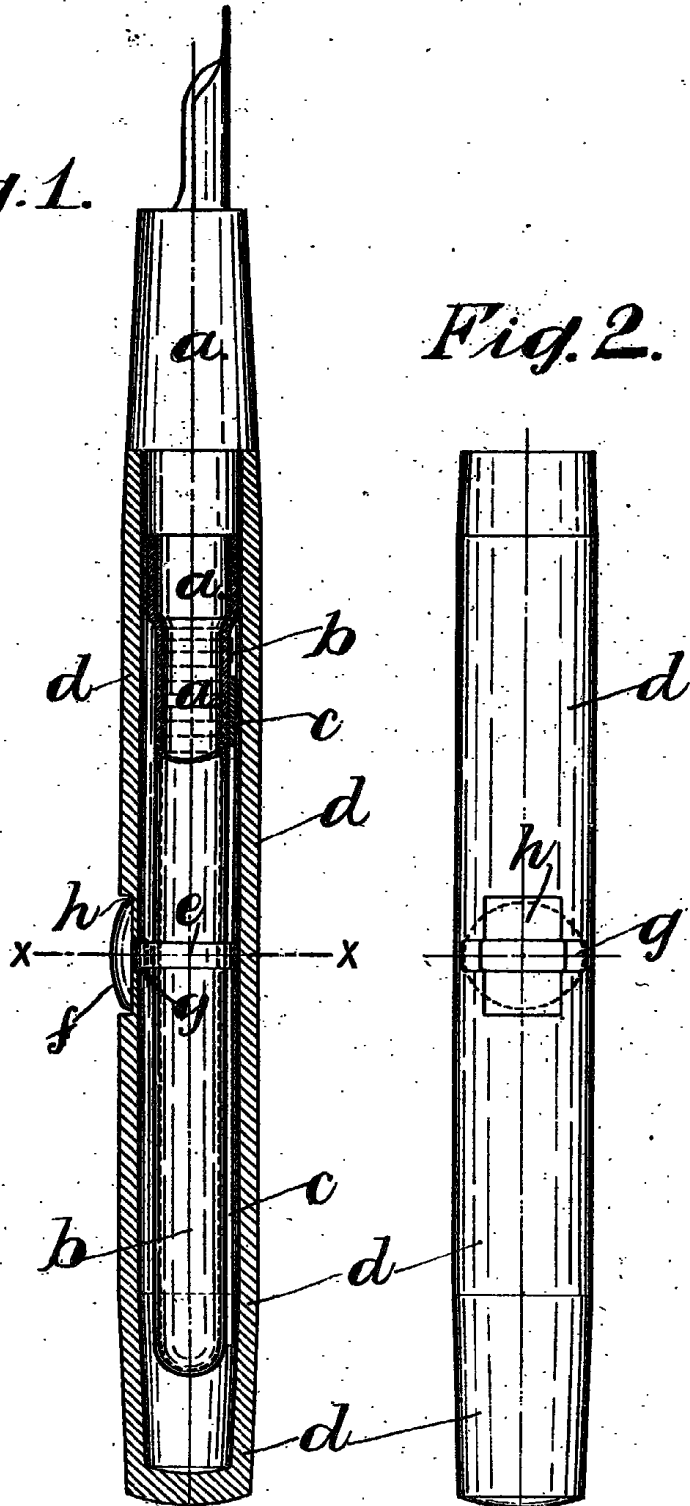
Dated this 18th day of March, 1913.

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

Fig. 1.

Fig. 2.

Fig. 3.



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