

No. 709,731.

Patented Sept. 23, 1902.

R. H. ASHCROFT.  
FILLING OR REFILLING FOUNTAIN PENS.

(Application filed June 6, 1901.)

(No Model.)

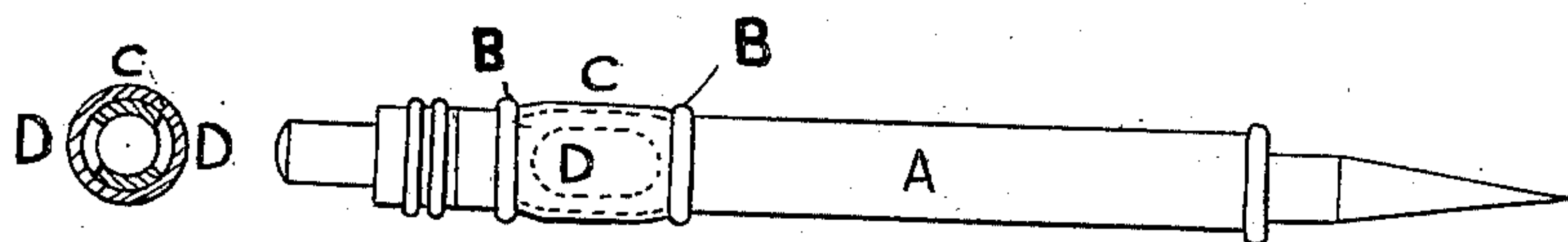


FIG. 2.

FIG. 1.

Witnesses

*H. B. [Signature]*  
*J. R. [Signature]*

Inventor

*Robert H. Ashcroft*  
By *James L. Norris*  
att'y

# UNITED STATES PATENT OFFICE.

ROBERT HENRY ASHCROFT, OF DUNEDIN, NEW ZEALAND.

## FILLING OR REFILLING FOUNTAIN-PENS.

SPECIFICATION forming part of Letters Patent No. 709,731, dated September 23, 1902.

Application filed June 6, 1901. Serial No. 63,430. (No model)

*To all whom it may concern:*

Be it known that I, ROBERT HENRY ASHCROFT, a subject of the King of Great Britain, and a resident of the city of Dunedin, in the  
5 British Colony of New Zealand, have invented new and useful Improvements in Filling or Refilling Fountain-Pens, of which the following is a specification.

This invention relates to fountain-pens, and  
10 more especially to a simple and efficient means for filling the barrel or reservoir with ink.

In the drawings accompanying and forming a part of this specification, Figure 1 is an  
15 elevation of a fountain-pen involving the invention. Fig. 2 is a cross-section through the same.

Like characters refer to like parts in both the figures.

The body or barrel of the pen is denoted  
20 by A, and it has near its butt or rear end the diametrically opposite slots D, the barrel being surrounded by a compressible sleeve, as C, preferably of rubber, which covers or completely closes these slots. When the tip of  
25 the pen is dipped in a supply of ink and the sleeve or bulb C is compressed, the latter when released will resume its initial condi-

tion, and as it does so ink will be drawn up into the barrel.

The invention is not limited to the size nor 30 particular location of the slots D, nor is it essential that two be formed.

To limit the movement of the rubber ring C, I place it between and in contact, or substantially so, with the rigid annular shoulders B on the outside of the barrel, although 35 other means may be provided for this purpose.

Having described the invention, I claim—

In a fountain-pen, a barrel having a pair of 40 circumferential and circular shoulders, and diametrically opposite slots between said shoulders, the opposite ends of the slots terminating short of the respective shoulders to thereby leave the barrel solid between the 45 ends of said slots and said shoulders, and an elastic sleeve embracing the barrel between said shoulders and the ends of the sleeve abutting against said shoulders.

ROBERT HENRY ASHCROFT.

Witnesses:

CHARLES PERCY HULME,

HENTON MACAULAY DAVEY.