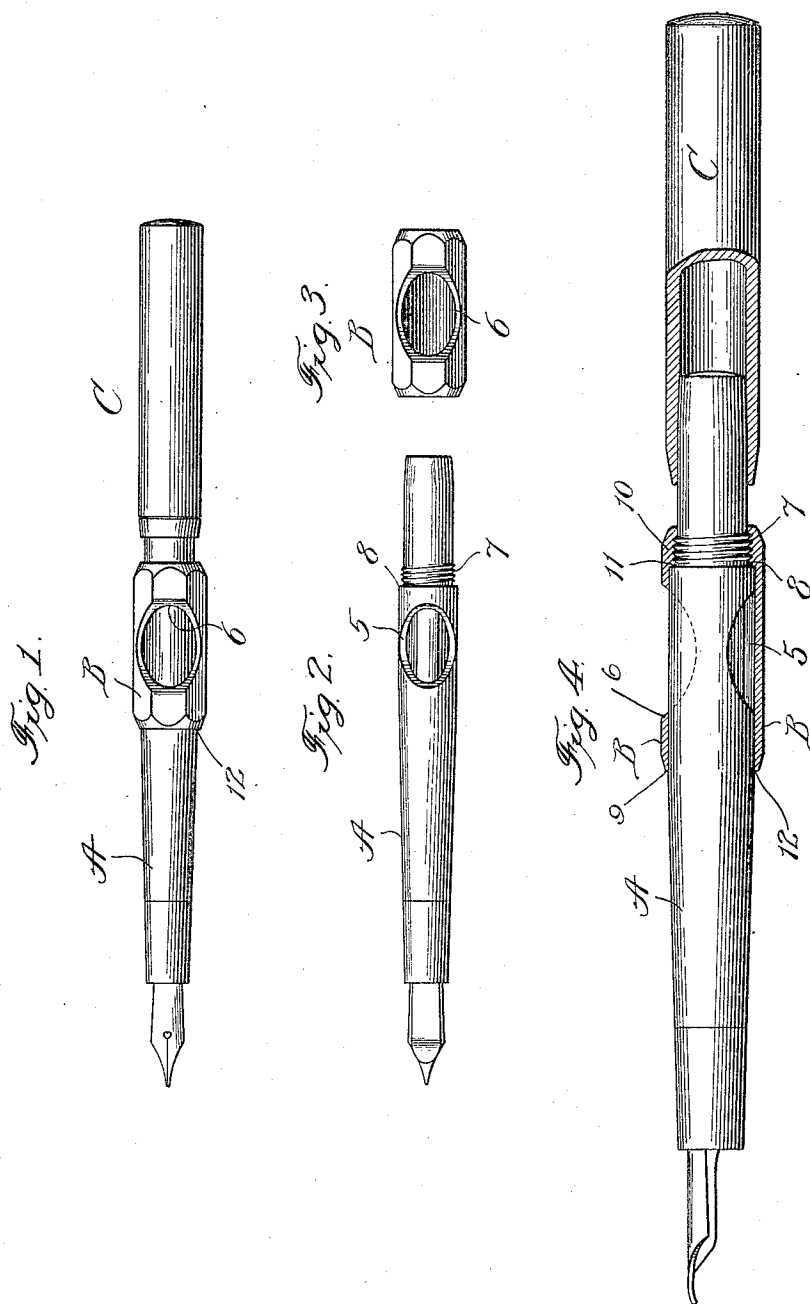


H. R. COIT.
FOUNTAIN PEN.
APPLICATION FILED NOV. 17, 1913.

1,124,592.

Patented Jan. 12, 1915.



Witnesses:
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Atty.

UNITED STATES PATENT OFFICE.

HENRY R. COIT, OF CHICAGO, ILLINOIS.

FOUNTAIN-PEN.

1,124,592.

Specification of Letters Patent.

Patented Jan. 12, 1915.

Application filed November 17, 1913. Serial No. 801,482.

To all whom it may concern:

Be it known that I, HENRY R. COIT, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Fountain-Pens, of which the following is a specification.

This invention relates to fountain pens and has for its principal object to simplify and cheapen the construction and proportionately increase the durability of the device. In a device of this character, lightness, durability and symmetry must be carefully considered in the production of an article that will prove to be a success commercially. If some of the parts are out of proportion and made heavier than necessary in order to secure sufficient strength at certain points, then the construction is faulty and should be remedied.

Figure 1 is a side elevation of a device embodying the improved features. Fig. 2 is a similar view with the sleeve and cap-part removed. Fig. 3 is a detached view of the sleeve-part. Fig. 4 is a somewhat enlarged view, showing the sleeve and a portion of the cap-part in longitudinal section.

As the improvement relates to a single feature, a general description of the device will be omitted.

A represents the barrel or body-part, B a sleeve and C a tubular cap.

The barrel is provided with the usual opening 5 for the insertion of a finger in the operation of filling the ink-chamber, and the sleeve B with a corresponding opening 6. In this instance the barrel A is provided with a threaded part 7 and a stop-shoulder 8 located back of the finger opening 5. The removable sleeve B is provided interiorly and at the rear end 9 with a correspondingly threaded surface 10 to engage the threaded part 7, as best shown in Fig. 4, the sleeve being in its mounted engaged position, the finger opening in the barrel being closed. The sleeve B is also provided interiorly with a shoulder which comes to a stop against shoulder 8 on the barrel-part. It will be noted that the inner end of the sleeve has no threaded connection, having only a close telescopic fit. The exterior surface of the barrel, in advance of the finger opening, is free from a weakening shoulder or threaded

part at the junction with the inner end 11 of the sleeve and therefore entirely obviating the liability of the barrel being fractured at that point, and also permit of the barrel being made of lighter and therefore thinner material which is also an advantage. The sleeve B may also be made proportionately lighter. Under the ordinary conditions when the barrel was provided with a threaded surface and a stop shoulder in advance of the finger opening for the engagement of the inner end of the sleeve-part, had a tendency to weaken the barrel at that point and often did result in a fracture. To obviate this fault the wall of the barrel was thickened which increased the diameter beyond the symmetrical proportions and made the device feel clumsy in the hand.

Another advantage of the present improvement is that the threaded sleeve-parts are in the exact place that is grasped by the fingers in the operation of manipulating the sleeve in bringing the finger openings into and out of coincident relation.

Having thus described my invention, what I claim is:—

1. In a device of the class described, a barrel-member having a finger opening and provided with a threaded-part and a stop-shoulder back of said opening, and a telescoping sleeve member provided with a corresponding opening and having its back end threaded interiorly and provided with a stop-shoulder adapted to engage the shoulder on the barrel-member when the barrel and sleeve member are joined in a threaded engagement.

2. In a device of the class described, a barrel-member having an opening therein and provided with a threaded part and stop-shoulder back of said opening, sleeve-member having an opening therein and threaded interiorly back of the sleeve-opening and provided with a shoulder coming to a bearing against said stop-shoulder when the parts are assembled.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY R. COIT.

Witnesses:

A. H. STANTON,
G. E. CHURCH.