

F. H. MOONEY.
FOUNTAIN PEN CLIP.
APPLICATION FILED OCT. 20, 1915.

1,171,624.

Patented Feb. 15, 1916.

Fig. 1.

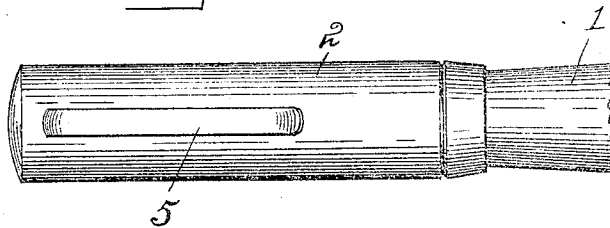


Fig. 2.

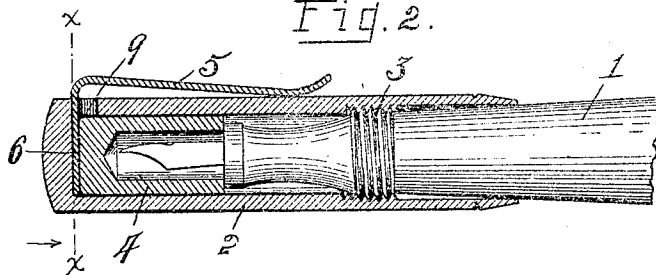


Fig. 3.

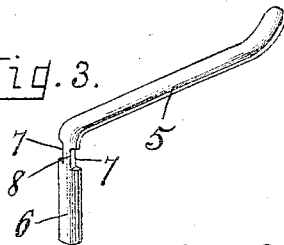


Fig. 4.

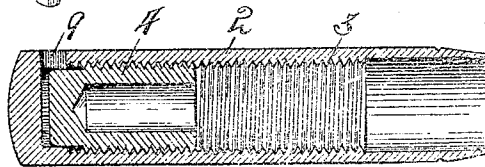
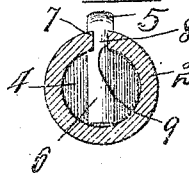


Fig. 5.

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UNITED STATES PATENT OFFICE.

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FOUNTAIN-PEN CLIP.

1,171,624.

Specification of Letters Patent. Patented Feb. 15, 1916.

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To all whom it may concern:

Be it known that I, FRANK H. MOONEY, a citizen of the United States, and a resident of Hinsdale, in the county of Dupage and State of Illinois, have invented a certain new and useful Fountain-Pen Clip; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form a part of this specification.

This invention relates to clips or retainers for fountain pens, and more particularly to means for securing the clip to the pen.

The object of my invention is the provision of simple and efficient means of the character described which is capable of being easily and quickly secured to the cap member of the pen barrel without the use of rivets, retaining bands, or the like, whereby to enhance the practicability and commercial value of devices of this class.

The invention is fully described in the following specification, and while, in its broader aspect, it is capable of embodiment in numerous forms, a preferred embodiment thereof is illustrated in the accompanying drawing, in which,—

Figure 1 is a side view of the cap end of a pen equipped with a clip embodying my invention. Fig. 2 is a fragmentary longitudinal section through the same. Fig. 3 is a perspective view of the clip removed from the cap. Fig. 4 is a cross-section of the cap on the line *x, x*, in Fig. 2, and Fig. 5 is a central longitudinal section of a cap with the clip removed and illustrating the clip holding plug within the cap as being threaded therein.

Referring to the drawings, 1 designates the barrel of a fountain pen and 2 the customary cap for fitting over the barrel end to protect the pen point carried thereby. The cap 2, in the present instance, is shown as being removably threaded to the barrel, as at 3, and is provided with the customary inner cap or plug member 4, which has a socket for receiving the pen point and forms a shoulder within the cap 2 against which the pen point carrying end of the barrel may seat when the cap is in position on the barrel end, as shown in Fig. 2.

The clip 5 embodying my invention comprises a strip of spring metal preferably of ribbon or flattened form, said strip being of L-shape and having its short leg 6 notched in the opposite edges thereof adjacent to the angle of the clip, as shown at 7, whereby to narrow the clip at such point to provide said leg with the narrowed portion 8.

The cap 2 is provided in a side thereof adjacent to its closed end with an opening 9, which is elongated lengthwise of the cap and has its outer end flush with the inner end wall of the cap socket. The opening 9 is equal in length to the width of the leg portion 6 of the clip 5 and in width is substantially equal to the width of the restricted portion 8 of said leg, while the length of the restricted portion 8 is substantially equal to the depth of the opening 9 or the thickness of the cap wall at such point. This enables the leg 6 of the clip to be inserted into the opening 9 when the long leg of the clip is disposed transversely of the cap, and when the short leg 6 has been inserted preferably to its full extent, or a sufficient extent to place the restricted portion 8 thereof in register with said opening, the clip may be turned to a position which will place its long leg lengthwise of the cap, as shown in Figs. 1 and 2, the notches 7 and side walls of the opening 9 interengaging in such position so as to lock the leg 6 against withdrawal from the opening, as best shown in Fig. 4. When the leg 6 of the clip has been inserted in this manner into the cap 2 through the opening 9, the inner cap or plug member 4 is forced against said leg to coact with the end wall of the cap socket to firmly grip the leg, the plug member 4 being held in such gripping position either by reason of its tight fit within the cap or from any other cause. For instance, if desired, the plug member 4 may be threaded into the cap 2 as illustrated in Fig. 5, such threads being a continuation of the threads 3 with which the threaded end portion of the pen barrel engages when the cap is fitted thereon. It is evident that this provides a most efficient and simple manner of securing the clip to the cap 2, as it is only necessary to insert the leg 6 of the clip through the opening 9 with the clip disposed transversely of the cap, then to turn the clip to interengage the notches 7 thereof with the

side walls of the opening 9 and place the long leg of the clip lengthwise of the cap, and then to force the plug member 4 of the cap against the registering clip leg to firmly hold such leg within the closed end of the cap socket.

I wish it understood that my invention is not limited to any specific construction, arrangement or form of the parts except in so far as such limitations are specified in the claims.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is—

1. The combination with a fountain pen cap having an opening in its side adjacent to the closed end of its socket, of a clip of L-form having its short leg provided near its inner end with a restricted portion for interengaging with the side walls of said opening when the short leg of the clip is inserted a predetermined distance into said opening and the long leg of the clip is placed lengthwise of the cap, and means within the cap operable to coact with the end wall of the cap socket to grip the short leg of the clip and firmly hold the clip in operative relation to the cap.

2. In a fountain pen, the combination of a cap having an opening in a side thereof flush with the end wall of the cap socket, said opening being elongated lengthwise of the cap, a spring metal clip of L-form having its short leg of a width greater than the width of said opening and restricted adjacent to its inner end to conform to the width of the opening, said clip having its short leg inserted into said opening with its restricted portion interlocked with the

side walls of said opening when the long leg of the clip is disposed lengthwise of the cap, and an interior cap member fitted into said cap and cooperating with the end wall of the cap socket to firmly grip and hold the short leg of the clip in rigid relation to the cap.

3. In a fountain pen, the combination of a cap, having an opening in a side thereof adjacent to its closed end, said opening being elongated lengthwise of the cap and having its outer end substantially flush with the inner end wall of the cap socket, a spring metal clip of L-form having its short leg of a length to project through said opening and substantially to the opposite side of the cap socket and being of a width which is greater than the width of said opening and less than the length of the opening to permit the leg to be inserted through the opening when the clip is disposed transversely of the cap, said short leg also having a side edge notched adjacent to its inner end to restrict the width of the leg at such point to the width of said opening, whereby a turning of the clip from transverse to lengthwise position relative to the cap when the short leg is inserted a predetermined extent in said opening will lock said short leg against removal from the opening, and an interior cap member movably inserted within the cap and cooperating with the end wall of the cap socket to firmly grip the short leg of the clip to prevent a turning thereof relative to the cap.

In testimony whereof, I have hereunto signed my name to this specification.

FRANK H. MOONEY: