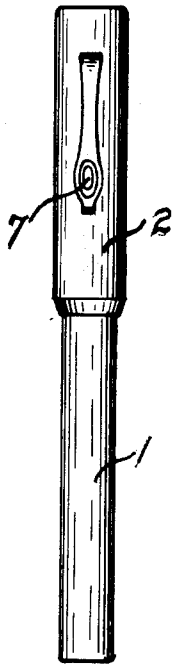
Aug. 14, 1928. 1,680,601

F. D. ELLIOTT

RETAINING CLIP

Filed May 3, 1927

Fig. 1



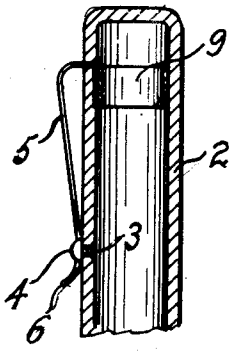


Fig. 2

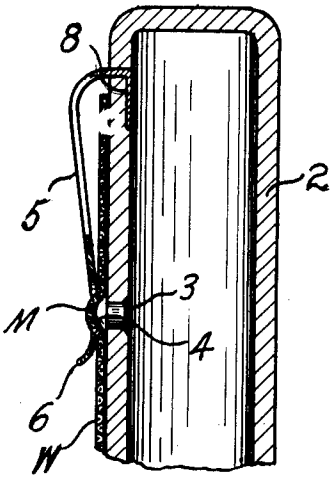


Fig. 3

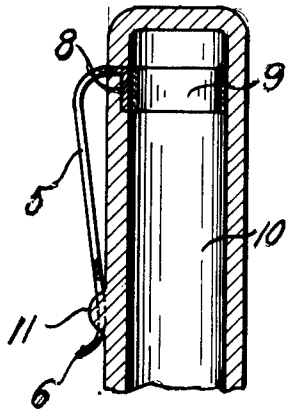


Fig. 4

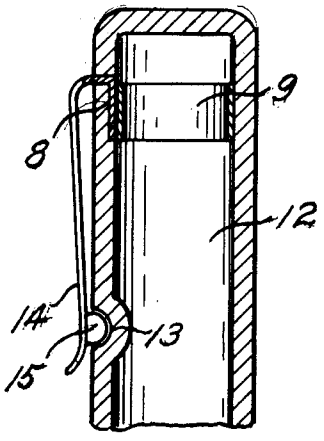


Fig. 5

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UNITED STATES PATENT OFFICE.

FREDERICK D. ELLIOTT, OF SEATTLE, WASHINGTON.

RETAINING CLIP.

Application filed May 3, 1927. Serial No. 188,520.

My present invention relates to improvements in retaining clips for use in combination with pens, pencils and similar articles, for the purpose of holding the article in the pocket in manner well known with regard to fountain pens. The primary object of my invention is to improve the well known type of resilient retaining clip by enhancing the frictional engagement of the clip with the wall of the pocket, or other flexible support, upon which the clip and article to which it is attached, are supported. For convenience of illustration I have shown the retaining clip in connection with the removable cap of a fountain pen of standard type, and in the drawings I have shown several modifications of the improved device embodying my invention. The invention consists in certain novel combinations and arangements of parts between the cap and the clip as will be hereinafter described. In the drawings I have illustrated several complete examples of the physical embodiment of my invention wherein the parts are combined and arranged according to my invention.

Figure 1 is an exterior view of a fountain pen with the clip of my invention attached to its cap.

Figure 2 is a sectional view of the cap with part of the clip in section also. Figure 3 is an enlarged sectional view showing the clip retaining the cap on a piece of fabric, as the wall of a pocket.

Figure 4 is a view showing a modified form of cap adapting it to use with the clip, and Figure 5 is a further modification of the cap adapting it for use with the clip.

In the conventional form of fountain pen illustrated in Figure 1 the barrel or body of the pen is designated as 1 and the removable cap for the pen is designated 2.

In Figures 2 and 3 the cap is provided with a rivet 3 extending transversely through its wall, and the rivet is fashioned with an exterior head 4 projecting from the outer surface of the cap 2.

The clamping or retaining clip comprises an arm 5 of resilient or spring metal fashioned at its free end with a head 6 and in the head 6 is formed an elongated opening or slot 7 adapted for co-action with the rivet head 4 in retaining the fabric of a pocket wall W (or other flexible material) between the head 4 and the slotted head 6 of the clip.

The clip is anchored or fixed at one end, as 8, to the material of the cap 5, the end being embedded or seated in the material of the cap when the latter is molded or otherwise fashioned. In some instances a metallic retaining ring 9 may be fixed within the upper end of the cap for anchoring the fixed end of the resilient or spring arm of the clip.

It will be apparent that when the fountain pen 1 with its cap in place is inserted in the pocket, the arm 5 is slipped over the edge of the pocket wall W and slides down the exterior face of the pocket wall. The projecting head 4 which is aligned with the slotted head 6, due to the resiliency of spring action of the arm 5 causes the material at M Figure 3 to be projected through the slot 7 of the head, and this enchanced frictional contact between the rivet head, material M and slotted head 6 of course holds the pocket in a firm clasp to prevent loss or displacement of the fountain pen.

In Figure 4 the cap 10 is provided with an integral, exterior head 11 projecting from its exterior face for co-action with the slot 7 in the head 6 of the resilient arm, and in Figure 5 the same effect is attained by providing the cap 12 with an exterior socket or depression 13 in its exterior face. The spring arm 14 of the clip is fashioned with a ball or head 15, which, due to the resiliency of the metal of the arm forces the pocket wall into the socket 13 for retaining the fountain pen in place. In Figure 4, the material of the pocket wall is held over the head 11 by the slotted head 6 in the same manner as that shown in Figure 3.

In all cases it will be apparent that the material of the pocket wall, or other suitable support, is firmly clasped between the resilient arm of the clip and the complementary member of the cap, to prevent displacement of the fountain pen or other article with which the clip is used.

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

1. The combination with a cap having an exterior head, of a clip arm of resilient material having one end anchored to the cap, and a slotted head at the free end of the clip

for co-action with the exterior head for clasping a supporting flexible material.

2. The combination with a cap having an exterior head, of a clip arm of resilient material fixed in the material of the cap and a retaining ring therefor, and a slotted head at the free end of the arm for co-action with said exterior head.

3. The combination with a cap having a rivet and an exterior head on the rivet, of a spring clip comprising an arm having one end anchored in the cap, and a slotted head on the other end of the arm for co-action with the rivet-head.

In testimony whereof I affix my signature.

FREDERICK D. ELLIOTT.