

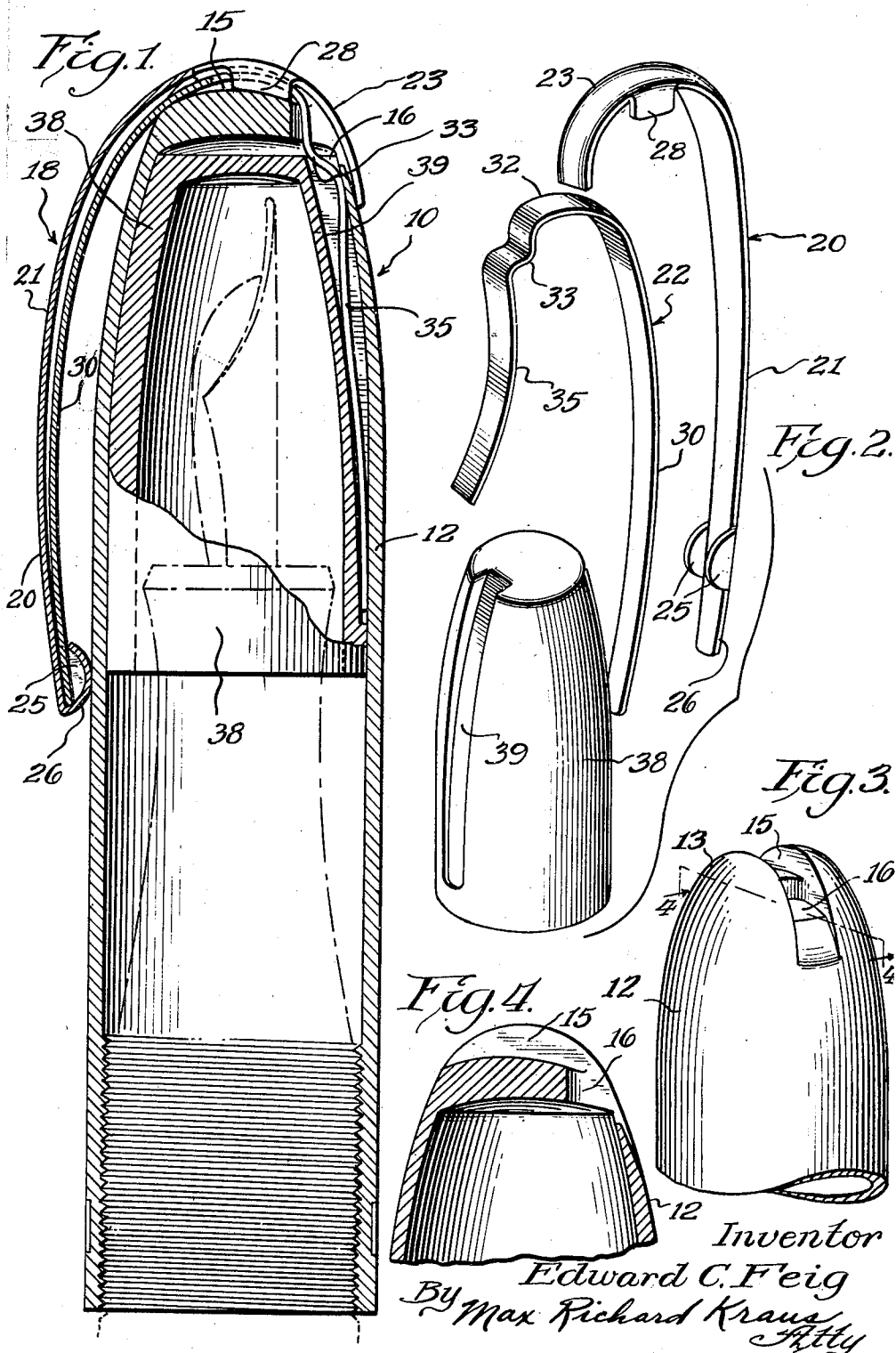
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POCKET CLIP

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## UNITED STATES PATENT OFFICE

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## POCKET CLIP

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4 Claims. (Cl. 24—10)

This invention relates to improvement in pocket clips for fountain pens, pencils and other articles on which pocket clips are used.

One of the objects is to provide a clip simple in construction and which is easily and readily applied to the article to be held and which cannot readily become separated therefrom.

Another object is to provide a highly resilient clip which will not be deformed by any unusual deflection and which will remain highly resilient for an indefinite length of time.

Another object is to provide a clip for fountain pens or the like which is simple and inexpensive, which is readily adaptable to any fountain pen cap and which is easily and quickly detached from said cap without injury to said cap and which can be easily and quickly secured to the cap without the use of rivets, retaining bands, or the like, thus increasing the commercial value of devices of this class and considerably reducing the expense thereof.

Other objects will become apparent as this description progresses.

In the drawing:

Figure 1 is a longitudinal cross section view of a fountain pen cap with my novel clip construction applied thereto.

Figure 2 is a composite perspective view of certain of the parts in disassembled relationship.

Figure 3 is a fractional perspective view showing the top portion of a fountain pen cap as embodied in my invention.

Figure 4 is a cross sectional view taken on line 4—4 of Figure 3.

The embodiment of the invention which is hereafter described while shown in connection with a fountain pen may be similarly adapted to pencils, clinical thermometers and the like.

Referring to the drawing wherein is shown a preferred embodiment of my invention, the numeral 10 designates, generally, a fountain pen cap comprising a tubular body 12 having a closed end portion 13. A channel 15 formed in the said end portion is provided with an aperture 16 and is arranged to receive the clip 18 presently to be described.

The clip 18 comprises an outer leaf 20 and an inner leaf 22 each formed preferably of a material having a suitable degree of resilience. The outer leaf 20 includes a shank portion 21 and a rearwardly arched portion 23 bent to an angle of approximately 180°. The shank portion is provided near its terminus with opposed lugs 25, 25 arranged to cooperate with the terminus of the shank portion to provide a bearing member 26.

Another pair of lugs 28, 28 are provided at the arched portion and are arranged to be folded under to secure the inner leaf member 22. The outer leaf 20 is concaved on its inner surface substantially throughout its length.

The inner leaf 22 comprises a bowed shank portion 30, a rearwardly arched portion 32, and a stepped or offset portion 33, terminating in a bowed portion 35. As seen in Figure 1 the inner leaf 22 is adapted to be assembled with the outer leaf 20 by fitting the leaf 22 against the concave surface of the outer leaf 20 and bending the lugs 28, 28 and the lugs 25, 25 and terminus 26, which terminus forms a bearing part. In such relationship both inner and outer leaves are permitted a small amount of longitudinal movement relative to each other.

A bushing 38 comprising a tubular member closed at one end and shaped to conform to the interior of the cap 12 is provided with a longitudinally extending groove 39 of suitable dimensions to accommodate the bowed portion 35 of the inner leaf 22.

In order to assemble the clip 18 with the cap 12, the leaf members 20 and 22 in assembled relation as previously described are fitted into the channel 15 with the bowed portion 35 extending through the aperture 16 into the interior of the cap. As will be seen in Figure 1, the terminus of the arched portion 23 is received in channel 15, but does not enter through the aperture 16 as does the inner leaf 22. The bushing 38 is then forced up into the cap 12 until its upper end is jammed against the under side of the top of the cap with the bowed portion 35 received in the longitudinal groove 39. This produces the assembly shown in Figure 1 with the bearing member 26 normally in contact with the side of the cap. However, it may be swung away therefrom against the natural resilience of the leaves, as by forcing a thickness of fabric between the bearing member and the wall of the cap as when sliding the article into a pocket. The resilient action of the leaves grips the interposed fabric so as to hold the cap against falling out.

It will be understood that various changes and modifications can be made without departing from the spirit and scope of the appended claims.

What I claim is:

1. In a clip for fountain pens comprising an outer leaf curved to fit over the top of a fountain pen cap, an inner leaf of resilient material secured to said outer leaf and extending beyond said outer leaf inwardly of said cap, a bushing

within said cap holding said extended portion of said inner leaf in place against the inner wall of the cap to securely lock said clip in position.

2. In a clip for fountain pens comprising an outer leaf curved to nest over the top portion of a fountain pen cap, an inner leaf of resilient material secured to said outer leaf and having a portion extending beyond said outer leaf, said extended portion fitting inside said cap, a bushing within said cap for maintaining said extended portion of said inner leaf between the bushing and the inner wall of the cap.

3. In a clip secured to caps of fountain pens comprising a cap having a channel in its top portion, an outer leaf, an inner leaf of resilient material secured to said outer leaf, said leaves nesting within said channel, said inner leaf having a portion extending beyond said outer leaf, said extended portion positioned inside said cap,

a bushing within said cap for maintaining said extended portion between said bushing and the inner wall of the cap.

4. In a clip secured to caps for fountain pens comprising a cap having a channel in its top portion and an opening adjacent thereto, an outer leaf, an inner leaf of resilient material secured to said outer leaf, said leaves nesting within said channel, said inner leaf having a portion extending beyond said outer leaf and extending through said opening into the inside of said cap, said inner leaf having an offset portion and a bowed portion which bowed portion is positioned adjacent the inner wall of said cap, a bushing within said cap fitting adjacent said bowed portion for maintaining same in locked position against the wall of the cap.

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