

W. E. MOORE.
 CLIP FOR FOUNTAIN PENS.
 APPLICATION FILED JULY 14, 1916.

1,204,053.

Patented Nov. 7, 1916.

Fig. 1,

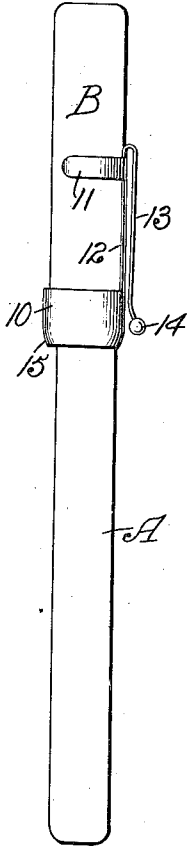


Fig. 2,

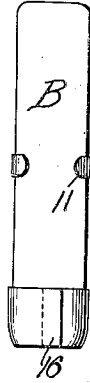


Fig. 3,

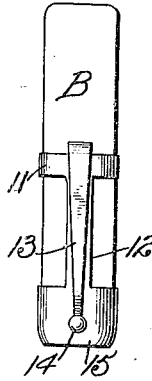


Fig. 4,

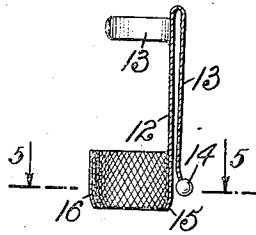


Fig. 5,

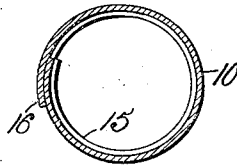


Fig. 6,

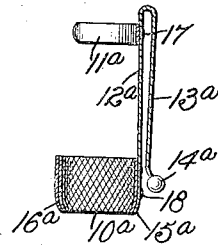


Fig. 8,

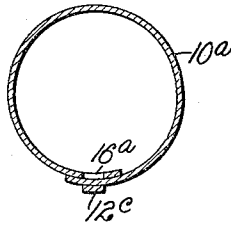


Fig. 10,

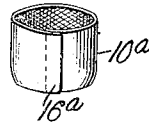


Fig. 7,

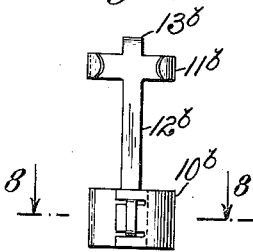
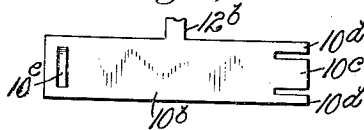


Fig. 9,



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CLIP FOR FOUNTAIN-PENS.

1,204,053.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM E. MOORE, a citizen of the United States, and a resident of Janesville, in the county of Rock and State of Wisconsin, have invented a new and Improved Clip for Fountain-Pens, of which the following is a full, clear, and exact description.

As is well known, the detachable caps on fountain pens frequently split and break at the open end thereof in being forced onto the body of the pen. The usual expedient to prevent breakage is a permanent band encircling the cap near the open end, the band being usually embedded in the material of the cap. Not every fountain pen is provided with the protective band referred to and with such pens as are not so equipped, breaking of the cap occurs frequently.

The prime object of my invention is to utilize the pen clip for protecting and reinforcing the open end of the cap. The stated purpose is attained by a construction that incidentally serves also to more securely retain the clip on the pen and at the same time to provide a clip of a character that will effectively take hold of the pen pocket.

The invention will be particularly explained in the specific description following.

Reference is to be had to the accompanying drawings forming a part of this specification in which similar reference characters indicate corresponding parts in all the views.

Figure 1 is a side elevation of a pen clip formed in accordance with my invention, showing the same applied to the pen; Fig. 2 is a similar view at right angles to Fig. 1, showing the clip applied to the cap, the body of the pen being omitted; Fig. 3 is a view similar to Fig. 2 but taken at the opposite side of the clip; Fig. 4 is a vertical section of the clip detached; Fig. 5 is a horizontal section on a larger scale the section being taken on the line 5-5, Fig. 4; Fig. 6 is a view similar to Fig. 4 but illustrating a slight modification; Fig. 7 is a front elevation of a clip showing a further slight modification; Fig. 8 is a section on the line 8-8, Fig. 7, on an enlarged scale; Fig. 9 is a developed view of the protecting band employed in the form shown in Figs. 7 and 8; Fig. 10 is a perspective view of the lower protecting band of the clip in the form shown in Fig. 6.

My improved clip includes a band 10 at the lower end, adapted to encircle the cap B of a pen A at the lower end of said cap. From the band 10 a body or shank 12 of the clip rises to extend alongside of the cap B and, near the upper end, said shank is provided with a clamp 11 presenting resilient side arms to partially embrace the cap B. The resilient clip proper 13 is return bent to range in a downward direction in the manner of clips usually employed to hold the pen in the pen pocket, and the lower outwardly disposed end may terminate in a ball 14, it being understood that the particular shape of the clip element 13 is not important.

The band 10 is of such a character that when applied to the cap B, the clip will be firmly held to the latter to be attached and detached with the cap. In order to perform its protective function, the band 10 is shaped at its lower edge as at 15 to conform to the edge of the cap at the open end thereof. The band is in the form of a broad split ring, the ends overlapping as at 16, whereby to completely encircle the cap and conform to variations in the sizes of different caps. The overlapping insures that the band completely encircles the edge to protect it, whereby to leave no section thereof without the reinforcing effect of the band. The provision of the band 10 and the upper clamp 11 also serves to increase the holding effect of the clip on the cap B.

In the form shown in Figs. 1 to 5, the shank or body 12 of the clip is integral with the band 10, whereas in the form shown in Fig. 6, the shank 12^a is riveted as at 18 to the band, here designated as 10^a. Also, the clamp 11 is riveted as at 17. The elements 13^a, 14^a, 15^a and 16^a, are the same as the corresponding features in the first construction. It is to be understood, of course, that the connection instead of rivets, may be by soldering or other expedients.

In the form shown in Figs. 7 to 9, the band 10^b has at one end a broad central tongue 10^c and upper and lower smaller tongues 10^d, while at the opposite end of the band a keeper 10^e is stamped up and offset to receive the tongue 10^c when the ends of the band are overlapped as in Figs. 7 and 8. The shank 12^b in this form of the invention may be integral with the band 10^b or secured in any suitable manner. The clamp 11^b and clip proper 13^b may be formed as

shown in either of the other forms referred to.

The clip is adapted to be made up and sold as a separate article to be applied to pen caps by the owners thereof. I thus provide in a unitary device presenting no strikingly unusual appearance, an effective means to prevent splitting of the cap, a clip to engage the pocket, and an improved holding means to retain the clip on the pen.

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

1. A clip for fountain pens, having means to clamp the same to a pen cap and prevent splitting of said cap, the same including a shank, a split band at the lower end of the shank, the ends of the band overlapping, a clip proper in fixed relation at its upper end to the shank and having the lower end terminating adjacent to the said band, and a clamp presenting resilient arms near the upper end of the said shank adapted to partially embrace the pen cap, the said split band constituting a reinforce and protector

for the lower end of the cap, the lower end of the band being inturned to conform to the lower end of the cap.

2. A clip for fountain pens, including a downwardly disposed clip proper adapted to engage a pen pocket, a clamp on the clip near the upper end adapted to engage a pen cap, and a protective band at the lower end of the clip adapted to embrace the pen cap at the lower edge thereof and constitute a reinforce to prevent splitting of said cap.

3. A clip for fountain pens, including a body, clamping means on the body to engage a pen cap, and a reinforcing protective band in fixed relation to the clip at the lower end thereof, the lower edge of said band being inturned to conform to the lower end of the cap, the band being split and having its ends overlapped, and constituting with its inturned edge a reinforce to prevent the cap from splitting.

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