

July 5, 1927.

1,634,772

C. C. CHRISMAN
PEN OR PENCIL CLIP
Filed Aug. 10, 1926

Fig. 1.

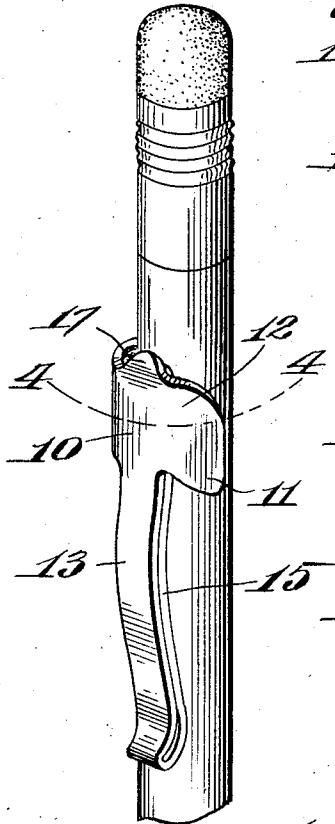


Fig. 2.

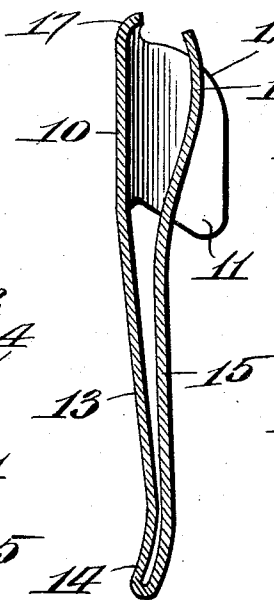


Fig. 3.

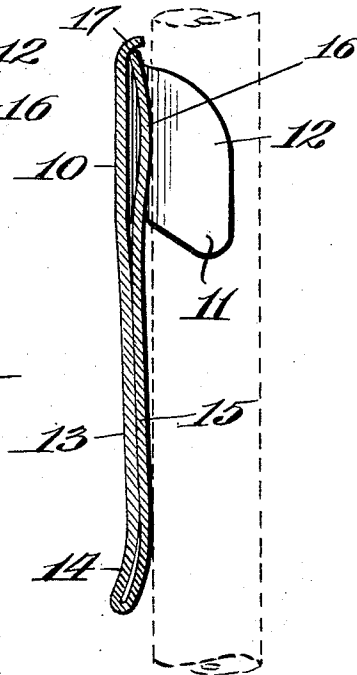


Fig. 4.

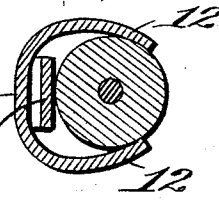


Fig. 5.

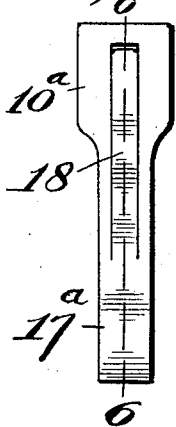


Fig. 6.

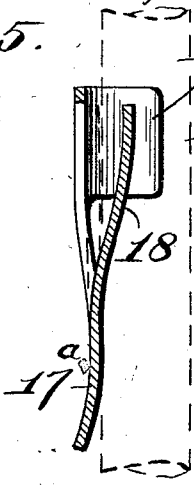
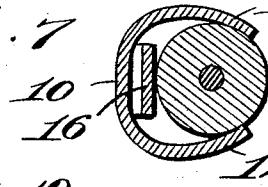
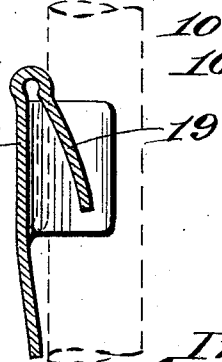


Fig. 7.



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PEN OR PENCIL CLIP.

Application filed August 10, 1926. Serial No. 128,348.

My invention relates to a clip that is adapted to be detachably applied to a pen or pencil for clamping and securing the same to the clothing when the pen or pencil is carried in the pocket and the principal objects of my invention are to generally improve upon and simplify the construction of the existing forms of pen or pencil clips; to provide a clip having a double spring element that is effective in materially increasing the gripping engagement between the clamp and pen or pencil and between the pen or pencil and the portion of the clothing to which it is temporarily secured; and further, to provide a device of the character referred to that is inexpensive of manufacture and which may be easily produced by reason of the fact that it may be struck or stamped from a single piece of material.

With the foregoing and other objects in view, my invention consists in certain novel features of construction and arrangement of parts that will hereinafter be more fully described and claimed and illustrated in the accompanying drawing, in which—

Fig. 1 is a perspective view of a portion of a pencil and showing a clip of my improved construction applied thereto.

Fig. 2 is a vertical section taken lengthwise through the center of the clip and showing the normal positions of the spring arms that form a part of said clip.

Fig. 3 is a vertical section taken lengthwise through the center of the clip and showing the positions assumed by the spring arms when the clip is applied to a pen or pencil.

Fig. 4 is a horizontal section taken on the line 4—4 of Fig. 1.

Fig. 5 is an elevational view of a modified form of the clip.

Fig. 6 is a vertical section taken on the line 6—6 of Fig. 5.

Fig. 7 is a vertical section taken on a central plane through the upper portion of a further modified form of the clip.

As illustrated, my improved clip is formed from a single piece of material, preferably sheet metal that has a certain amount of resilience. The main body 10 of the clip comprises a short vertically disposed member that is substantially semi-circular or horse shoe shaped in horizontal section and of such size as to receive the body of a pen or pencil.

The lower portions of the sides of this semi-circular body are extended downward

as designated by 11 so as to form on the free edges of the side portions of the body 10 elongated pen or pencil engaging ears 12, and which latter, it will be understood, yieldingly bear on the surface of the pen or pencil and retain the same in the semi-circular or horse shoe shaped body 10.

Depending from the intermediate portion of the body 10 is a narrow strip of resilient sheet metal 13 that functions as a spring and the lower portion of this spring member is curved gradually outward as designated by 14. From the lower end of this outwardly curved portion 14 the strip of metal extends inwardly, thence upwardly to form a secondary or supplemental spring 15, the width of which is approximately the same as the width of spring member 13, and the upper portion of the supplemental spring member 15 extends through the body 10 of the clip, and said upper portion is curved gradually outward toward the ears 12, as designated by 16.

This outwardly curved upper portion of the supplemental spring is designed to yieldingly engage the pen or pencil and to normally press the same against the ears 12. The upper end of the supplemental or secondary spring 15 terminates in a plane that is practically coincident with the plane that is occupied by the top of body 10.

Under normal conditions, or before the clip is applied to a pen or pencil, the double spring or the members 13 and 15 occupy the positions as illustrated in Fig. 2, and when the clip is positioned upon a pen or pencil, the curved upper end 16 of spring member 15 is necessarily forced inwardly toward the intermediate portion of the body 10 and the engagement of the ears 12 with the body of the pen or pencil causes the lower portions of the spring members 13 and 15 to flex slightly outward relative to their normal positions with the result that the face of the inner member 15 bears with a considerable degree of pressure against the pen or pencil body at a point a short distance below the points of engagement between the ears 12 and the pen or pencil.

The pressure of the upper portion 16 of spring member 15 against the pen or pencil cooperates with the yielding pressure exerted by the ears 12 in firmly anchoring the clip upon the pen or pencil and when a portion of the garment, for instance, that portion in front of a pocket, is passed between the dou-

ble spring members 13 and 15 and the body of the pen or pencil, the portion of the garment will be very securely clamped between the double spring members and the body of the pen or pencil, thereby effectually preventing accidental disengagement and loss of the latter.

Formed integral with the upper edge of the clip body 10 and at the center thereof is an ear 17 that is bent inward and this ear forms a bearing and stop for the upper end of the auxiliary spring 15, when the latter is forced inward by the inserted pen or pencil (see Fig. 3).

The bearing of the end of spring 15 against the ear 17 tends to increase the pressure of the curved portion 16 against the pen or pencil when the latter is positioned in the holder.

In the modified construction illustrated in Figs. 5 and 6, the substantially semi-circular body 10^a of the clip is provided with a single depending spring member 17^a that is adapted to bear against the engaged pencil a short distance below said body 10^a and stamped from the upper portion of the spring 17^a and the central portion of the body 10^a is a spring tongue 18, the upper portion of which normally extends upwardly between the ears 12^a on the sides of the body 10^a. When this form of clip is applied to a pencil, the free end of tongue is pressed rearwardly within the body 10^a and the pressure thus developed cooperates with the resilient ears 12^a in clamping the clip to the engaged pen or pencil.

In the modified construction illustrated in Fig. 7, a resilient tongue 19 is formed integral with and extends downwardly from the intermediate portion of the clip body 10^b and when this form of clip is applied to a pen or pencil, tongue 19 is pressed rearwardly and the resulting tension presses the engaged pen or pencil against the resilient ears on the sides of holder 10^b so as to very securely grip said pen or pencil and secure the clip thereto.

Thus it will be seen that I have provided a pen or pencil clip that is relatively simple in construction, capable of being easily and cheaply produced and which is very effective in performing the functions for which it is intended.

It will be understood that minor changes in the size, form and construction of the various parts of my improved clip may be made and substituted for those herein shown and described without departing from the spirit of the invention, the scope of which is set forth in the appended claims.

I claim as my invention:

1. A pen or pencil clip comprising a substantially semi-circular body formed of metal having a certain degree of resiliency, the end portions of which body constitute

inwardly curved ears that are adapted to receive a pen or pencil and a double spring, one part of which is formed integral with and depends from the intermediate portion of the semi-circular body and the other part of which extends upwardly in front of the depending portion of said double spring and the upper portion of which upwardly extending part terminates between the pen or pencil engaging ears.

2. A pen or pencil clip comprising a substantially semi-circular body that is adapted to receive a pen or pencil, the lower portions of the ends of which semi-circular body are extended downward to form pen or pencil engaging ears and a double spring, one part of which is formed integral with and depends from the intermediate portion of the semi-circular body and the other part of which extends upwardly in front of the depending part of said double spring and the upper portion of which upwardly extending part of said double spring terminates between the pencil engaging ears.

3. A pen or pencil clip comprising a substantially semi-circular body, a spring member formed integral with and depending from the intermediate portion of said semi-circular member and a portion of which spring member extends lengthwise through said semi-circular body.

4. A pen or pencil clip comprising a substantially semi-circular body, a spring member formed integral with and depending from the intermediate portion of said semi-circular member and a portion of which spring extends into said semi-circular body so as to exert pressure against that portion of the pencil that occupies said body.

5. In a pen or pencil clip, a substantially semi-circular body, the end portions of which are provided with depending inwardly curved pencil engaging ears, and a double spring formed integral with and depending from the intermediate portion of said body.

6. In a pen or pencil clip, a substantially semi-circular body, the end portions of which are provided with depending inwardly curved pencil engaging ears, a strip of resilient material formed integral with and depending from the intermediate portion of said body and which strip of material is bent double to form a pair of cooperating springs.

7. In a pen or pencil clip, a substantially semi-circular body, a strip of resilient material formed integral with and depending from the intermediate portion of said body, which strip of material is bent double to form a pair of cooperating springs and the end of one of which springs extends lengthwise through and terminates within said semi-circular body.

8. In a pen or pencil clip, a substantially semi-circular body, a spring formed integral with said semi-circular body and the terminal portion of which spring extends lengthwise through said semi-circular body between the sides thereof.

9. In a pen or pencil clip, a substantially semi-circular body, a spring formed integral with said semi-circular body, a portion of which spring extends into said semi-circular body between the sides thereof and a shoulder on said semi-circular body, which shoulder serves as a bearing for the end of the spring when a pen or pencil is positioned in the clip.

10. A pen or pencil clip comprising a substantially semi-circular body, a double spring, one part of which is formed integral with and depends from the intermediate portion of the semi-circular body, the other part of which spring extends upwardly through said semi-circular body and a stop formed on said semi-circular body, which stop provides a bearing for the end of the spring that extends through said semi-circular body when a pen or pencil is positioned in the clip.

In testimony whereof I affix my signature.

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CLARENCE C. CHRISMAN.