March 25, 1941. C. LORBER 2,236,194

FINGER CUSHION PENCIL HOLDER

Filed April 1, 1940

Fig. 1.

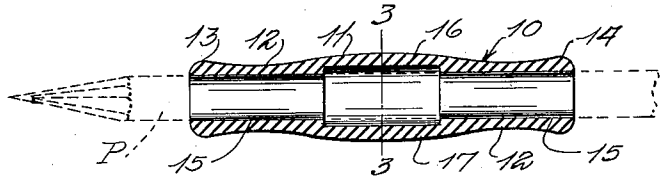


Fig. 2.

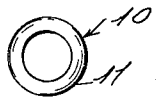


Fig. 3.

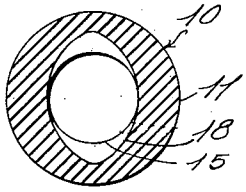


Fig. 4.

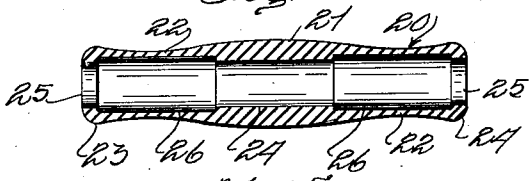


Fig. 5.

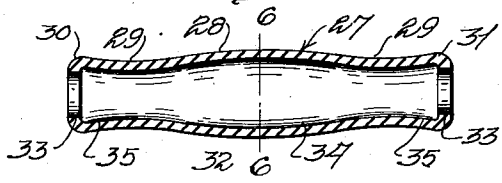
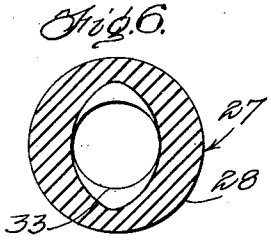


Fig. 6.



Inventor

Charles Lorber,

By

Attorney

Patented Mar. 25, 1941 2,236,194

UNITED STATES PATENT OFFICE

2,236,194

FINGER CUSHION PENCIL HOLDER

Charles Lorber, Louisville, Ky.

Application April 1, 1940, Serial No. 327,345

4 Claims. (Cl. 120—103)

This invention relates to writing implements such as pencils, pens, and the like, and has special reference to a finger grip attachment for writing implements.

Devices consisting of rubber sleeves adapted to fit over a pen or pencil have been used heretofore, but it has been common with such devices to make them of uniform diameter internally so that they are applied in contact from end to end of the device. Devices thus constructed are difficult to remove from the pen or pencil when it is desired to transfer them to another pen or pencil, because the close fit throughout their length tends to cause them to adhere to the article to which they are applied, and there is no way of breaking the engagement between the article and the device applied thereto.

One important object of the present invention is to provide an attachment of this general character wherein the device will have an air pocket or pockets between its ends so that, upon compressing the exterior, air is forced out of the pocket through an engaged portion of the device, and thus breaks the contact between the device and the article to which it is applied.

In the construction of finger grip attachments having such air pockets there has been found that it is desirable to have the attachment more easily flexed with respect to the air pocket in one direction than in the other.

It is a second important object of the invention to provide a device of this character wherein the air pocket will be substantially oval in cross-section, so that it can be more easily flexed in one transverse direction than the other.

A third important object of the invention is to provide attachments of this character with a plurality of air pockets, so arranged that not only will there be a pocket in the middle of the device, but there will also be a pocket adjacent each end of the device.

With the above and other objects in view, the invention consists in general of certain novel details of construction and combinations of parts hereinafter fully described, illustrated in the accompanying drawing and particularly pointed out in the appended claims.

In the accompanying drawing like characters of reference indicate like parts in the several views, and:

Figure 1 is a longitudinal section taken through one form of the invention and showing the same as applied to a pencil.

Figure 2 is an end view thereof.

Figure 3 is a greatly enlarged section on the line 3—3 of Fig. 1.

Figure 4 is a longitudinal section wherein there is provided a pair of air pockets located at respective ends of the device.

Figure 5 is a longitudinal section through a further modification of the invention.

Figure 6 is a greatly enlarged section on the line 6—6 of Figure 5.

In the invention as shown in Figures 1 and 2, the attachment is indicated in general at 10. This attachment consists of a tubular member preferably made of elastic rubber or other similar elastic material. The exterior of the device is provided centrally with an enlarged portion 11 and with neck portions 12 connecting this enlarged portion with end portions 13 and 14 of greater external diameter than the portions 12. Preferably the end portion 13 is of slightly greater diameter than the end portion 14, and the portion 13 is intended to be located close to the point of the pencil P or pen, so that the thumb and first and second fingers may grip the reduced portion 12 and be held in proper position by the enlarged 13.

In the form shown in Figure 4 the attachment is indicated in general at 20 and has a portion 21 of relatively large diameter connected by neck portions 22 of smaller diameter with end portions 23 and 24 of larger external diameter than the portions 22, portion 23 being of slightly larger external diameter than the portion 24 as in the previously described forms. In this form of the invention there is provided a central bore 24 and end bores 25 of such size as to fit closely on and grip the article to which the device is applied. Between the bore 24 and each bore 25 is provided a portion 26 of somewhat greater internal diameter air pockets are formed adjacent each end of the invention.

In the form shown in Figures 5 and 6 the attachment is indicated in general at 27 and has the usual central portion 28 of relatively large diameter, the neck 29 of less diameter and the ends 30 and 31 of larger diameter externally, the end 30 being slightly larger than the end 31. In this form the internal bore is sinuous from end to end as at 32 except that at the extreme ends the bore 33 is adapted to fit closely on the pencil or other article. Sinuous bore thus formed provides a larger central air pocket 34 and 2 small clearance pockets 35.

There has thus been provided a simple and efficient device which may be readily placed on a pencil and by compressing the part at the air

pocket may be caused to free itself from the writing implement on which it is used. Moreover, the provision of these air pockets makes it very easy to grip for writing purposes.

What is claimed, is:

1. A writing implement attachment consisting of a one piece sleeve of flexible rubber-like material having a bore for receiving the stem of a writing implement, the exterior surface of said attachment being circular in cross-section throughout its length, said bore having terminal portions adapted to fit closely on the implement and having at least one enlarged portion intermediate its ends forming a recess to provide an air pocket around the implement stem, the enlarged portion of the bore being oval in cross-section whereby to form alternate thin and thick portions in the wall of the sleeve.

2. A writing implement attachment consisting of a one piece sleeve of flexible rubber-like material of circular external cross-section throughout and having a bore for receiving the stem of a writing implement, said bore having terminal portions adapted to fit closely on the stem of a writing implement and having a plurality of enlarged portions intermediate its ends each forming an annular recess to provide an air pocket around the stem, the bore between adjacent air pockets being adapted to fit closely in circular formation around the implement stem, the enlarged portion of the bore being oval in cross-section whereby to form alternate thin and thick portions in the wall of the sleeve.

3. A writing implement attachment consisting of a one piece sleeve of flexible rubber-like material of circular external cross-section throughout and having a bore for receiving the stem of a writing implement, said bore having terminal portions adapted to fit closely on the stem of a writing implement and having a plurality of enlarged portions intermediate ends each forming an annular recess to provide an air pocket around the stem, the bore between adjacent air pockets being adapted to fit closely in circular formation around the implement stem, said bore having one air pocket centrally of its length and other air pockets between the central pockets and the ends of the attachment, the enlarged portion of the bore being oval in cross-section whereby to form alternate thin and thick portions in the wall of the sleeve.

4. A writing implement attachment consisting of a one piece sleeve of flexible rubber-like material of substantially uniform thickness in each longitudinal section of its wall to provide a bore for receiving the stem of a writing implement, said bore having terminal portions adapted to fit closely on the stem of a writing implement and having a plurality of enlarged portions intermediate its ends each forming a recess to provide an air pocket around the stem, the bore between adjacent air pockets being adapted to fit closely around the implement stem, the enlarged portion of the bore being oval in cross-section whereby to form alternate thin and thick portions in the wall of the sleeve.

CHARLES LORBER.