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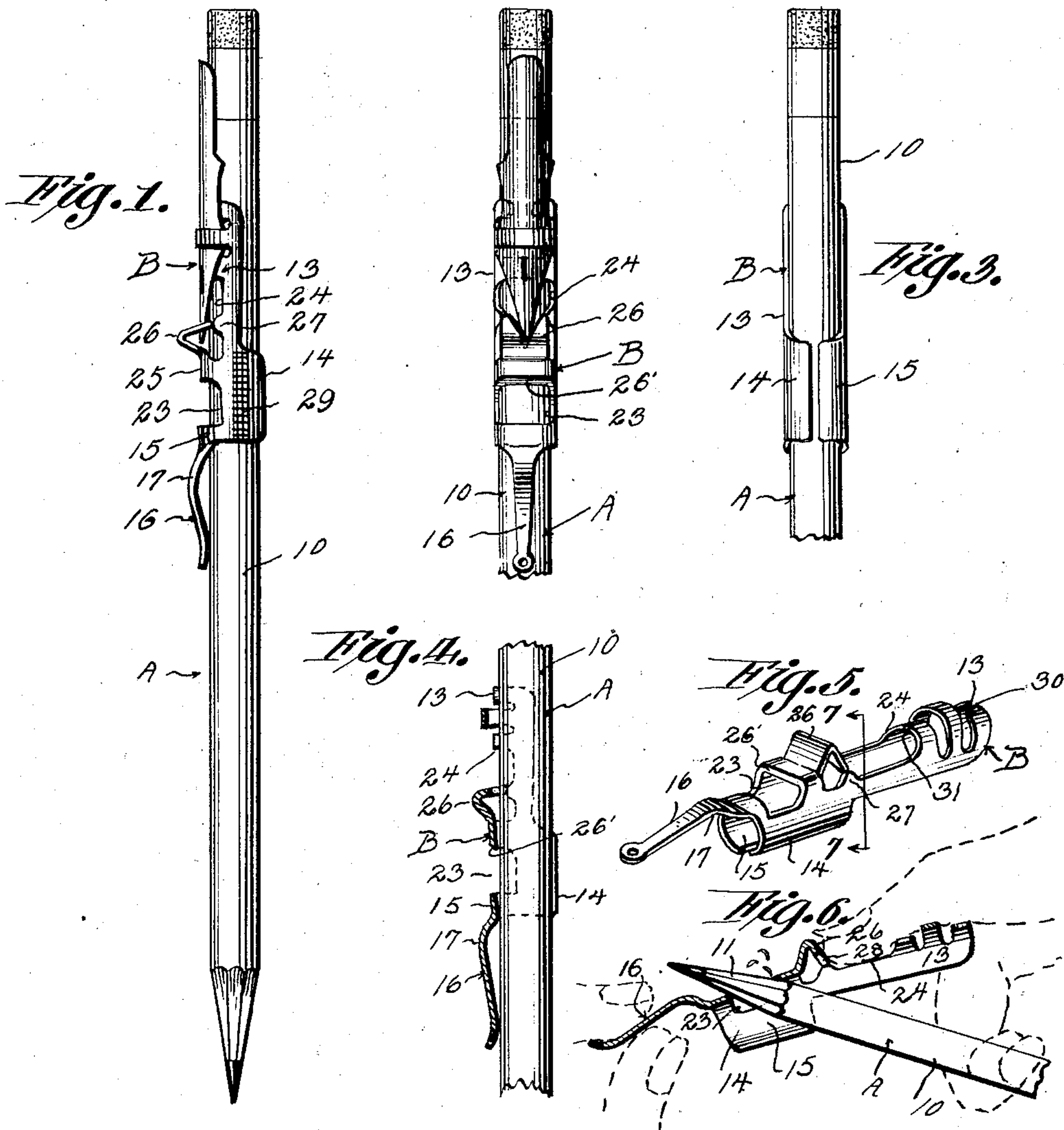
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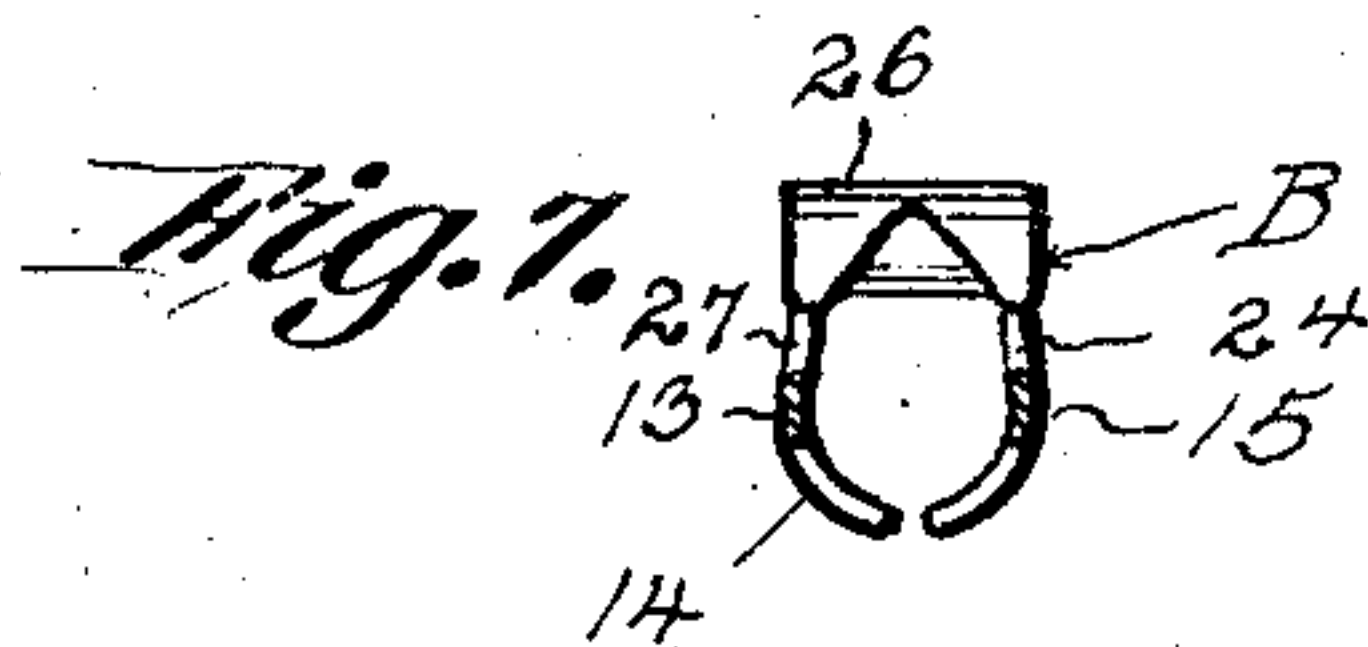
PENCIL SHARPENER

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Fig. 2.



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PENCIL SHARPENER

Application filed June 14, 1927. Serial No. 198,837.

This invention relates to pencil sharpeners.

The principal object of this invention is the production of a pencil sharpener, which will be durable, efficient in use, one that will be simple and easy to manufacture, and one which can be placed upon the market and incorporated with a conventional pencil at a small cost.

With the above and other objects in view, the invention consists in the novel construction, arrangement and formation of parts, as will be hereinafter more specifically described, claimed, and illustrated in the accompanying drawings, in which drawings:

Figure 1 is a side elevation of the improved attachment showing the same applied to a conventional pencil.

Figure 2 is a front elevation of the improved attachment showing the same on a pencil,

Figure 3 is a rear elevation of the attachment showing the same on the pencil,

Figure 4 is a longitudinal section through the attachment showing the same on a pencil,

Figure 5 is a perspective of the attachment removed from the pencil,

Figure 6 is a longitudinal section through the attachment showing the same in use for sharpening a pencil, and

Figure 7 is a transverse section through the attachment taken on the line 7—7 of Figure 5 looking in the direction of the arrows showing the formation of the thumb piece.

Referring to the drawings in detail, wherein similar reference characters designate corresponding parts throughout the several views, the letter A indicates a pencil and B the improved attachment therefor.

For the purpose of facilitating the carrying of the pencil sharpener, a pencil A is shown of the usual type.

The improved attachment B is preferably formed from a single strip of sheet metal and includes a body 13 which is arcuated transversely to conform to the configuration of a pencil. One end of the body is formed with arcuate ears 14 which form in connection with the body a cylindrical barrel portion 15, which receives and grips the body portion 10 of the pencil. One end of the body

13 is provided with an extension 16, which forms in connection with the pencil a clasp for engaging the pocket so as to prevent loss of the pencil. This extension 16 is curved arcuately as at 17 so as to slightly offset the same from the pencil adjacent to the barrel 15 and to add resiliency to the extension.

Directly inward of the pocket clip 16, the body 13 is provided with an elongated opening 23 and inward of the opening 23, a second elongated opening 24 is provided. The metal between the openings 23 and 24 is slightly struck out as at 25 to provide a straight transverse surface, which is beveled to provide a cutting knife 26', which is employed for sharpening the pencil, as will be later described. The metal forming the opening 23 is entirely removed, while the metal forming the elongated opening 24 is not cut entirely away but only the longitudinal side of the opening at one end. This metal is bent up above the surface of the body 13 to a substantially V-shape and forms a thumb rest and pusher 26. The side walls of the opening 24 can be provided with ears 27 for engaging the free end of the thumb rest.

It is also preferred to roughen the outer face of one ear 14, as at 29, so as to provide a file, which can be used for a number of different purposes.

The method of using the pencil sharpener is as follows, the pencil is inserted through the elongated opening 23 and the pencil is grasped in the right hand with the thumb against the thumb piece 26. The left hand can be used to grasp the pocket clip 16 so as to form a guide, and the attachment is moved along the pencil and the cutting edge into engagement with the wood and leg thereof. Thus it can be seen, by referring to Figure 6 by drawing the pencil rearwardly and moving the sharpener forwardly, that the pencil can be easily sharpened.

The forward wall of the opening 23 acts as a guide for the pencil, in this instance, and prevents the breakage of the pencil point during the sharpening process.

Changes in details may be made without departing from the spirit or the scope of this invention, but what I claim as new is:

1. A device of the character set forth, including a body, arcuate in cross section and provided with an opening and adjacent the opening with a transverse straight portion having a cutting edge arranged next to the opening and a thumb rest extending outwardly beyond said portion.

2. A device of the character set forth, including a body, arcuate in cross section and provided with an opening and immediately adjacent the opening with a transverse straight portion having a cutting edge arranged next to the opening, and a thumb rest carried by and extending outwardly from said portion.

3. A pencil attachment including a body arcuate in cross section for application to a pencil and provided in the side thereof with an opening and immediately adjacent the opening with a transverse straight portion having a cutting edge arranged next to the opening; and a member extending from an end of the body and of arcuate formation in longitudinal section with its free end arranged in contact with the pencil to prevent the cutting edge of said portion from engaging the pencil during the application of the device.

4. A device of the character set forth, including a body arcuate in cross section and provided with an opening and immediately adjacent the opening with a transverse straight portion having a cutting edge arranged next to the opening, a thumb rest extending outwardly from said portion, and a member extending from an end of the body and of arcuate formation in longitudinal section with its free end in contact with the pencil to prevent the cutting edge of said portion from engaging the pencil during the application of the device.

In testimony whereof I affix my signature.
JAMES A. TAYLOR.