

W. L. SELLECK.
PENCIL ATTACHMENT.
APPLICATION FILED MAR. 23, 1909.

965,235.

Patented July 26, 1910.

Fig. 1.

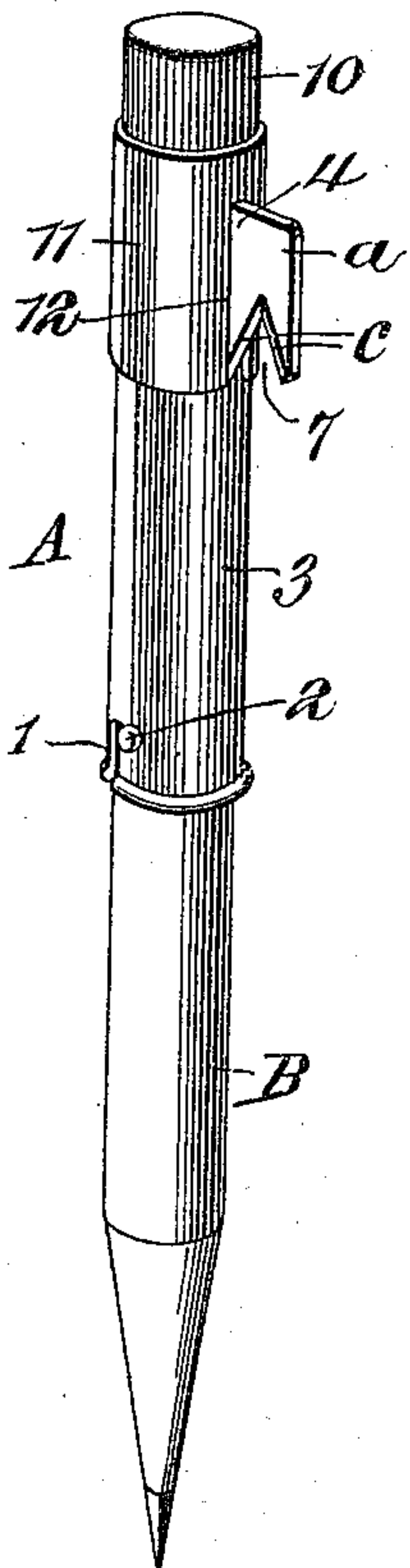


Fig. 2.

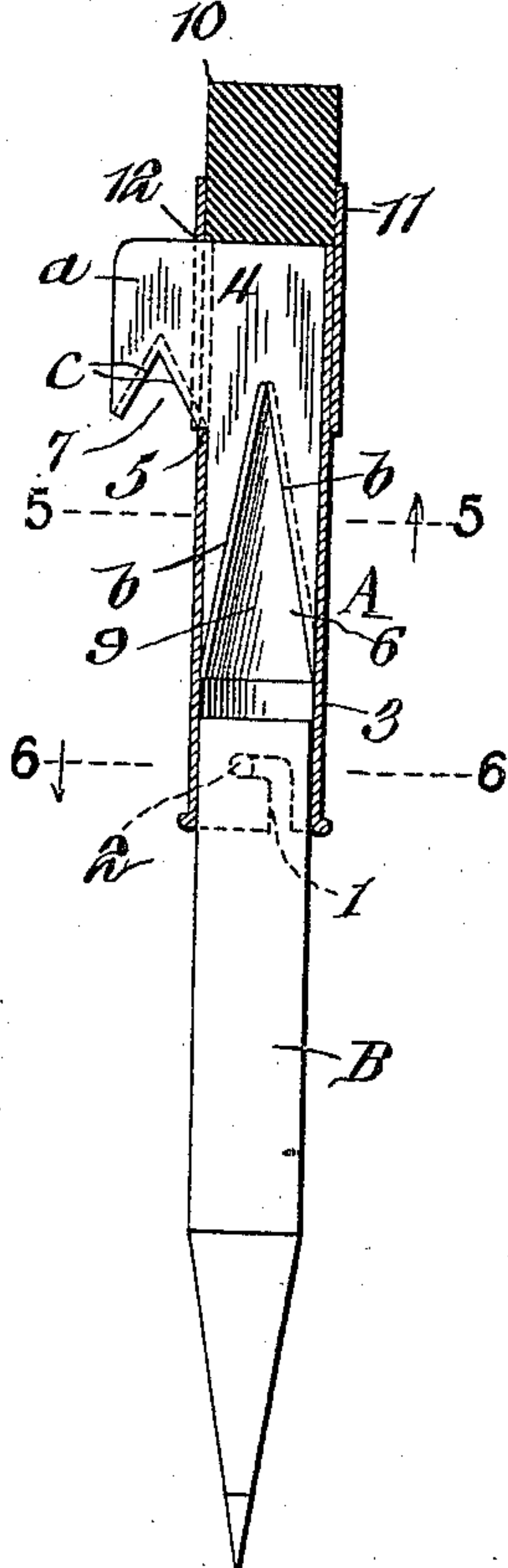


Fig. 3.

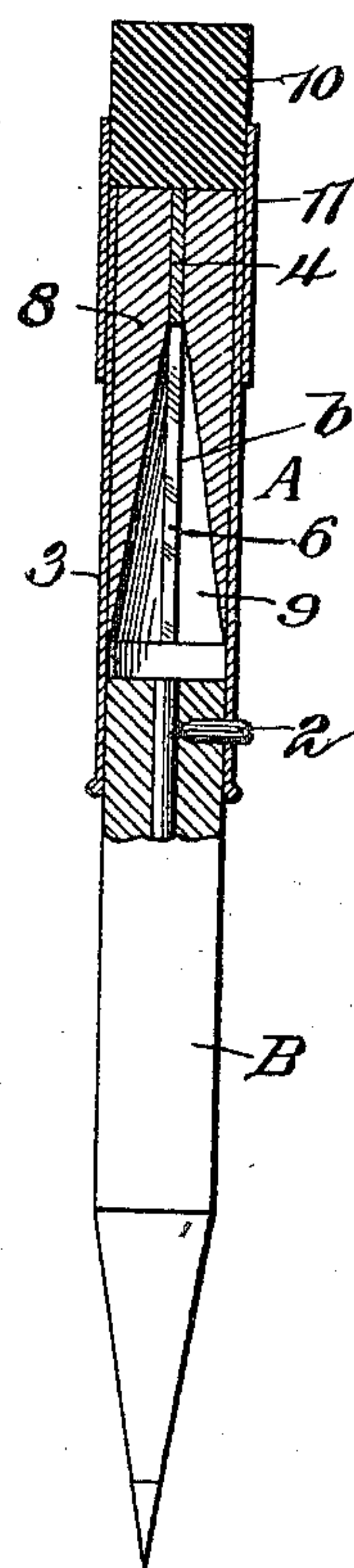


Fig. 4.

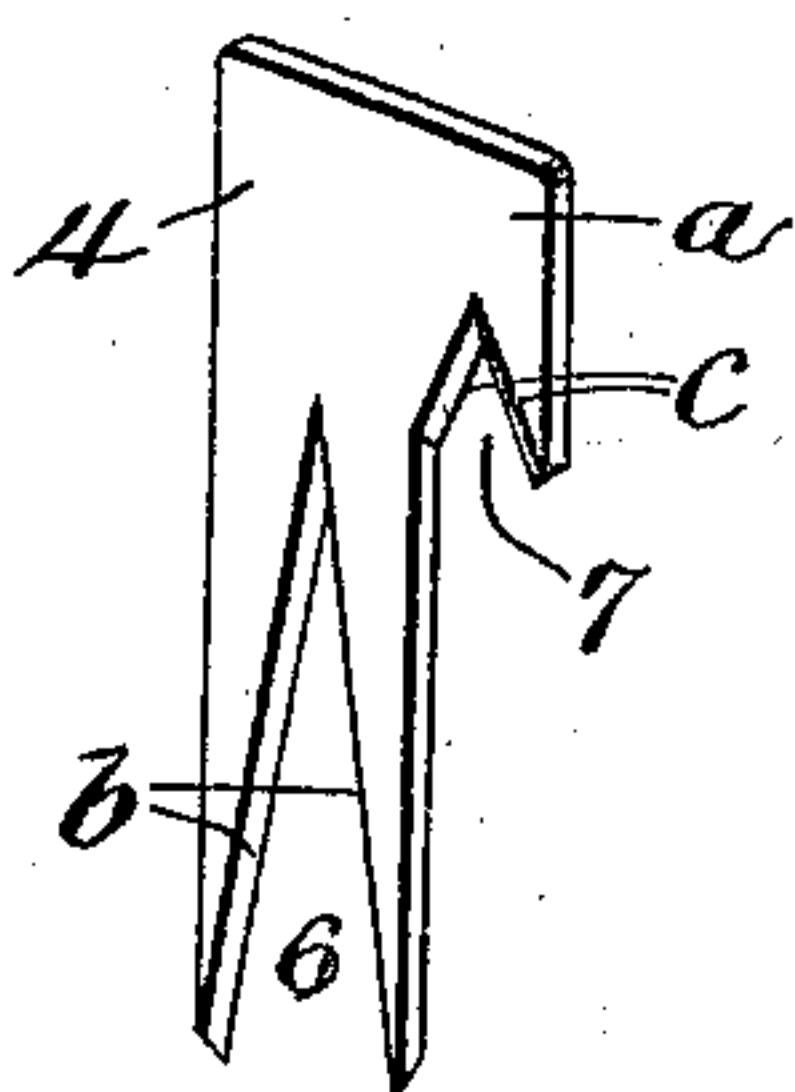


Fig. 5.

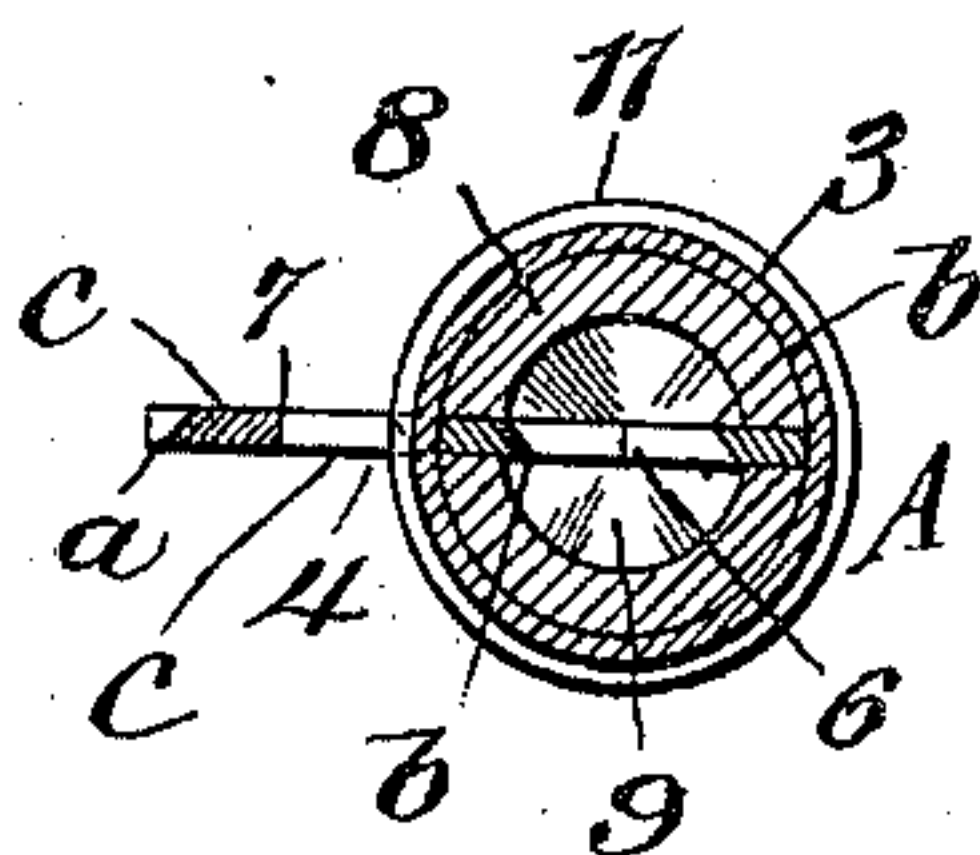
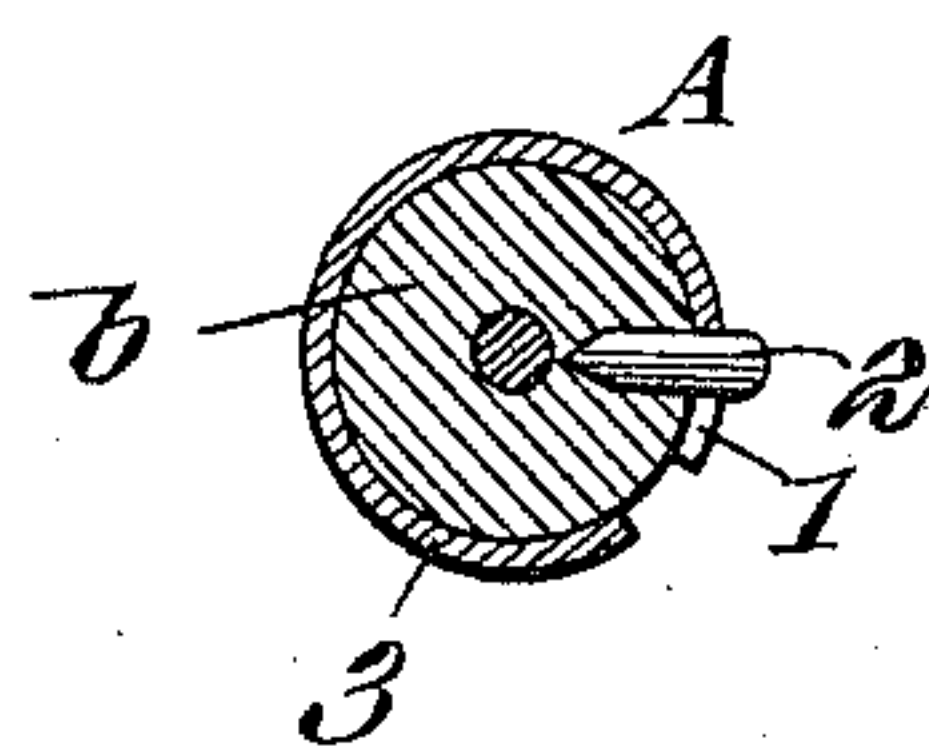


Fig. 6.



Witnesses
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UNITED STATES PATENT OFFICE.

WALLACE LAFAYETT SELLECK, OF DARLINGTON, WISCONSIN.

PENCIL ATTACHMENT.

965,235.

Specification of Letters Patent.

Patented July 26, 1910.

Application filed March 23, 1909. Serial No. 485,182.

To all whom it may concern:

Be it known that I, WALLACE L. SELLECK, a citizen of the United States, residing at Darlington, in the county of Lafayette and State of Wisconsin, have invented a new and useful Pencil Attachment, of which the following is a specification.

This invention relates to an attachment for pencils, and its primary object is to provide a combined pencil sharpener, twine cutter and eraser, which can be attached to a pencil and is especially useful for store clerks, bundle wrappers and the like, where ready means for sharpening the pencil and cutting twine is highly desirable.

Another object of the invention is the provision of a device of this character which is comparatively simple and inexpensive to manufacture, and readily manipulated.

With these objects in view and others, as will appear as the description proceeds, the invention comprises the various novel features of construction and arrangement of parts which will be more fully described hereinafter and set forth with particularity in the claims appended hereto.

In the accompanying drawings, which illustrate one embodiment of the invention, Figure 1 is a perspective view of the attachment applied to a pencil. Fig. 2 is a central vertical section thereof, taken in the plane of the pencil-sharpening blade and twine cutter. Fig. 3 is a similar section taken at right angles to a section of Fig. 2. Fig. 4 is a perspective view of the combined pencil sharpening and twine cutting blade. Figs. 5 and 6 are transverse sections taken, respectively, on line 5—5 and 6—6, Fig. 2.

Similar reference characters are employed to designate corresponding parts throughout the views.

Referring to the drawings, A designates, generally, the attachment which is adapted to be detachably secured to a pencil B, the attachment being applied to the latter in the present instance by fitting over the end of the pencil and being secured thereto by a bayonet joint that consists of a slot 1 which receives the pin or projection 2 on the pencil.

The attachment, in the present instance, consists of a sheet metal barrel or casing 3 of hollow cylindrical form which supports the blade 4. The blade 4 is preferably constructed of a flat piece of steel proportioned to be fitted in the barrel and having an extension *a* which projects laterally out of a

longitudinal slot 5 in the barrel, the said extension constituting a twine cutter. One end of the blade 4 is provided with a longitudinally-extending V-shaped slot 6, the edges *b* of which are oppositely beveled to form cutters whereby the pencil can be sharpened. The extension *a* or twine cutter has a V-shaped slot or recess 7, the edges *c* of which are beveled so as to effectively cut twine or the like. The blade 4 is located inwardly from the end of the barrel in which the pencil is fitted so that the barrel will constitute a guide for receiving the point end of the pencil when the latter is inserted for sharpening by the cutting edges *b*. The blade is held in place by a plug 8 formed of solder or other suitable material which serves to rigidly hold the blade in central position.

In attaching the blade, the same is inserted through the upper end of the barrel with the extension *a* projecting out of the slot 5, and then a die tapered like the finished pencil point is inserted in the barrel, the die having oppositely-disposed slots for receiving the cutting edges *b* of the blade. Molten solder is then poured in the open upper end of the barrel so as to fill the space at opposite sides of the blade, and upon removal of the die when the solder is cooled, a retaining plug is formed having a conical chamber 9 from which the cutting edges of the blades project a slight distance, as shown clearly in Fig. 5.

On the upper end of the barrel is arranged an eraser tip 10 which can be held in place in any suitable manner, as for instance, by a sleeve 11 fitted on the barrel and in which the rubber tip 10 is fastened, the sleeve being soldered or otherwise suitably secured to the barrel. As shown in the present instance, the sleeve has a longitudinal slot 12 registering with the slot 5 of the barrel so as to fit over the twine cutting portion of the blade. The projecting portion *a* of the blade, by extending through the recess 5, constitutes a key which, by engagement with the slot, prevents turning of the blade in the barrel, so that undue strain is not brought to bear on the two-part plug 8. Furthermore, the projecting portion of the blade prevents the sleeve 11 for the tip from turning.

In practice, the pencil is normally positioned in the attachment as shown in Fig. 1, and the pencil can be used in the usual man-

ner, as can also the rubber tip 10. In tying bundles, the cutting blade A is used for severing the twine or cord after the bundle is tied, the cord being engaged in the recess in one hand while the other hand holds the attachment to apply the necessary cutting pressure. When it is desired to sharpen the pencil point, the butt end of the pencil is removed from the attachment and the pointed end inserted until it contacts with the cutting edges. A relative rotary motion is imparted to the pencil and attachment, so that the cutting edges *b* will shave the pencil down to a sharp point.

From the foregoing description, taken in connection with the accompanying drawings, the advantages of the construction and of the method of operation will be readily apparent to those skilled in the art to which the invention appertains, and while I have described the principle of operation of the invention, together with the device which I now consider to be the best embodiment thereof, I desire to have it understood that the device shown is merely illustrative, and that such changes may be made when desired as are within the scope of the claims appended hereto.

Having thus described the invention, what I claim as new, and desire to secure by Letters Patent, is;—

1. In a device of the class described, the combination with a pencil-holding barrel having a longitudinal slot extending inwardly from one end, a flat rectangular blade of a width corresponding to the internal diameter of the barrel to fit therein and having a laterally-extending portion at one edge engaging in the slot to prevent turning of the blade, said blade having a longitudinally-extending recess at one end, the walls of which are beveled to form cutting edges, and a two-part plug disposed at opposite sides of the blade in bearing engagement therewith and fitted in the barrel, the said plug having a conical chamber into which the said cutting edges extend.

2. In a device of the class described, the combination of two cylindrical members fitted one over the other and having registering longitudinal slots each extending inwardly from one end, a blade located in one of the members in diametrical relation thereto and having a portion at one edge forming a key engaging in the slots of the members to prevent turning of the blade, and a plug fitted in the blade-containing member and having a chamber, said blade having a cutting edge extending into the chamber.

3. In an attachment of the class described, the combination of a barrel, an erasing tip sleeve secured to one end thereof, and a

blade mounted in the barrel at a point between the ends and having a portion extending out of the barrel and said sleeve in a radial direction, there being a V-shaped slot in the extending portion of the blade having its edges sharpened, the said projecting portion of the blade serving to prevent turning of the blade and sleeve.

4. An attachment of the class described comprising a barrel, an erasing tip in one end thereof, means for securing a pencil in the opposite end of the barrel, a blade arranged in and of a width equal to the internal diameter of the barrel with a portion engaging the latter and extending therefrom serving to prevent turning of the blade, said blade having cutting edges disposed inside and outside the barrel, and a retaining plug fitting in the barrel composed of separate parts located at opposite sides of the blade and having a conical chamber into which the inside cutting edges project.

5. An attachment of the class described comprising a barrel having a longitudinal slot, a longitudinally-extending blade arranged diametrically therein formed with a projecting portion at one side edge engaging in the slot for preventing turning of the blade, said blade having a V-shaped recess, and a two-part plug for retaining the blade in a central position and filling the space at opposite sides of the plug, said plug having a conical chamber into which the cutting edges of the blade project.

6. An attachment of the class described comprising a barrel having a slot, separate cutters arranged, respectively, inside and outside the barrel and having a connecting portion extending through the slot to prevent turning of the cutters, and a retaining means disposed in the barrel and fitted to the latter and inner cutter for holding the cutters in place.

7. An attachment of the class described comprising a barrel provided with a slot, a sleeve fitted on the barrel and provided with a slot registering with the first-mentioned slot, an eraser secured to the sleeve, a blade arranged in the barrel under the eraser and having a portion projecting out of the slots, means for retaining the blade in fixed position, said blade having pencil-sharpening edges located within the barrel and twine-cutting edges located outside the barrel.

In testimony, that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

WALLACE LAFAYETT SELLECK.

Witnesses:

M. L. SMITH,
L. A. TARRELL.