

A. W. ELSNER.
PENCIL POINT SHARPENER.
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938,835.

Patented Nov. 2, 1909.

Fig. I.

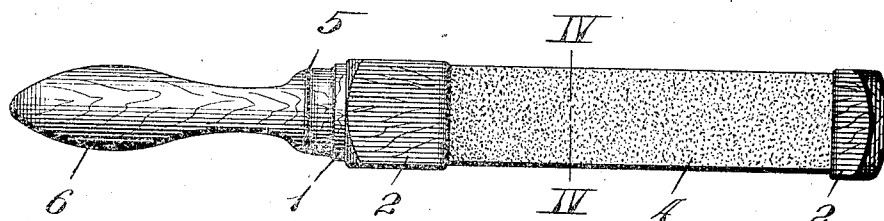


Fig. II.

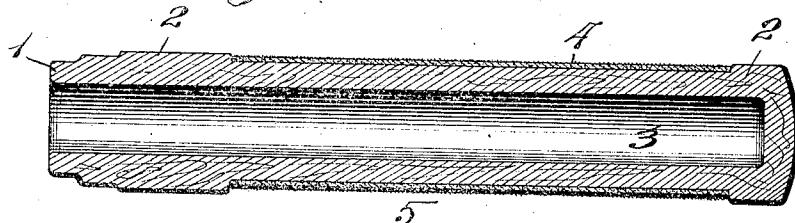


Fig. III.

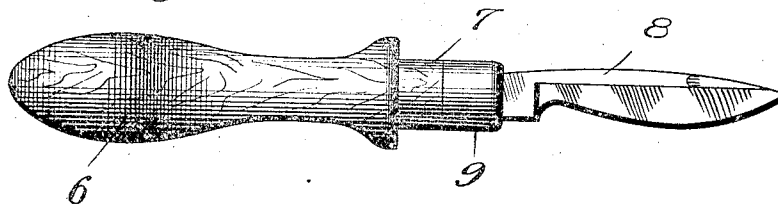
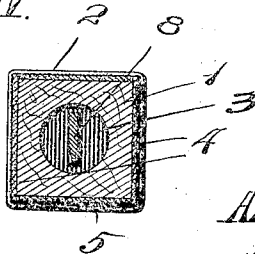


Fig. IV.



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PENCIL-POINT SHARPENER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ADOLPH W. ELSNER, a citizen of the United States of America, residing at the city of St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Pencil-Point Sharpeners, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to a device providing a sharpener for the points of lead pencils, in which there is one element that serves as a holder for abrasive material and as a knife casing or pocket member, and a second element that serves as a handle for the first named element and for a knife blade that occupies the pocket in the first named element when the knife is not in use.

Figure I is a side elevation of my device. Fig. II is a longitudinal section of the casing and holder of my device. Fig. III is an elevation of the handle of the casing and holder and knife blade. Fig. IV is a cross section taken on line IV-IV, Fig. I.

In the accompanying drawings, 1 designates a wooden abrasive material holder and casing provided at its ends with heads 2 having depressed surfaces between the heads and containing a pocket 3, open at the forward end of the holder and closed at the rear end of the holder. The holder is of polygonal shape, being preferably four sided, and it has attached to its sides, in the depressed surfaces beneath the planes of the sides of the heads 2, strips 4 of abrasive material. The abrasive strips are covered with abrasive substance, such as sand, emery, or carborundum, and the abrasive substances upon the strips are of different grades, thereby providing for the rapid abrading of a lead pencil point when it is rubbed upon one strip 4, having a coarse abradant thereon, and a less rapid abrading action when the pencil point is rubbed upon a strip 4, having thereon an abradant that is finer than that on the first named strip. Upon one of the sides of the holder 1 is a wiper strip 5, see Fig. IV, preferably of cloth, and upon which pencil points may be rubbed after being sharpened to remove therefrom particles of lead and render the points clean and smooth.

An important feature of the abradant holder is the provision of the heads 2 at its

ends which are larger than the body of the holder between said heads on which abradant substance is present. As a consequence of the presence of these heads, the abradant surfaces on the holder lie beneath the planes of the sides of the heads and when the holder is laid upon a piece of paper, such as a drawing, the abradant surfaces are held out of contact with the paper to prevent the transference of particles of lead to the paper to soil it.

6 designates a wooden handle provided at its inner end with a smooth stem 7 that is removably fitted into the pocket in the holder 1 and has mounted in it a combined whittling and erasing knife blade 8. Upon the stem of the handle 6 is a metal ferrule 9 by which the knife blade 8 is held in said handle. This metal ferrule furnishes a non-shrinking and non-expanding bearing member for engagement with the holder 1 when the stem of the handle is entered into the holder as distinguished from the use of the wooden stem alone which, if used without the ferrule, would be subject to shrinkage or expansion, due to atmospheric changes and be rendered unfit to properly seat in the holder.

When the abrasive strip holder is in use, the handle 6 is fitted thereto, as seen in Fig. I to provide a convenient means for holding and turning said holder during its use, and when the knife is to be used for whittling or shaving the wood from around the lead of a lead pencil, previous to abrading the pencil point, the handle may be instantly withdrawn from the holder and serve as the handle for the knife during the use thereof.

It is obvious that either of the strips 4 upon the holder of my device may be of such nature as to serve as an abradant or sharpener for the knife blade 8, so that said knife blade may be sharpened at any time when it becomes dulled, without the necessity of using anything aside from the device itself for sharpening such knife blade.

My device constitutes an extremely efficient and handy implement for the use of draftsmen and stenographers for the reason that it includes in a single device all the appliances necessary in removing the wood to produce pencil points and then sharpen said points.

I claim:—

A pencil point sharpener comprising a knife handle and a combined whittling and erasing knife blade in alinement with the
5 handle, and a knife blade casing and holder having depressed surfaces forming heads and lead abrading strips located on the

depressed surfaces; the handle of the knife also providing a handle for the casing and holder.

ADOLPH W. ELSNER.

In the presence of—

H. G. COOK,

EDNA B. LINN.