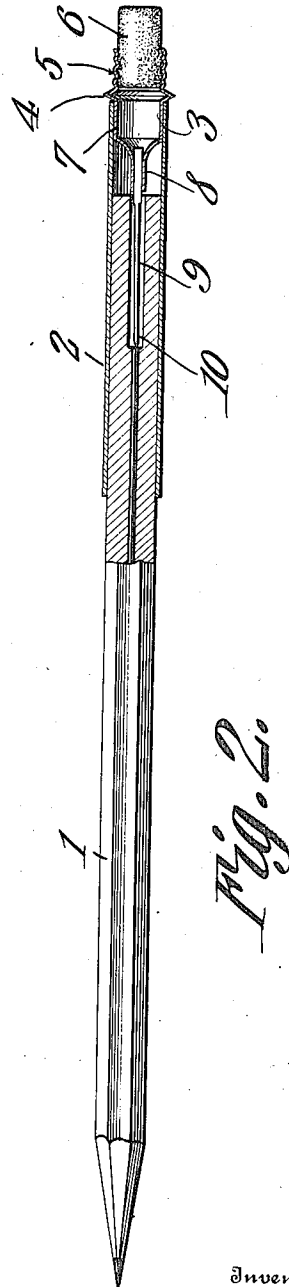
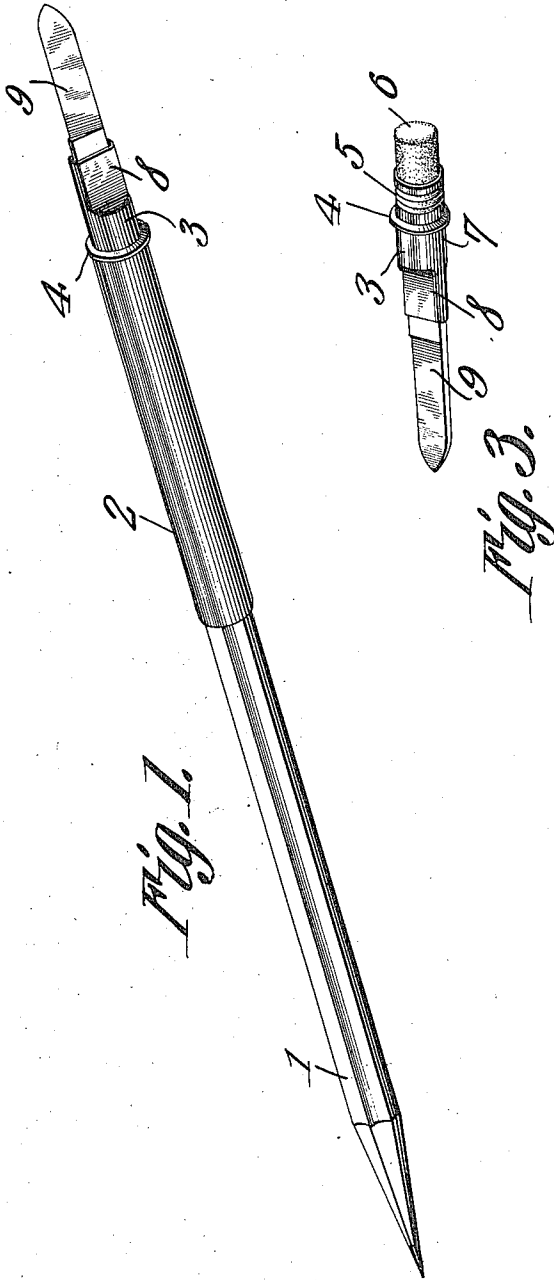


D. L. McBRIDE.
PENCIL SHARPENER.
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949,085.

Patented Feb. 15, 1910.



Witnesses:

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UNITED STATES PATENT OFFICE.

DWIGHT L. McBRIDE, OF PASADENA, CALIFORNIA.

PENCIL-SHARPENER.

949,085.

Specification of Letters Patent. Patented Feb. 15, 1910.

Application filed February 18, 1909. Serial No. 478,580.

To all whom it may concern:

Be it known that I, DWIGHT L. McBRIDE, a citizen of the United States, residing at Pasadena, in the county of Los Angeles and State of California, have invented a new and useful Pencil-Sharpener, of which the following is a specification.

This invention relates to pencil sharpeners.

10 The object of the invention is to provide an article of this character, combining the functions of a knife and eraser, that shall be adapted for ready connection with a lead-pencil, and in such manner as not to
15 add any objectionable length thereto, and which shall be simple in construction, efficient and durable in use, and ornamental in appearance.

20 With the above and other objects in view, as will appear as the nature of the invention is better understood, the same consists in a novel construction and combination of parts of a pencil-sharpener, as will hereinafter be fully described and claimed.

25 In the accompanying drawings forming a part of this specification, and in which like characters of reference indicate corresponding parts:—Figure 1 is a view of a lead-pencil equipped with the device of the present invention. Fig. 2 is a view in side elevation, partly in section, showing the pencil-sharpener applied to a pencil. Fig. 3 is a perspective detail view of the combined knife and eraser.

35 Referring to the drawings, 1 designates a lead-pencil, which is herein shown as polygonal in cross section, although it may be of circular contour and serve the same purpose. Slidably mounted on one end of
40 the pencil is a sheath 2, which serves to hold the novelty combined with the pencil, and also to prevent the knife from inflicting accidental injury to the person carrying it. This is designed to engage the pencil
45 with sufficient frictional grip to retain it and the combined knife and eraser against accidental detachment. The sheath may be either a seamless or a split tube, as preferred, the latter construction being, in some
50 cases, advantageous.

The combined knife and eraser comprises a sleeve 3, provided intermediate its ends with a circumferential bead 4, to limit its insertion into the sheath. One end, 5, of the sleeve is circumferentially corrugated to re-

tain a rubber eraser 6 properly combined therewith, and the other end 7 is provided with a tapering extension or socket 8, that is preferably rectangular in cross section for the greater portion of its length to receive the tang of the blade or knife 9, which may be of the style shown or otherwise, as preferred or found of advantage. The tang
60 may be held in the socket in any preferred manner, either by a rivet; by solder, or by cement, as may be found most convenient.

As above pointed out, it is one of the objects of the invention to obviate any objectionable increase in the length of a pencil tipped with the novelty of the present invention, and this is secured by providing the butt end of the pencil with a longitudinal cleft or slot 10 of sufficient extent to house the blade. The slot will of course be open at its sides, but this is of no moment, as the sheath extends beyond the cleft end of the pencil and the inner wall of the slot a sufficient distance to prevent any possibility of the knife inflicting injury to the person carrying it. Normally, the knife will
70 be housed within the pencil, thus leaving the eraser exposed for use, as shown in Fig. 2, but when the knife is required, the position of the sleeve is reversed to present the knife, as shown in Fig. 1.

85 If preferred, the pencil may be dispensed with, and the sheath and combined pencil sharpener and eraser be used as a convenient implement for office use.

I claim:—

90 The combination of a pencil having a longitudinal slot or cleft in its end, a sheath fitting on the end of the pencil and longer than said slot, a sleeve fitting within the sheath and provided with a circumferential bead adapted to engage adjacent the end of the same, one end of the sleeve being adapted to receive and hold a rubber and its opposite end being tapered to form a reduced angular extension, and a blade rigidly secured in said angular extension and projecting therefrom into the longitudinal slot in the end of the pencil.

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

DWIGHT L. McBRIDE.

Witnesses:

HARLEY F. NEWELL,
MARY R. HOLT.