No. 889,135. PATENTED MAY 26, 1908

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PENCIL SHARPENER.

APPLICATION FILED SEPT. 13, 1906.

Fig. 1.

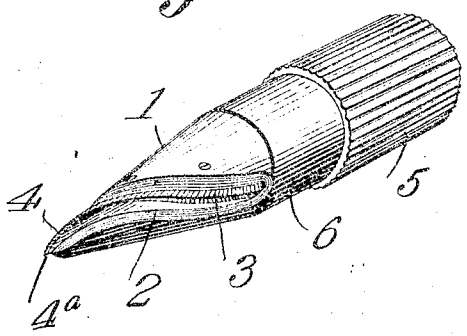


Fig. 2.

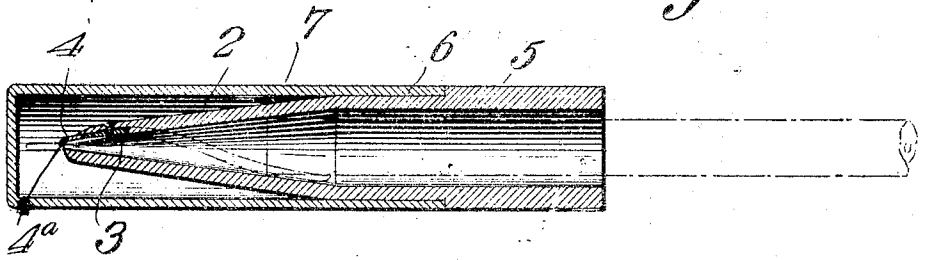
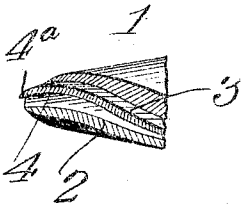


Fig. 3.



WITNESSES:

E. J. Stewart

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SAMUEL B. JONES, OF BUTLER, INDIANA; MINDA J. JONES ADMINISTRATRIX OF SAID SAMUEL B. JONES, DECEASED.

PENCIL-SHARPENER.

No. 889,135. Specification of Letters Patent. Patented May 26, 1908.

Application filed September 13, 1906. Serial No. 334,454.

To all whom it may concern:

Be it known that I, SAMUEL B. JONES, a citizen of the United States, residing at Butler, in the county of Dekalb and State of Indiana, have invented a new and useful Pencil-Sharpener, of which the following is a specification.

This invention relates to pencil sharpeners.

The object of the invention is to provide a simple and thoroughly efficient form of sharpener, which will smoothly and rapidly cut away the wood of the pencil, and at the same time point the lead.

With the above and other objects in view, as will appear as the nature of the invention is better understood, the same consists in the novel form of pencil sharpener hereinafter described and claimed.

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 in perspective of the sharpener. Fig. 2 is a longitudinal sectional view through the sharpener and through a cap or chip receptacle combined therewith, a lead pencil being exhibited in dotted lines. Fig. 3 is a detail view, in side elevation, of the apex or tip portion of the sharpener.

The sharpener comprises a hollow cone 1, provided in one wall with a spiral slot 2, extending from the apex of the cone to its base. Detachably secured to the inner surface of the cone and projecting beyond the edge of one wall of the slot is a knife 3, the cutting edge 4 of which corresponds in contour to the walls of the slot, the outer end 4^a of the knife being extended beyond the said apex to provide a lead-pointing member.

The base of the cone merges into a cylindrical body 6, a portion of the length of which is circumferentially enlarged and is milled or knurled, as at 5, to provide gripping surfaces to assist in operating the device.

Combined with the cylindrical portion 6 is a cap or chip receptacle 7 that is designed to catch the separated wood and lead of the pencil being sharpened and thereby avoid soiling the hands or clothing, and also of littering the floor.

Having thus fully described the invention, what is claimed as new and is desired to be secured by Letters-Patent is:—

A pencil sharpener comprising a hollow cone provided in one wall with a spiral slot extending from the apex of the cone to its base, and a knife, corresponding in contour to the walls of the slot, detachably secured to the inner surface of the cone and projecting beyond the edge of one wall of the slot, the outer end of the knife being extended beyond the said apex to provide a lead-pointing member.

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

SAMUEL B. JONES.

Witnesses:
EDWARD B. DUNTEN,
FRED D. WEBSTER.