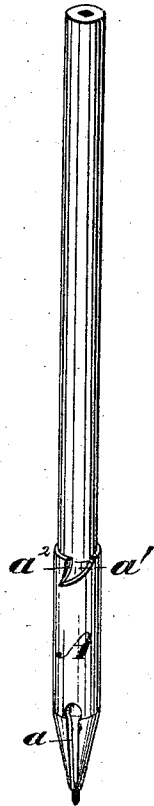


W. A. YOUNG.
Pencil-Sharpeners.

No. 156,625.

Patented Nov. 3, 1874.



Witnesses.
Edw. J. Cile
A. Ruppert.

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UNITED STATES PATENT OFFICE.

WILLIAM A. YOUNG, OF JACKSONVILLE, FLORIDA.

IMPROVEMENT IN PENCIL-SHARPENERS.

Specification forming part of Letters Patent No. **156,625**, dated November 3, 1874; application filed July 20, 1874.

To all whom it may concern:

Be it known that I, WILLIAM A. YOUNG, of Jacksonville, in the county of Duval and State of Florida, have invented a certain Improvement in Pencil-Sharpener, of which the following is a specification:

This invention relates to that kind of pencil-sharpener adapted to remain on the pencil until used up.

This style of sharpeners, as heretofore made, could be applied only to pencils of ordinary thickness, and to fit them to larger sizes it was necessary to trim the pencil down with a knife.

My improvement consists in forming on the upper cylindrical end of the sharpener, which is preferably made of a single piece of sheet-steel, a small cutter, designed to trim down pencils of unusual thickness in the act of fitting the sharpener upon them, and to cut its own way up as the pencil is decreased in length by use and pointing.

The drawing represents a perspective view of a pencil provided with my improved sharpener, which is marked A. The main body of the sharpener is cylindrical, having a bore fitting the ordinary-sized pencils, and being milled on the outside to facilitate turning it when the pencil is to be pointed and sharpened. Its lower end, made tapering, as usual, contains the customary slit, which terminates in

an enlarged eye, and has one edge, a , slightly bent inward and ground to a sharp edge to form the cutter for pointing and sharpening the pencil. A gap, a^1 , is formed in the upper cylindrical end, the edge a^2 of which, running preferably at a slight angle to the axis of the sharpener, forms a cutter for trimming the body of pencils of more than ordinary thickness down to the capacity of the bore of the cylindrical part of the sharpener, so that it will not be necessary to first remove the sharpener and trim the pencil with a knife, so that the sharpener may slide upon it every time the pencil is to be sharpened. The cutter a^2 shaving off only to the extent of its required end motion every time the sharpener is operated, the appearance of the pencil will remain above the sharpener uninjured.

What I claim as my invention, and desire to secure by Letters Patent, is—

A pencil-sharpener of the character stated, provided with a cutter, a^2 , at its upper end, substantially as and for the purpose specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM A. YOUNG.

Witnesses:

JOS. T. K. PLANT,
B. EDW. J. EILS.