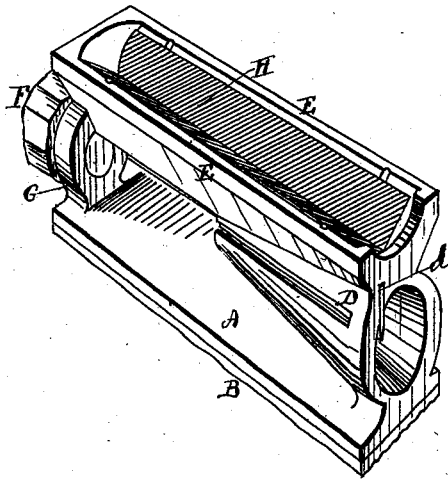


W. SELLERS.

Combined Pencil-Sharpener and Eraser.

No. 204.169.

Patented May 28, 1878.



Witnesses.
Wm C. Green
Thomas Lally

Inventor
William Sellers
by J. H. Adams Atty.

UNITED STATES PATENT OFFICE.

WILLIAM SELLERS, OF HAVERHILL, MASSACHUSETTS, ASSIGNOR TO
CHARLES EMERSON & SONS, OF SAME PLACE.

IMPROVEMENT IN COMBINED PENCIL-SHARPENER AND ERASER.

Specification forming part of Letters Patent No. **204,169**, dated May 28, 1878; application filed
April 26, 1878.

To all whom it may concern:

Be it known that I, WILLIAM SELLERS, of Haverhill, in the county of Essex and State of Massachusetts, have invented a Combined Pencil-Sharpener and Eraser, of which the following is a specification:

The object of my invention is to produce a simple, cheap, and convenient device for sharpening lead and slate pencils and erasing marks made by the same; and the invention consists in the combination, in one implement of small dimensions, of a device for cutting the pencil above the point, also one for sharpening the point of the pencil, an eraser for erasing pencil-marks, and also one for erasing marks on a slate made by a slate-pencil.

The accompanying drawing is a perspective view of an implement embodying my invention.

A represents the base of the implement, having at one end a standard, G, having a hole through its center, in which is fixed a piece of india-rubber, F. At the opposite end is a conically-shaped piece, D, provided with a knife or cutter, *d*, extending longitudinally through the same. The small end of the cone D is made large enough to allow the point of the pencil to extend through the end, the knife or cutter being intended to cut the wooden portion of the lead-pencil, and the larger portion of the end of the slate-pencil.

In the ordinary pencil-sharpeners, made after the style shown in my device, the knife is made to cut the point of the lead as well as the wood. This very frequently results in

breaking the lead, and fails to make a fine point. By making the small end of the cone D large enough to admit of the end of the lead passing through I obviate this difficulty, and in order to sharpen the point of the lead I arrange above the sharpener D a V-shaped grooved device, E, having serrated or roughened surfaces H, so that by drawing the pencil-point over the same a fine edge will be given to it. The grooved device also serves to hold the scrapings of the pencil, and thus avoids soiling the hands.

On the bottom of the base A is secured a piece of wash-leather or other soft material, B, for erasing the marks on a slate.

The metallic portion of the implement, with the exception of the cutter *d*, may all be cast in one piece. It is designed for use on the desk, and is particularly adapted for the use of children at school.

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

A combined eraser and sharpener for pencils, composed of the base-piece A, provided with the erasive material B, the conical sharpener D, the serrated grooved piece E, and the eraser F, substantially as set forth.

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

WILLIAM SELLERS.

Witnesses:

J. H. ADAMS,
THOMAS LALLY.