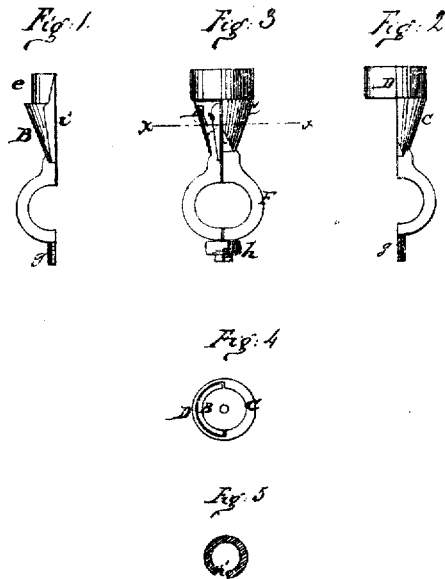


M. W. Dillingham,
Pencil Sharpener.

No. 106,795.

Patented Aug. 30, 1870.



Witnesses:

Chas. Nida
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Inventor:

M. W. Dillingham
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United States Patent Office.

MOSES W. DILLINGHAM, OF AMSTERDAM, NEW YORK.

Letters Patent No. 106,795, dated August 30, 1870.

IMPROVEMENT IN PENCIL-SHARPENERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, MOSES W. DILLINGHAM, of Amsterdam, in the county of Montgomery and State of New York, have invented a new and useful Improvement in Pencil-Sharpener; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to a new and useful improvement in sharpeners for lead pencils, whereby they are made more convenient and useful than they have hitherto been; and

It consists in forming the sharpener in two separate principal parts, connected together by a band and screw-nut clasp, as will be hereinafter more fully described.

In the accompanying drawing—

Figure 1 is a view of one of the halves of the pencil-sharpener;

Figure 2 is the other half;

Figure 3 is a view of the article complete, the parts being confined together by a band and screw-nut;

Figure 4 is an end view; and

Figure 5 is a cross-section of fig. 3, on the line *x x*.

Similar letters of reference indicate corresponding parts.

A is the hollow cone, formed by the parts B and C.

D is a band or ring attached to C, which receives the end *e* of the part B when the two are put together, as in fig. 3.

F is a ring formed by the two parts, each part having one-half of a screw-tip, *g*, thereon.

These two tips form a screw, and are confined together by the finger-nut *h*, as seen in fig. 3.

i is the knife or cutter, which is attached to the part B. The knife may be attached to the hollow cone in any manner, either removably or not.

The object in making the sharpener in two parts, connected together by a screw, and so that they may be entirely separated, is to afford access to the edge of the knife, for keeping it in good working order, and convenience in manufacturing.

I am aware that pencil-sharpeners have been made in two parts before, but such parts have been connected permanently together by a hinge. The hinge connection forms no part of my invention.

For various reasons, I prefer to separate the parts entirely, but do not confine myself to any particular device or mode of construction for accomplishing that purpose.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

A hollow-cone pencil-sharpener, formed of two principal parts, connected together by a band and nut, so that the two parts may be readily separated, substantially as and for the purposes described.

The above specification of my invention signed by me this 6th day of July, 1870.

Witnesses: MOSES W. DILLINGHAM.

GEO. W. MABEE,

ALEX. F. ROBERTS.