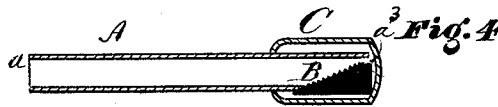
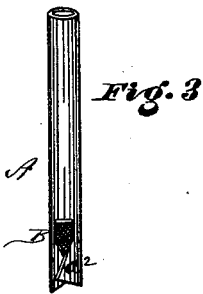
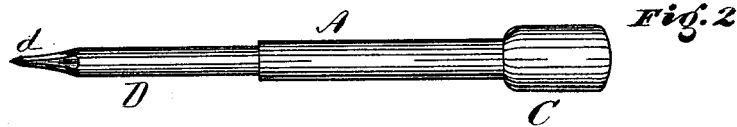
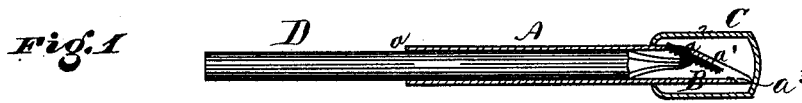


E. B. LAKE.
 Combined Pencil Holder and Sharpener.
 No. 196,676. Patented Oct. 30, 1877.



Witnesses
 Saml. J. Van Stavoron
 Jos. B. Connolly

Inventor
 Ezra B. Lake
 Connolly Bros., Attorneys

UNITED STATES PATENT OFFICE.

EZRA B. LAKE, OF BRICKSBURG, NEW JERSEY.

IMPROVEMENT IN COMBINED PENCIL HOLDER AND SHARPENER.

Specification forming part of Letters Patent No. **196,676**, dated October 30, 1877; application filed March 15, 1877.

To all whom it may concern:

Be it known that I, EZRA B. LAKE, of Bricksburg, in the county of Ocean and State of New Jersey, have invented certain new and useful Combined Pencil Holder and Sharpener; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification, in which—

Figures 1 and 4 are longitudinal vertical sections of my invention; Fig. 2, a side elevation, and Fig. 3 a detail perspective.

My invention consists of a tube having one end open and holding at the other a file or grater, by means of which the point of a pencil may be reduced or sharpened, said tube also serving as a sheath or protector for said point when the pencil is not in use.

In the accompanying drawing, A designates a metal tube, open at a . At its other end is fastened a file or grater, B, said file being inserted in a slot, a' , cut in the tube, the metal of the latter on either side of said slot being lapped or pinched over the back of the file, as shown at a^2 in Fig. 3; or said file or grater may be made in the form shown in Fig. 4, being less wide than deep, and simply pressed into a narrow slot in the tube A.

C is an enlarged head or chamber, which, if

an opening be made for that purpose in the tube A, will serve as a receptacle for the dust or shavings of the pencil until the latter is withdrawn from the tube.

To sharpen the pencil-point d , insert said pencil D, as shown in Fig. 1, and turn. The pencil will occupy the same position when not in use, the tube then serving as a protector. When the pencil is in use the tube fits on its other end, as shown in Fig. 2.

A small opening of any kind, as at a^3 , is left between the tube A and chamber C, to allow the scrapings from the pencil to enter the latter. When the pencil is removed the contents of the chamber C may be emptied by shaking the holder or gently tapping it on a table or other solid object, the mouth a being inverted.

What I claim is—

1. The grater or file B, in combination with the tube A, having a slot with pinched edges, a^2 , substantially as described.

2. The enlarged chamber C, in combination with the tube A and file or grater B.

In testimony that I claim the foregoing I have hereunto set my hand this 6th day of March, 1877.

EZRA B. LAKE.

Witnesses:

GEO. C. SHELMEKDINE,
SAML. J. VAN STAVOREN.