

(No Model.)

H. I. TALLEY.

COMBINED PENCIL SHARPENER, INK ERASER, AND BURNISHER.

No. 576,501.

Patented Feb. 2, 1897.

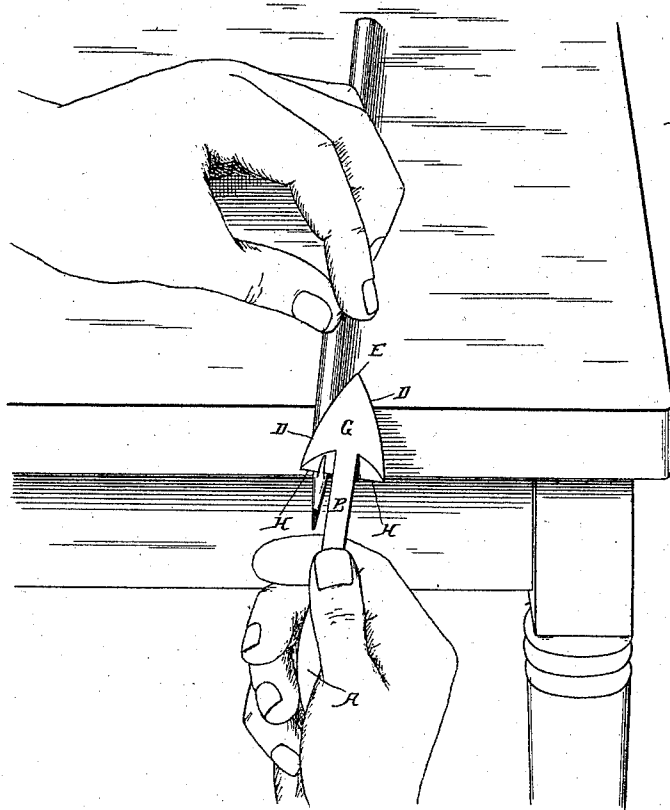


Fig. 1.

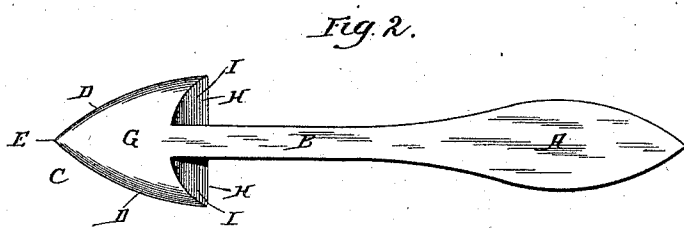


Fig. 2.

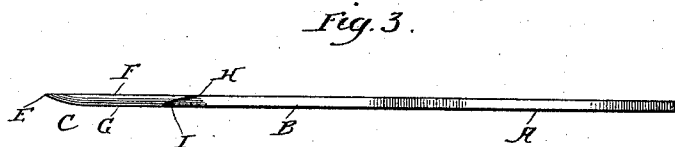


Fig. 3.

Witnesses:

H. B. Hallock.  
A. Williamson

Inventor

Henry Irving Talley  
by Geo. H. Holgate  
Attorney

# UNITED STATES PATENT OFFICE.

HENRY IRVING TALLEY, OF PHILADELPHIA, PENNSYLVANIA.

## COMBINED PENCIL-SHARPENER, INK-ERASER, AND BURNISHER.

SPECIFICATION forming part of Letters Patent No. 576,501, dated February 2, 1897.

Application filed June 6, 1896. Serial No. 594,508. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY IRVING TALLEY, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in a Combined Pencil-Sharpener, Ink-Eraser, and Burnisher, of which the following is a specification.

10 This invention relates to a new and useful improvement in pencil-sharpeners and ink-erasers, and has for its object to provide a device of this description by means of which a pencil may be quickly sharpened without  
15 bringing the hands in contact with the point thereof or the chips from either the wood or lead, thus avoiding the necessity of soiling the hands in sharpening a pencil, and also this improvement is adapted for erasures  
20 which necessitate the abrasion or cutting away of a portion of the surface.

With these ends in view this invention consists in the details of construction and combination of elements hereinafter set forth and  
25 then specifically designated by the claims.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, the construction and operation will now be described  
30 in detail, referring to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a perspective illustrating the method of using this improvement to sharpen  
35 a lead-pencil; Fig. 2, a plan view of the device, and Fig. 3 an edge view thereof.

In carrying out this invention a suitable piece of metal is either blanked, forged, or cast into the desired shape, thereby producing a  
40 handle A, which is connected by means of the shank B to the spear-shaped head C. The curved edges D of this head converge toward each other and unite at the vertex E and are so sharpened as to be adapted for use as an  
45 ink-eraser. One surface of the head is flat, as indicated at F, and the opposite side is rounded, as indicated at G, so as to give the proper angle to the curved edges, and the base-line of the head is so sharpened as to  
50 produce the cutting edges H by grinding said head upon the side C, as clearly shown, and, if desired, this grinding may be such as to pro-

duce a concave, as indicated at I, which corresponds to a hollow-ground blade. It will of course be understood that the metal best  
55 adapted for the production of this device is carbonized steel, in order that the cutting portion thereof may be hardened and tempered to produce durable edges.

The operation of a device constructed as  
60 above described will be obviously as follows: When a pencil is to be sharpened, it may be rested firmly upon the edge of a table or the like by being grasped in one hand, and the sharpener is then applied thereto by grasping  
65 it in the other hand and drawing one of the cutting edges H over the edge of the pencil, after the manner of a drawing-knife or plane, when the wood will be rapidly cut away upon  
70 the desired angle, which is determined by the angle at which the head is held to the pencil, and when the lead has been reached it will also be cut away at the same angle as the wood, if desired, or this angle may be changed  
75 by the alteration of the angle of the blade relative to the lead. During this process of sharpening the point of a pencil the latter may rest against the side of the shank next  
80 thereto, in order to guide the blade and preclude the possibility of its sliding from the pencil. Thus it will be seen that the hands  
do not come in contact with the point of the pencil while it is being sharpened, nor do the chips, either of the wood or lead, gain access  
85 to the hands, thus avoiding the soiling of the hands.

When the device is to be used as an eraser, the flat surface F is preferably turned toward the paper and one of the edges D applied  
90 thereto in the usual manner of operating an ink-eraser, or the rounded surface G may be turned next the paper, as occasion may require, and after the erasure has been completed the surface of the paper may be burnished  
95 by being properly rubbed by a portion of the rounded surface C, thus rendering the surface of the paper fit for further use in writing.

It is to be noted that the edges D of the head may be used as a paper-cutter, or the  
100 edges H may be utilized for severing the pages of an uncut book or opening of envelopes.

One of the advantages of a device made in

accordance with this improvement is that two edges H are provided for the sharpening of a pencil, as also two edges D for erasing purposes, thereby rendering an increased usefulness of the device in that it will not become quickly dulled, since first one edge may be used and then the other.

Another advantage of my improvement is that it is readily sharpened in the same manner as a plane-blade by grinding, honing, or whetting the flat surface F, thereby avoiding the necessity of changing the angle or curve of the surfaces I for this purpose. Thus a desirable edge may be at all times maintained upon the edges H with but little or no skill upon the part of the operator, since it is only necessary to place the flat surface F full upon an oil-stone and rub it to and fro to sharpen the edges H.

Having thus fully described this invention, what is claimed as new and useful is—

1. In a device of the character described a handle having a head provided with a flat surface F, on one side, a rounded surface G, on the other, two curved erasing edges D, and

two straight cutting edges H, as and for the purpose described.

2. As a new article of manufacture, a combined pencil-sharpener, ink-eraser and bur-nisher composed of a single piece of metal forming a handle, a shank and a head, the latter having a flat surface F, a rounded surface G, two curved erasing edges D, and two straight edges H, for cutting purposes, formed by the grinding of the head upon the rounded side G, as specified.

3. A pencil-sharpener, ink-eraser and bur-nisher, consisting of a handle A, a shank B, and a head C, the latter being spear-shaped, and having curved edges D, and a concave ground cutting-blade H, upon each side of the shank, substantially as shown and described.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

HENRY IRVING TALLEY.

Witnesses:

S. S. WILLIAMSON,  
MARK BUFORD.