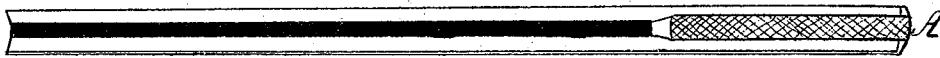
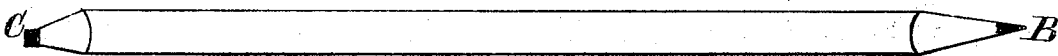


H. L. Linnman.

Pencil & Eraser.

N^o 19,783. Patented Mar. 30, 1858.



UNITED STATES PATENT OFFICE.

HYMEN L. LIPMAN, OF PHILADELPHIA, PENNSYLVANIA.

COMBINATION OF LEAD-PENCIL AND ERASER.

Specification forming part of Letters Patent No. 19,783, dated March 30, 1858.

To all whom it may concern:

Be it known that I, HYMEN L. LIPMAN, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Lead-Pencil and Eraser; and I do hereby declare the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

I make a lead-pencil in the usual manner, reserving about one-fourth of the length, in which I make a groove of suitable size, A, and insert in this groove a piece of prepared india-rubber, (or other erasive substance,) secured to said pencil by being glued at one edge. The pencil is then finished in the usual manner, so that on cutting one end thereof you have the lead B, and on cutting at the other end you expose a small piece of india-rubber, C, ready for use, and particularly valuable for removing or erasing lines, figures, &c., and not subject to be soiled or mislaid on the table or desk.

In making mathematical, architectural, and

many other kinds of drawings in which the lines are very near each other, the eraser is particularly useful, as it may be sharpened to a point to erase any marks between the lines, and should the point of the rubber become soiled or inoperative from any cause such cause is easily removed by a renewed sharpening, as in the ordinary lead-pencil.

I do not claim the use of a lead-pencil with a piece of india-rubber or other erasing material attached at one end for the purpose of erasing marks; but

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

The combination of the lead and india-rubber or other erasing substance in the holder of a drawing-pencil, the whole being constructed and arranged substantially in the manner and for the purposes set forth.

HYMEN L. LIPMAN.

Witnesses:

LEWIS A. LIPMAN,
JOHN P. CHARLTON.