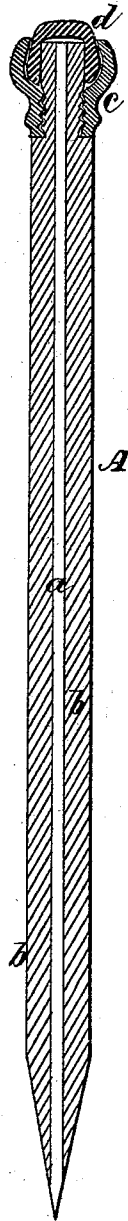


J. GRAY.

Lead-Pencils.

No. 136,319.

Patented Feb. 25, 1873.



Witnesses.
P. E. Wilson
Wm. E. Anderson.

Inventor.
Joshua Gray.
By Douglasdon
Atty.

UNITED STATES PATENT OFFICE.

JOSHUA GRAY, OF MEDFORD, MASS., ASSIGNOR, BY MESNE ASSIGNMENTS,
TO GOODYEAR RUBBER-HEAD PENCIL COMPANY, OF NEW YORK CITY.

IMPROVEMENT IN LEAD-PENCILS.

Specification forming part of Letters Patent No. 136,319, dated February 25, 1873.

To all whom it may concern:

Be it known that I, JOSHUA GRAY, of Medford, in the county of Middlesex and State of Massachusetts, have invented certain Improvements in Lead-Pencils, of which the following is a specification, reference being had to the accompanying drawing.

My improvement consists in combining with a pencil, or the wooden part or lead-carrier thereof, a holder or cap, or the equivalent thereof, and a piece of India rubber or elastic erasive material, whereby the erasure or rubbing out of a pencil line or mark made with the lead of the pointed end of the pencil may be readily effaced simply by rubbing thereupon the said erasive piece of rubber.

In the drawing, A denotes a common pencil, of which *a* is the lead, and *b* the wooden holder of such lead. On one end of the pencil I affix a notched head or socket-piece, *c*, holding a convex piece of India rubber, *d*, and

having the same projecting from it, so that by inverting the pencil and rubbing such piece *d* on a mark made with the lead of the pointed end of the pencil such mark may be removed from the paper or article upon which it may have been made.

The convenience of a pencil so made, or so provided with an eraser of rubber, or having one fixed to its upper end by equivalent means, so as to answer the purpose of removing marks made by the lead of the pencil, will be apparent to any person.

What I claim as my invention is—

Combining with a pencil, by means substantially as specified, a piece of India rubber, or like material, whereby marks made by the pencil may be effaced, as set forth.

JOSHUA GRAY.

Witnesses:

SAMUEL D. HOVEY,
H. B. BLAUVELT.