

UNITED STATES PATENT OFFICE.

LEWIS J. COHEN, OF NEW YORK, N. Y.

IMPROVEMENT IN COMPOSITION OF SLATE-PENCILS.

Specification forming part of Letters Patent No. 5,903, dated November 7, 1848.

To all whom it may concern:

Be it known that I, LEWIS J. COHEN, of the city, county, and State of New York, have invented a new and useful Mode of Making White Slate-Pencils; and I do hereby declare the following to be a full and exact description of the material and manner of making the same.

The nature of my invention consists in the mixing or combining in the portions of one pound of alumina (in any of its forms) and two pounds French chalk or soapstone with a sufficient quantity of water to mix them well together into a thick paste or dough, when the whole mass is thoroughly kneaded until it becomes of the consistence required for molding into pencils. When in this state the mass or clay is put into a cylinder, the bottom of which is perforated with holes of the various sizes I desire to make the pencils, and by means of a piston working in the cylinder and a power-press the clay or mass is forced through the holes in the bottom of the cylinder into long

strings or pencils. In this state they are cut into convenient lengths and dried, after which they are put into an oven or furnace suitable to the purpose and subjected to a good red heat, at which point the process of baking may be stopped and the pencils allowed to cool, when they are fit for use.

Having now described the material and process of making my white slate-pencils, I will proceed to state what I claim and desire to secure by Letters Patent. What I claim therefore is—

The mixing or combining in certain proportions, as above described, the materials of alumina in any of its forms with French chalk or with soapstone, in combination with water for making of a clay or mass for making white slate-pencils, and the process of making the same, as is herein substantially described.

LEWIS J. COHEN.

Witnesses:

JOHN H. BURKE,
H. JEROLIMAN.