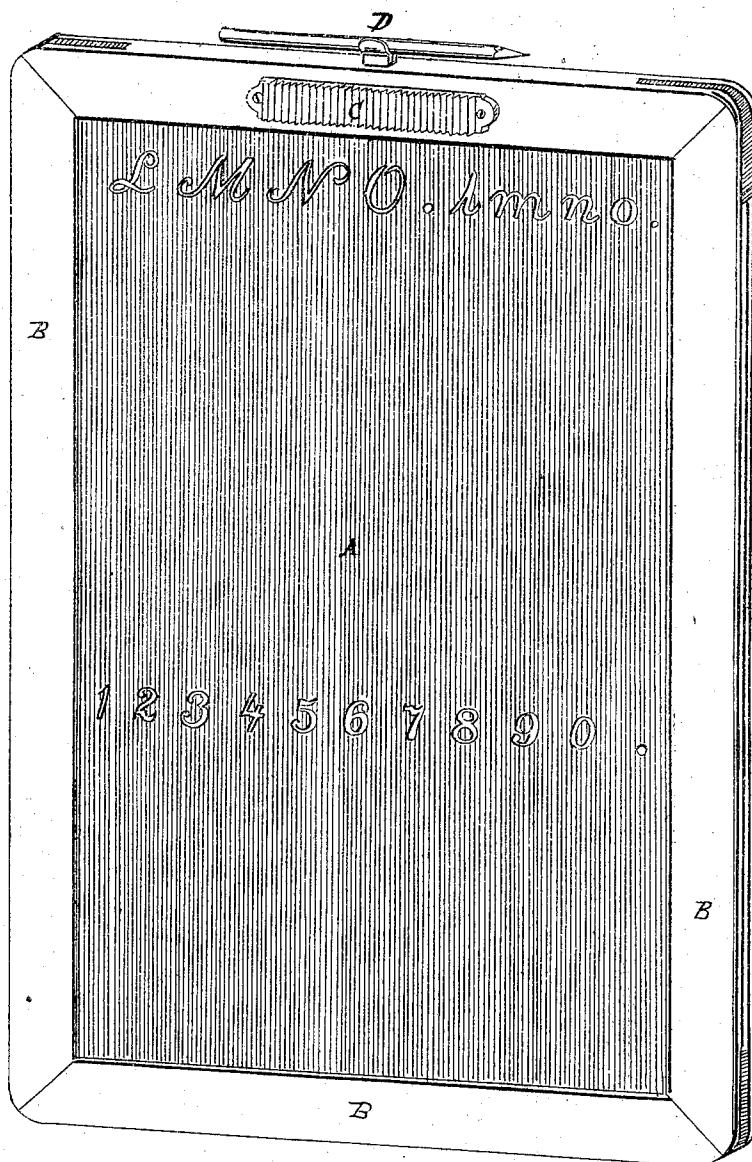


*L. Wiegell, J. Lehnbeuter and*  
**PATENTED C. Fegers.**

FEB 25 1868

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# **SCHOOL SLATE.**



**Inventors.**

*L. Wiegell*  
*J. Lehnbeuter*  
*C. Fegers*  
*Attest*

**Attest.**

*Geo. W. L. L. L.*  
*C. F. F.*

United States Patent Office.

LAWRENCE WIEGEL, JOSEPH LEHNBEUTER, AND CHARLES FEGERS, OF  
CINCINNATI, OHIO.

*Letters Patent No. 74,964, dated February 25, 1868.*

IMPROVEMENT IN PREPARING SCHOOL-SLATES.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, LAWRENCE WIEGEL, JOSEPH LEHNBEUTER, and CHARLES FEGERS, all of Cincinnati, Hamilton county, and State of Ohio, have invented a certain new and useful School-Slate, and do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing, making part of this specification.

The body portion of the slate proper is composed as follows: Take equal parts liquid caoutchouc and asphaltum, and add thereto about double their joint weight of pulverized pumice-stone, and mix the whole with enough turpentine to form a thin paste, and apply the same to thick pasteboard by means of rollers, the same as in printing, and while the board is yet soft indent its surface with written or other characters, as hereinafter explained. The frame B may be in four pieces, tongued together as shown, or of any other customary or desired form.

In order to assist infantile scholars, we indent one or both sides of the slate with letters, numerals, or other characters in intaglio. (See, for examples, L M N O and 1 2 3 4 5 6 7 8 9 0 in the accompanying illustration.) The learner having amused himself by tracing the characters with the point of his pencil, acquires thereby almost imperceptibly and without labor a facility in tracing the same lines on the bare slate. C is a rasp, of steel or iron, fastened to the frame, and serving as a pencil-sharpener. D is a pencil-holder formed by two elastic lips of steel or brass.

We are aware that some of the materials used by us have before been employed in the manufacture of artificial slates; but

What we claim, and desire to secure by Letters Patent, is—

An artificial slate, made with a composition of liquid caoutchouc, asphaltum, and pulverized pumice-stone reduced to a thin paste with spirits of turpentine, and applied to pasteboard by means of rollers, all substantially as and for the purposes specified.

In testimony of which invention, we hereunto set our hands.

LAWRENCE WIEGEL,  
JOSEPH LEHNBEUTER,  
CHARLES FEGERS.

Witnesses:

GEO. H. KNIGHT,  
JAMES H. LAYMAN.