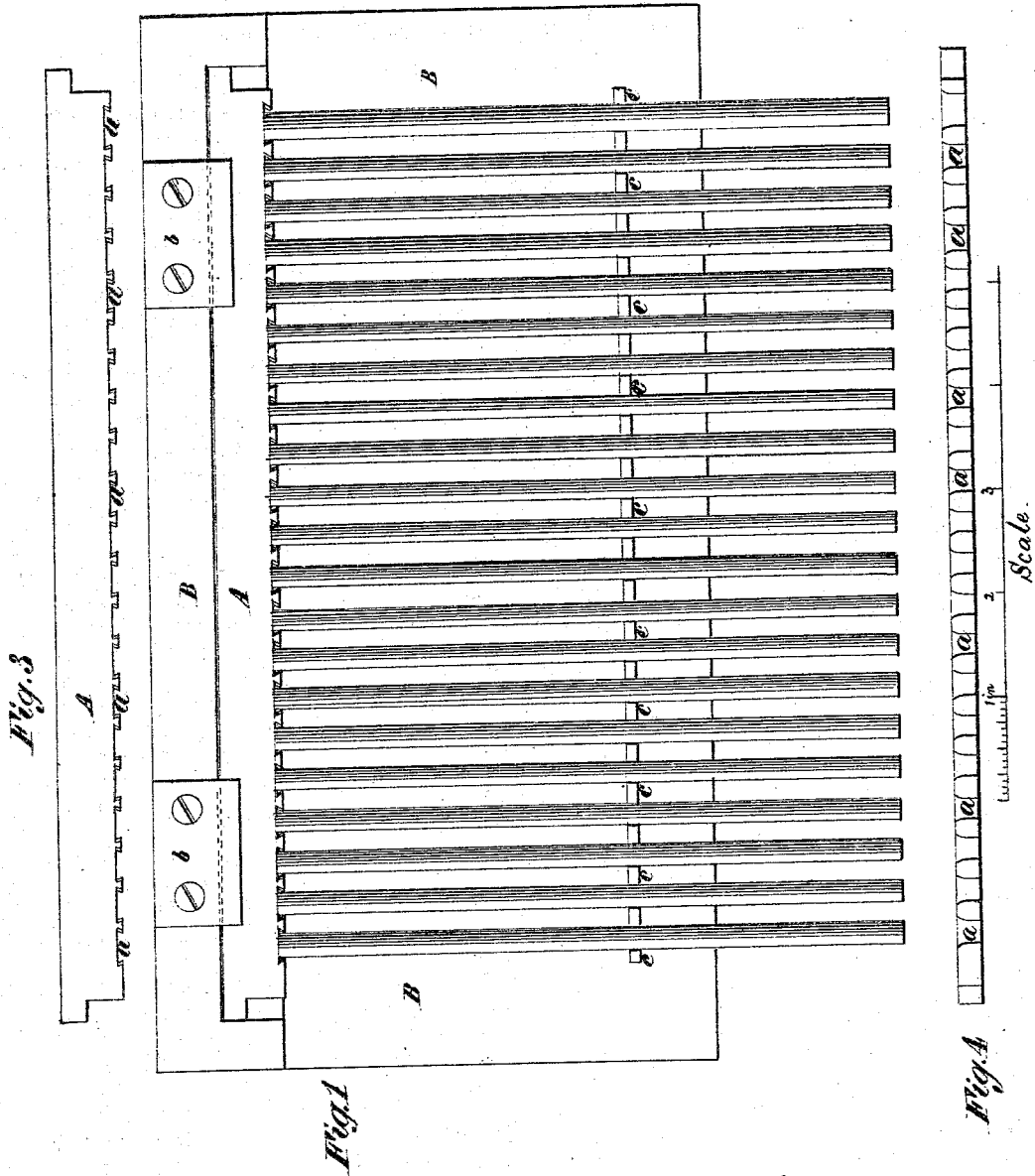
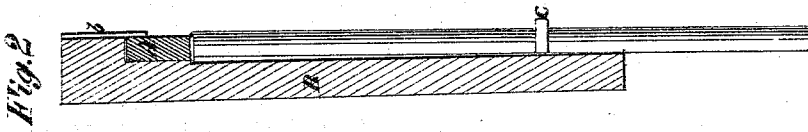


EDWARD WEISSENBORN.

Improvement in Holders and Adjusters for Lead Pencils, &c.

No. 125,359.

Patented April 2, 1872.



Witnesses.
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EDWARD WEISSENBORN, OF HUDSON CITY, NEW JERSEY.

IMPROVEMENT IN HOLDERS AND ADJUSTERS FOR LEAD-PENCILS, &c.

Specification forming part of Letters Patent No. 125,359, dated April 2, 1872.

To all whom it may concern:

Be it known that I, EDWARD WEISSENBORN, of Hudson City, in the county of Hudson and State of New Jersey, have invented a new and Improved Holder for Holding and Adjusting Lead-Pencils and other articles preparatory to and during the varnishing or other process; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing which forms part of this specification.

The principal object of this invention is to provide for the better holding of wood-incased lead and other pencils preparatory to and during the varnishing of them or coloring by dipping them into the varnish or coloring material, in which operation the pencils have to be held as close as practicable to one extremity, and kept as near as practicable together, and yet separate along their whole length. The invention consists in a novel construction of one edge of a holding-bar, whereby the pencils are very securely held therein in the requisite manner and relation to each other without being seriously injured or marred by the holding devices. It also consists in a table or bed of novel construction, to be used in connection with the bar above mentioned, to insure the proper insertion of the pencils thereinto.

Referring to the accompanying drawing, Figure 1 represents a plan view of a pencil-holder constructed according to my invention. Fig. 2 represents a transverse section of the same. Fig. 3 represents a longitudinal side view of the holding-bar, and Fig. 4 a front edge view of the same.

Similar letters of reference indicate corresponding parts in the several figures.

A is a holding-bar, constructed of steel or other metal, substantially after the form as represented in those parts of the drawing indicated by said letter. This bar A has formed in one of its edges, at regular intervals along its length, dovetailed recesses *a* for reception of the ends of the pencils designed to be held, and between which are left narrow portions of the metal substance of oppositely dovetailed form. The ends of the pencils are passed lat-

erally into these recesses *a*, which are made slightly less at their outer portions than the diameters of the pencils, so that the metal substance between them, by biting or cutting into the peripheries of the pencils, serve to hold their ends within the recesses, the cutting-edges of said intervening portions of metal being slightly rounded, as shown in Fig. 4, for facilitating their cutting or penetrating action. B is a table or bed, preferably of a rectangular form, and having a raised portion, *a*, at one side, which is recessed at its inner edge for reception of the aforesaid holding-bar A, as illustrated in Figs. 1 and 2, metal plates *b b* being attached to said raised portion *a*, under which the said holding-bar is slipped, and by which it is confined to the block. Near the opposite edge of the said table or bed B is arranged a row of fixed pins or studs, *c*. These pins are placed at sufficient distances apart for reception between them of the pencils, as shown in Fig. 1, and are so arranged relatively to the holding-bar as to bring their intervening spaces opposite the recesses *a* of the same, so that the pencils, when inserted between the pins *c* and their opposite extremities grasped within the recesses *a*, will be parallel with each other and at right angles to the holding-bar.

The holding-bar A, with the pencils thus attached, may be slipped from under the clamping-plates *b b*, and the pencils suspending therefrom may be "dipped" by any desirable process.

What I claim as my invention, and desire to have secured by Letters Patent, is—

1. The holding-bar A, having its lower edge constructed as described, for the purpose set forth.

2. The combination, with the holding-bar A, of the bed or table constructed for the reception of the said bar, and with separating pins or projections, substantially as described, for the purpose set forth.

EDW. WEISSENBORN.

Witnesses:

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