

(No Model.)

G. R. LEWIS & H. L. BOWMAN.

PENCIL SHARPENER.

No. 360,313.

Patented Mar. 29, 1887.

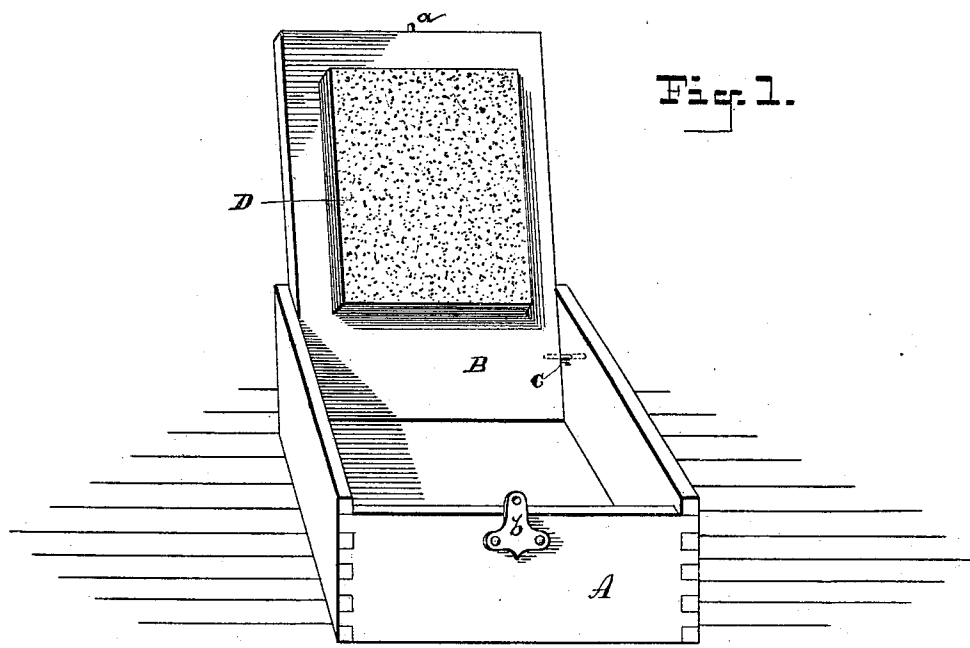


Fig. 1.

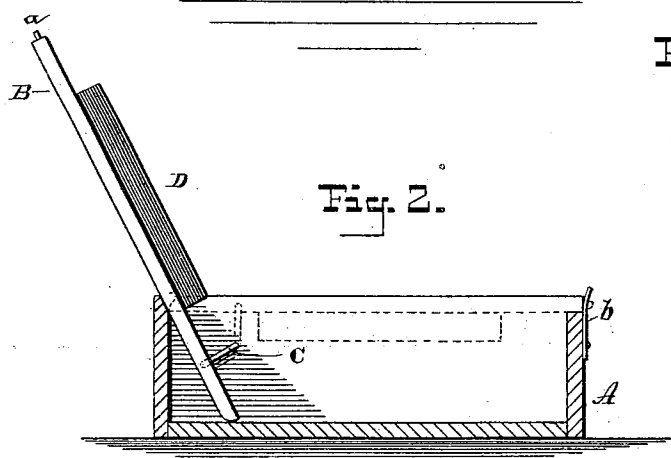


Fig. 2.

Fig. 3.



WITNESSES:

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GEORGE RIX LEWIS AND HELEN L. BOWMAN, OF LAMOILLE, ILLINOIS.

PENCIL-SHARPENER.

SPECIFICATION forming part of Letters Patent No. 360,313, dated March 29, 1887.

Application filed July 8, 1886. Serial No. 207,468. (No model.)

To all whom it may concern:

Be it known that we, GEORGE RIX LEWIS and HELEN L. BOWMAN, both of Lamoille, in the county of Bureau and State of Illinois, have invented a new and Improved Pencil-Sharpener, of which the following is a specification, reference being had to the annexed drawings, forming a part thereof, in which—

Figure 1 is a perspective view of our improved pencil-sharpener. Fig. 2 is a transverse section, and Fig. 3 is a detail view of one of the hinges of the cover.

Similar letters of reference indicate corresponding parts in all the figures of the drawings.

The object of our invention is to provide a pencil-sharpener by means of which a fine point can readily be obtained, and which is provided with a receptacle in which the dust of the pencil will be received and retained.

Our invention consists in a rectangular box provided with a cover, to which are attached one or more sheets of sand-paper, and hung on hinges formed of cranked or offset wires, and arranged to close the top of the box, or to rest in an inclined position with one edge thereof within the box, so that the dust disengaged by the sharpener will be delivered to the box, and thus prevented from being scattered.

The box A is preferably made rectangular in form and of convenient depth for receiving and retaining the dust removed from the pencil in the operation of sharpening. The front end of the box is lower than the sides, to admit of shutting the cover B down upon the end and between the sides.

The cover B is connected with the box by cranked or offset wires C. (Shown in detail in Fig. 3.) One end of each wire C is fastened in the edge of the cover, near the extremity thereof, the wires C being arranged directly opposite each other in opposite edges of the cover. The remaining ends of the wires C are inserted in opposite sides of the box, near one end and near the top thereof. By means of the wires C, arranged in this way, the cover is hinged, so that it may be placed in an inclined position in the end of the box, as shown in full lines in Fig. 2, or turned on the wires, which act as hinges, and closed, as shown in dotted lines

in Fig. 2, the front edge of the cover having a pin, *a*, and the front end of the box A being provided with a spring-catch, *b*, for engaging the pin when the box is closed.

To the inner surface of the box-cover is secured, by means of glue or otherwise, a series of sheets, D, of sand-paper or emery-paper, which may be removed one after the other after being worn out by use.

When the cover B is opened, as shown in full lines in Fig. 2, the pencil may be rubbed on the outer surface of the sheet of sand-paper and readily sharpened. The dust removed from the pencil end by the abrasive surface of the sand-paper will fall into the box A, where it will be retained.

It will be observed that our improved pencil-sharpener may be handled without danger of soiling the fingers.

The sharpener is intended for sharpening lead-pencils, slate-pencils, crayons, pastels, and similar implements employed in drawing or writing.

Having thus fully described our invention, we claim as new and desire to secure by Letters Patent—

1. The combination, with the box A and cover B, fitted between the sides of the box, of the cranked wires C, inserted in the edges of the cover and into the sides of the box, substantially as shown and described.

2. As an improved article of manufacture, a pencil-sharpener formed of the box A, having its front end lower than its sides, a cover B, fitted between the sides of the box, hinges formed of the cranked wires C, inserted in the edges of the cover and entering the sides of the box, series of sheets of abrasive paper secured to the inner surface of the box-cover, and a fastener for holding the cover in a closed position, substantially as shown and described.

GEORGE RIX LEWIS.

HELEN L. BOWMAN.

Witnesses to the signature of George Rix Lewis:

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