

(No Model.)

H. WHITE.
PENCIL SHARPENER.

No. 318,404.

Patented May 19, 1885.

Fig. 1.

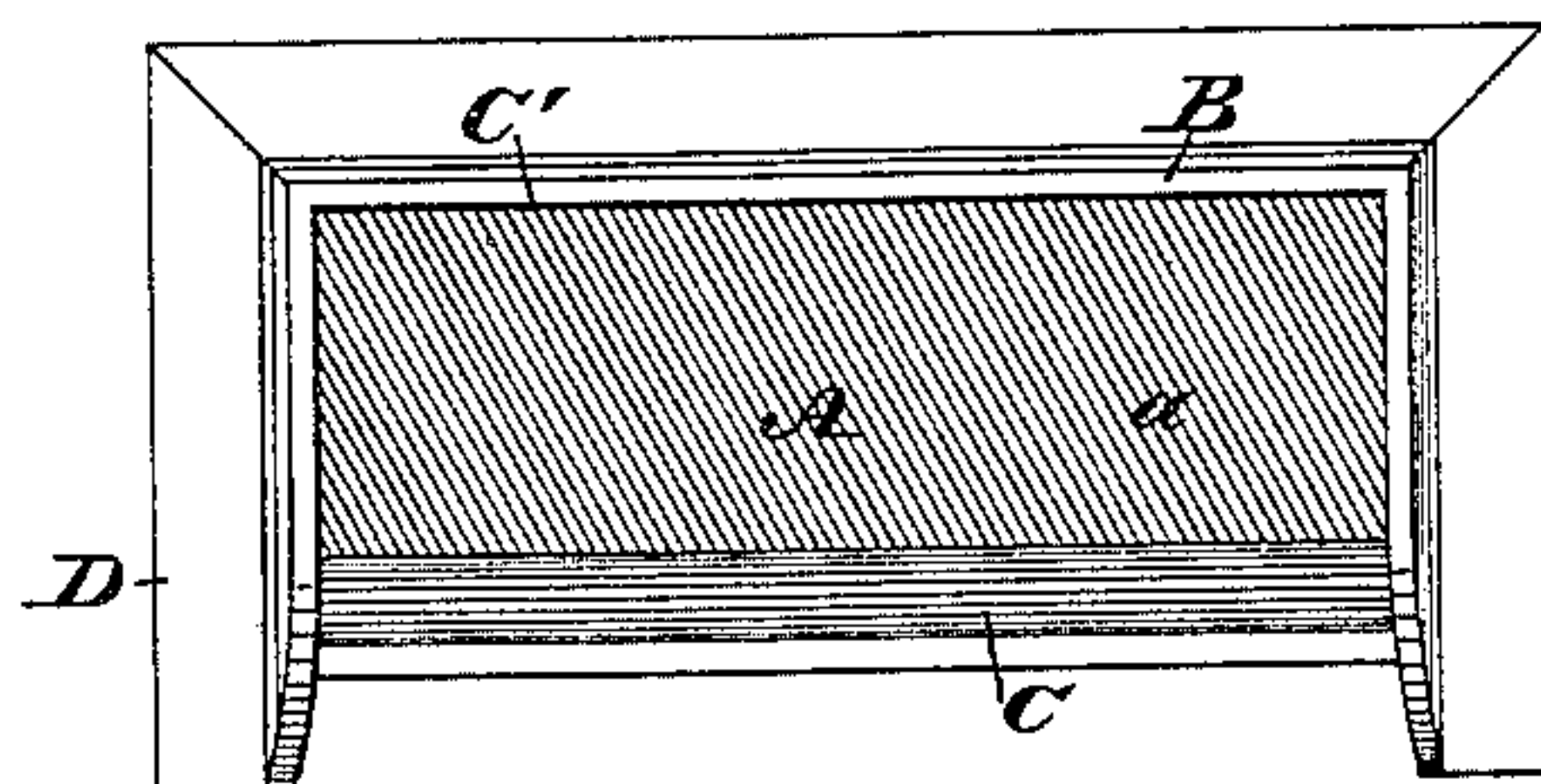


Fig. 2.

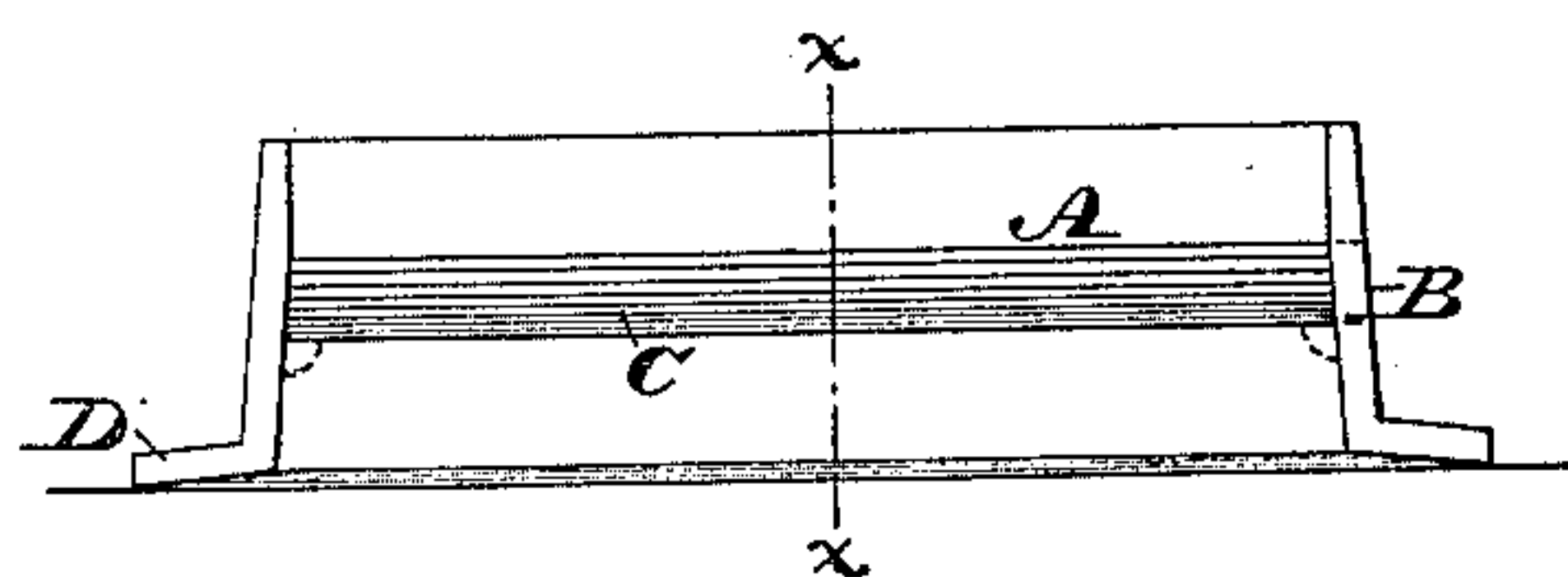


Fig. 3.

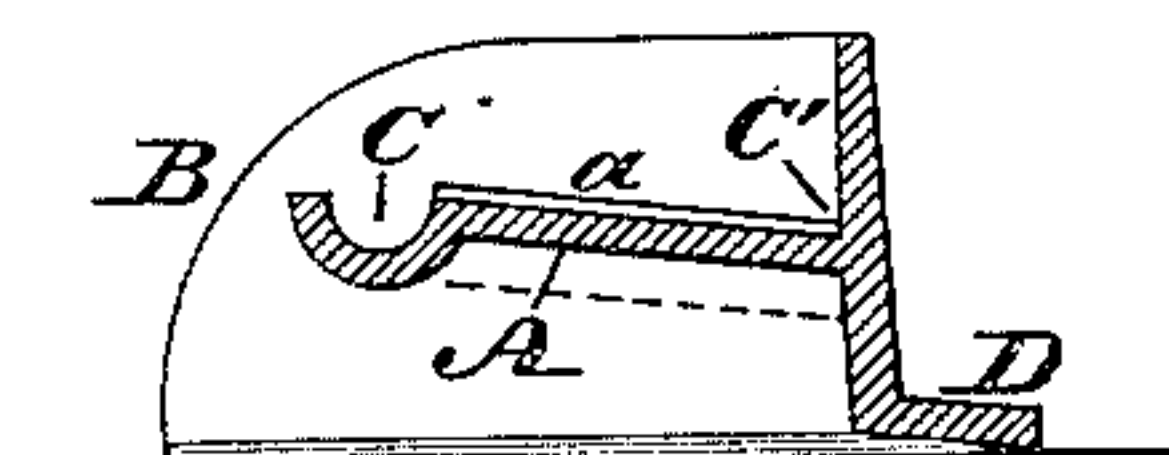
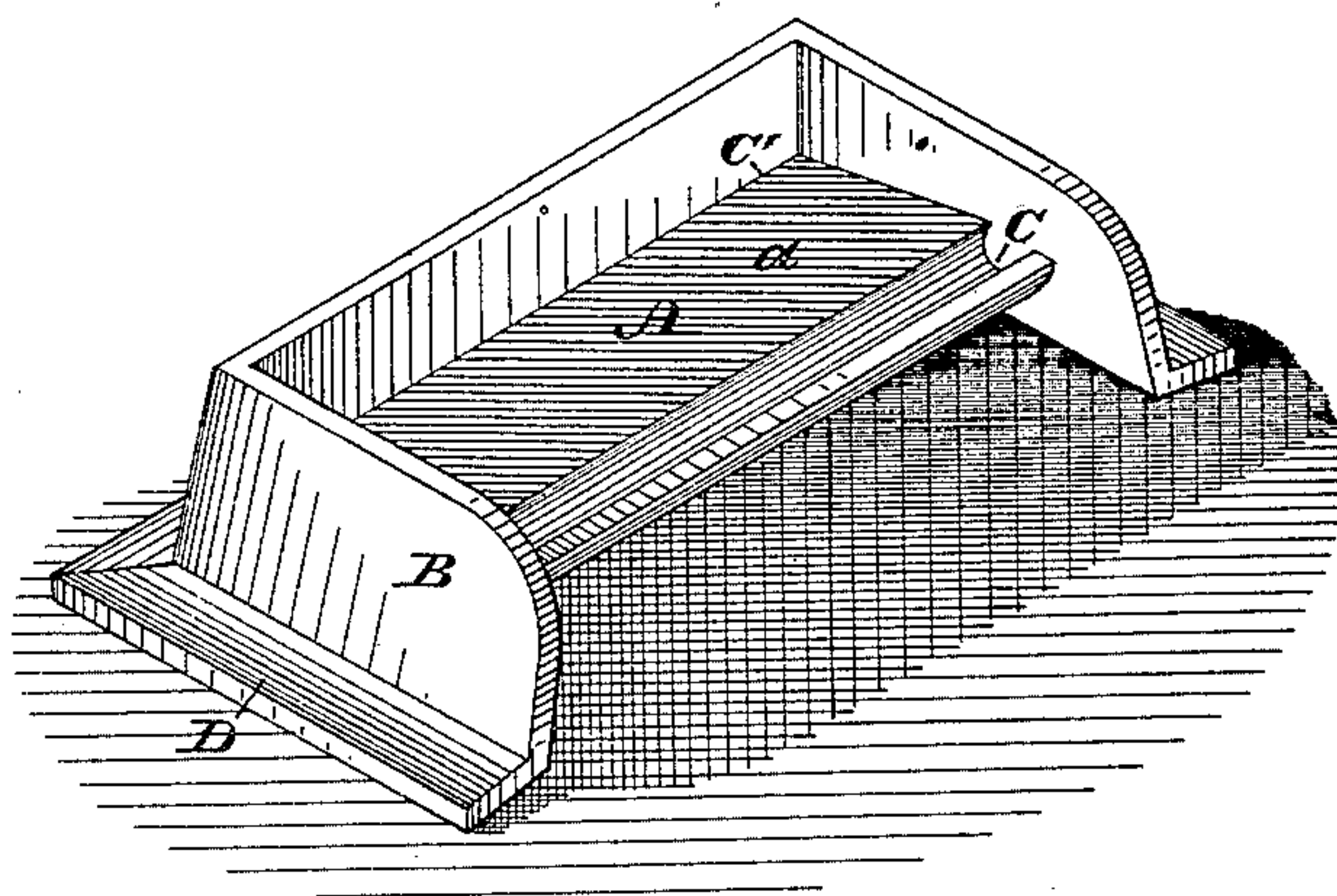


Fig. 4.



WITNESSES:

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HOWARD WHITE, OF PHILADELPHIA, PENNSYLVANIA.

PENCIL-SHARPENER.

SPECIFICATION forming part of Letters Patent No. 318,404, dated May 19, 1885.

Application filed December 22, 1884. (No model.)

To all whom it may concern:

Be it known that I, HOWARD WHITE, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Pencil-Sharpeners, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 represents a top or plan view of a pencil-sharpener embodying my invention. Fig. 2 represents a front view thereof. Fig. 3 represents a vertical section in line *xx*, Fig. 2. Fig. 4 represents a perspective view thereof.

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

My invention consists of a pencil-sharpener of simple and inexpensive construction, and one in which the dust may be readily collected, all as will be hereinafter fully set forth.

Referring to the drawings, A represents a plate having a roughened or sharpening surface, *a*, and B represents a supporting-frame having three sides, which rise above said plate A, the fourth side of said frame or front of the device being open for access of the pencil to the surface *a* of the plate A.

C represents a gutter, which is connected with the plate A at the front of the device, and it extends in the longitudinal direction thereof, it being noticed that the plate is inclined downward from said gutter, whereby the inner or lower end thereof forms with the adjacent wall of the frame A a channel, C'.

D represents a base, which supports various parts of the device, and the same may be readily grasped and handled, and may be rested on a table, desk, &c., and secured thereto by screws or nails passed through openings in said base; but in practice the sharpener is designed to be held by hand and made in one piece, although it is evident that the plate A

may be made removable from the frame B, for which purposes lugs may be formed on the frame to support the plate or openings made in the side thereof for the withdrawal and return of the plate. (See dotted lines, Figs. 2 and 3.)

The operation is as follows: The pencil is presented to the surface of the plate A and its point worked on the same until it is properly sharpened. The dust in the main descends the grooves of the plate A, and is collected in the channel C'. Another portion of the dust, escaping at the front end of the plate A, drops into the gutter C, and thus the entire dust may be collected. By properly overturning the device the dust may be removed and the plate, gutter, and channel entirely cleared of the same. The inclination of the plate is also serviceable, as it accords with the angle of the slate or lead pencil held thereon during the sharpening operation, and uncomfortable positions of the hands are avoided.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A pencil-sharpener consisting of a plate having a sharpening-surface and a supporting-frame open at one side thereof, the said plate having a gutter or channel on the side toward the open side of the frame, substantially as and for the purpose set forth.

2. The sharpening-plate A, provided with a gutter, C, in combination with a supporting-frame, B, the walls of which rise above said plate, the latter being inclined downward from the front, forming the channel C', substantially as and for the purpose set forth.

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Witnesses:

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