

(No Model.)

C. E. CARPENTER.
PENCIL SHARPENER.

No. 440,540.

Patented Nov. 11, 1890.

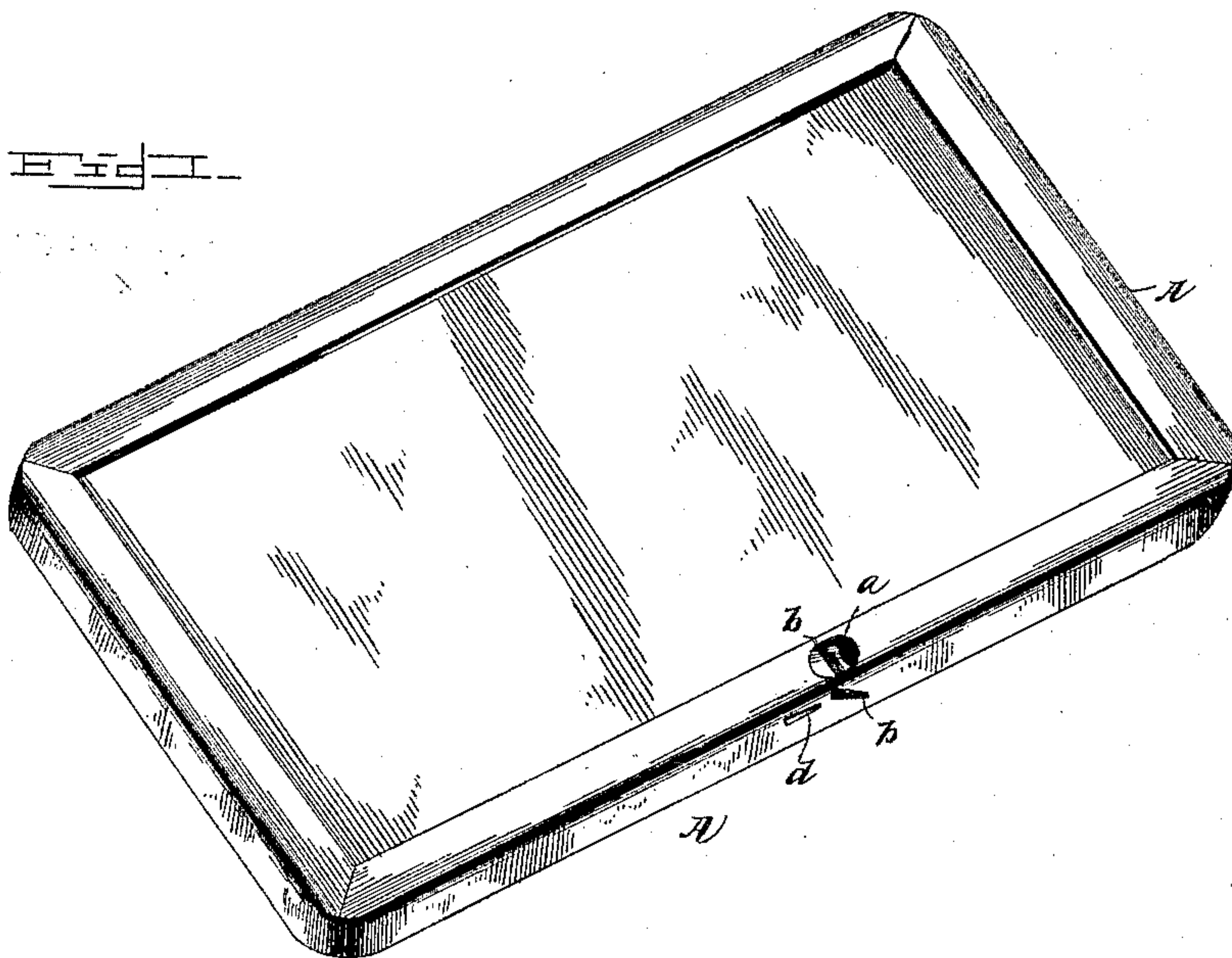
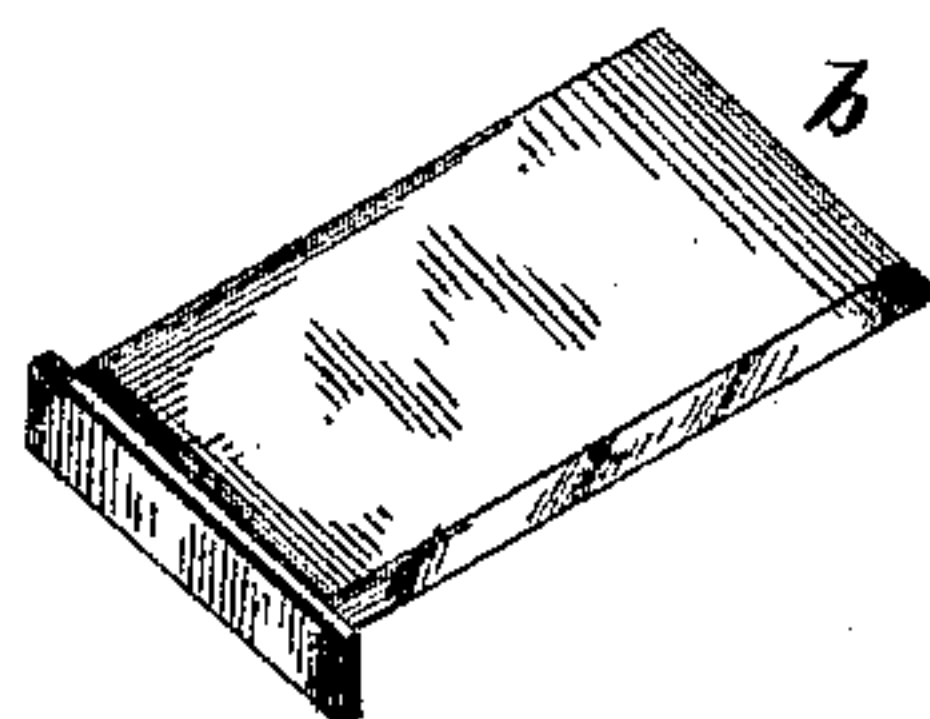
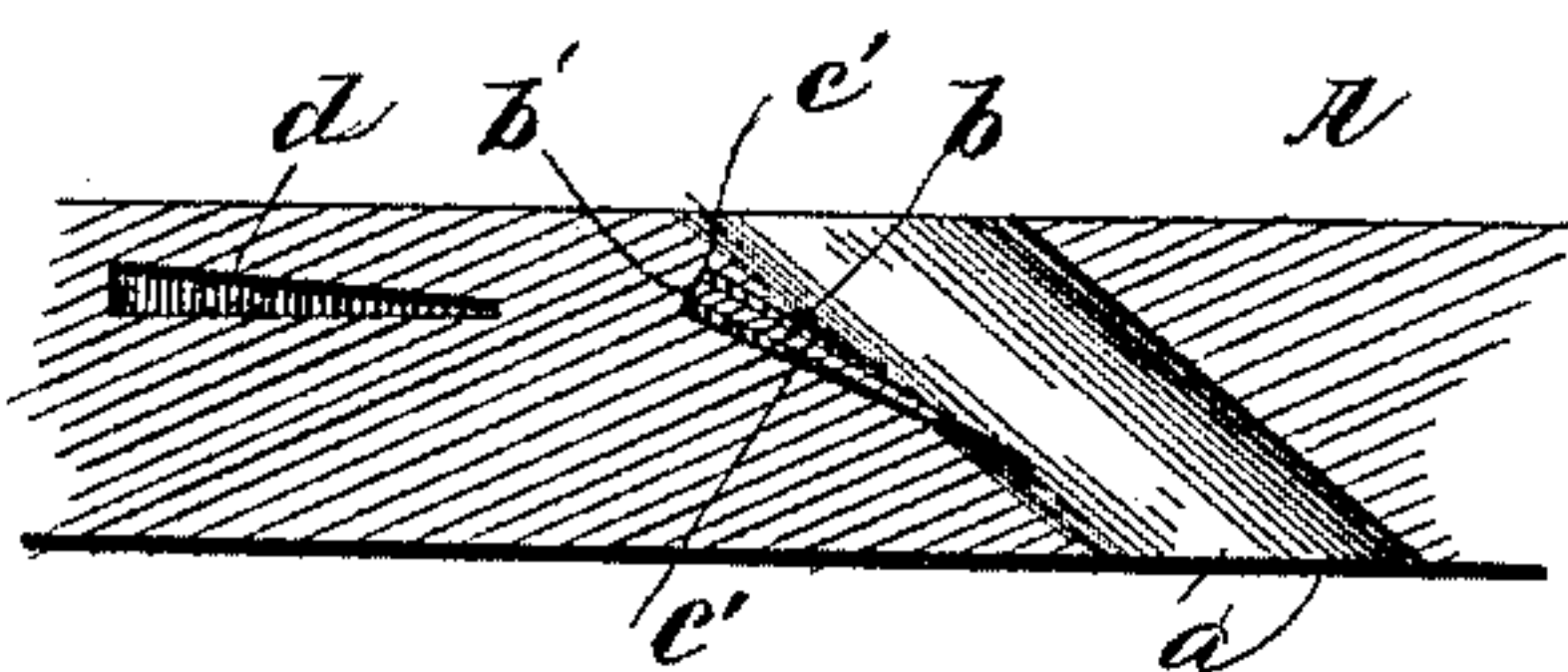


Fig. 2

Fig. 3



Witnesses
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UNITED STATES PATENT OFFICE.

CLARENCE E. CARPENTER, OF HORSEHEADS, NEW YORK, ASSIGNOR TO JOHN
M. VANGORDEN, OF SAME PLACE.

PENCIL-SHARPENER.

SPECIFICATION forming part of Letters Patent No. 440,540, dated November 11, 1890.

Application filed March 24, 1890. Serial No. 345,111. (No model.)

To all whom it may concern:

Be it known that I, CLARENCE E. CARPENTER, a citizen of the United States of America, residing at Horseheads, in the county of Chemung and State of New York, have invented certain new and useful Improvements in Pencil-Sharpener, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention pertains to an improvement in pencil-sharpener; and it consists in the novel construction and arrangement of the parts whereby a very efficient, simple, and inexpensive sharpener is produced, and one which may be made in edge of a desk, a slate, or in a holder, substantially as hereinafter more fully described, and shown in the accompanying drawings, in which—

Figure 1 is a perspective view of my pencil-sharpener. Fig. 2 is a side elevation thereof, and Fig. 3 is a detail view of the same.

In the embodiment of my invention I employ a knife-holder frame A, formed in any convenient and suitable shape and comprising an inclined circular slot *a* running there-
through, which is crossed near its center by knife-blade *b*, suitably inserted and secured in any ordinary manner in inclined recess *b'*, being packed on either side thereof with rubber strips *c' c'* to deaden the sound caused by friction. Thus constructed it will be seen that by inserting the pencil in slot *a* and drawing it toward you and giving the pencil at brief intervals a partial rotation the opera-

tion is readily performed and the pencil nicely sharpened, thus saving time and preventing the hands from coming in contact with the pencil-dust.

To protect the knife-blade from becoming rusty from dampness, I provide near recess *b'* a similar recess *d*, in which the blade *b* is inserted, thus completely covering said blade.

I do not confine myself to any particular shape or structure of the slot *b*, as it may be made to conform to any of the various shapes of pencils.

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

1. In a pencil-sharpener, the knife-blade having the rubber strips on either side thereof, in combination with the lateral recess and the circular inclined slot, substantially as shown and described.

2. In a pencil-sharpener, the holder having an inclined slot running therethrough, in combination with the knife-blade having the rubber strips on either side thereof, and the lateral recess in the side of said holder for reception of said knife-blade, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

CLARENCE E. CARPENTER.

Witnesses:

W. E. BREESE,
J. M. VANGORDEN.