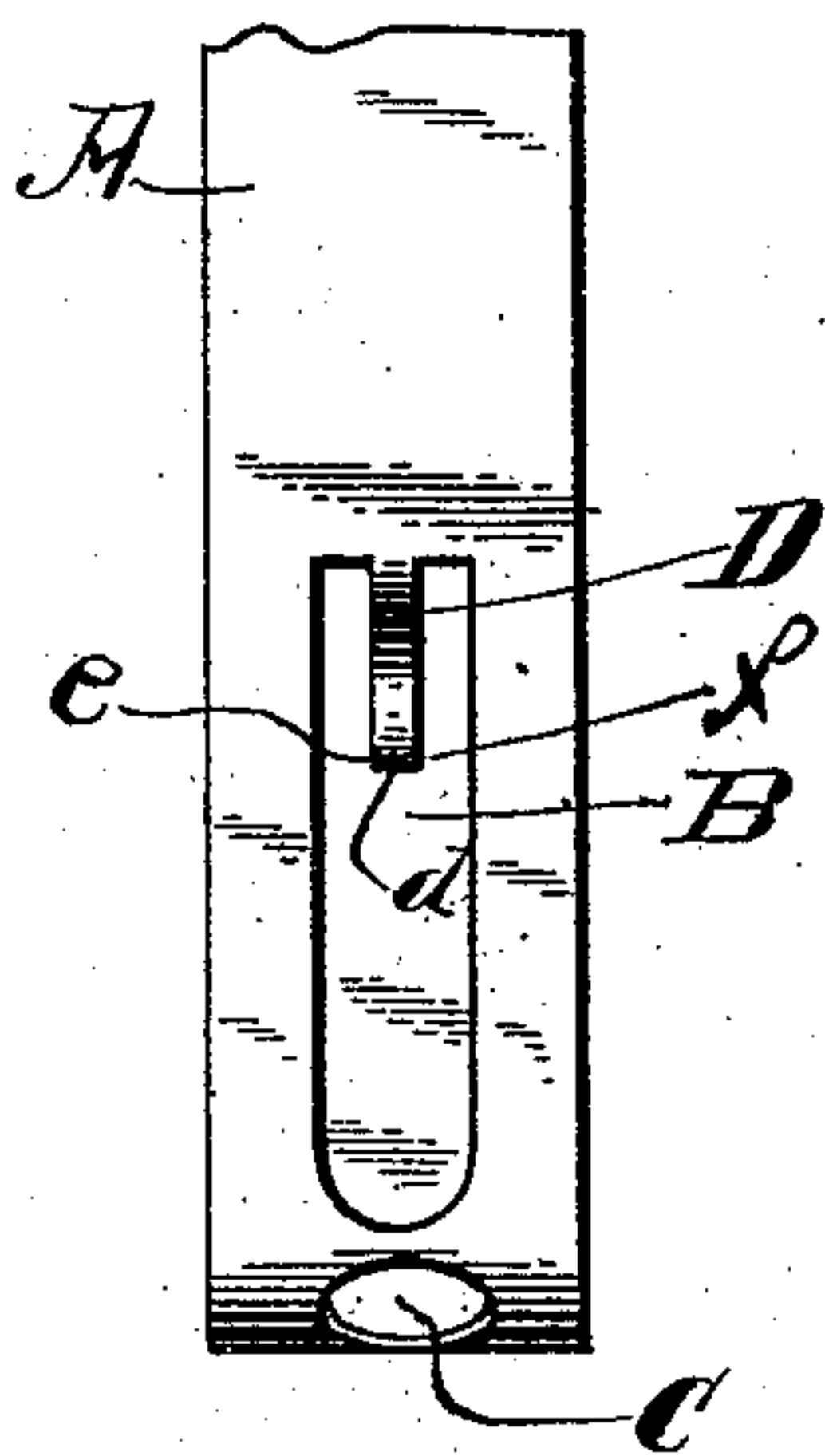
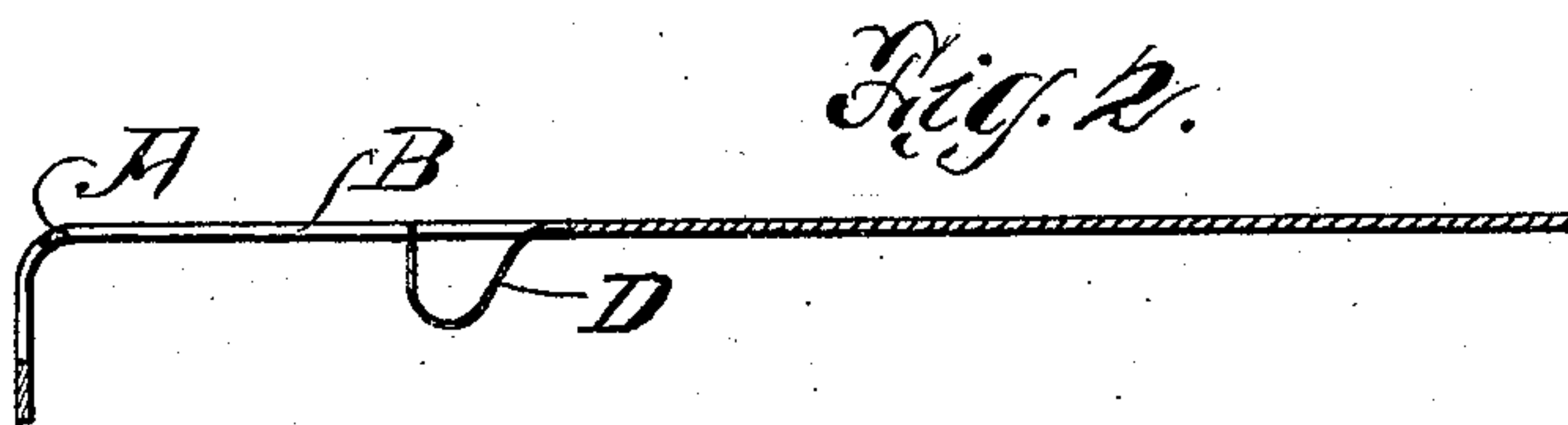
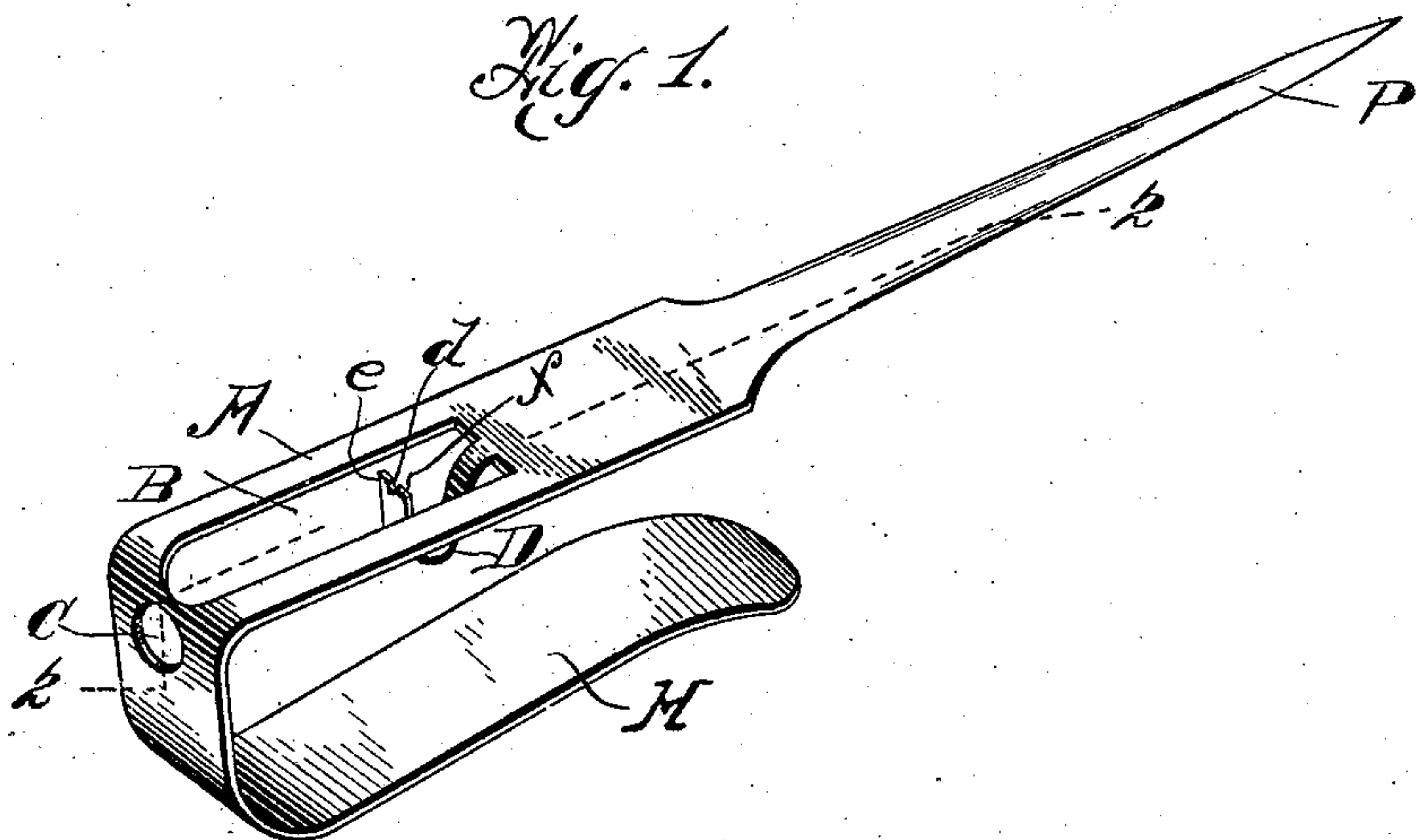


No. 849,821.

PATENTED APR. 9, 1907.

J. J. VAUTIER.
PENCIL SHARPENER.
APPLICATION FILED JAN. 24, 1907.



Witnesses:
G. A. Jagers
Philip Beck

Fig. 3.

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UNITED STATES PATENT OFFICE.

JOHN J. VAUTIER, OF NEW YORK, N. Y.

PENCIL-SHARPENER.

No. 849,821.

Specification of Letters Patent.

Patented April 9, 1907.

Application filed January 24, 1907. Serial No. 353,823.

To all whom it may concern:

Be it known that I, JOHN JAMES VAUTIER, a citizen of the United States, and a resident of the borough of Manhattan, city, county, 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 to the accompanying drawings, in which—

Figure 1 is a perspective view of my improved sharpener. Fig. 2 is a detail side elevation taken in section along the line 2 2 shown in Fig. 1. Fig. 3 is a front view of a detail shown in Fig. 2.

Similar letters designate similar parts throughout the several figures.

My invention relates to improvements in devices for holding pencils while being sharpened, and has for its object, among other things, the provision of means whereby such pencils may be held in place during the sharpening process, and, besides, the position of the point of the pencil may be raised or lowered relatively to the plane through which the knife-edge passes in sharpening the pencil, to the end that the angle or degree of "fineness" of the lead point obtained by the use of my sharpener may be varied as desired.

A is a plate formed of suitably-shaped metal cut and folded over at one end, as shown in Fig. 1. It is provided with a longitudinal slot or opening B and also with a circular hole C of suitable size to admit the pencil cut in the folded-over end of the plate A, as shown in Fig. 1. At the farther end of the slot B, and preferably integral with the plate A, is the pencil-point-holding member D bent circularly below the plane of the slot B, movable within said slot, and provided at its extremity with a semicircular recess *d*, adapted to support between its jaws *e* and *f* the point of the pencil during the sharpening process. D may from its construction be set so as to insure the presentation of the central longitudinal axis of the pencil and its point at a variety of angles relatively to the plane of the surface of plate A, over which the knife-edge passes during sharpening, whereby, as will be obvious, a more or less blunt or attenuated point may be secured as desired. D may be resilient, so that the desired angle may be im-

parted and varied during sharpening by merely exerting more or less pressure upon the pencil.

The clamp-piece H is a prolongation of the folded-over end of the plate A, as shown in Fig. 1, and is so formed and bent as to contact with its upper surface the lower surface of the top of a table or desk, so as to hold firmly in place my improved sharpener when a forward pressure is exerted after the pencil is inserted into my device.

The plate A may be prolonged in a tapered form, such as is shown in Fig. 1, by the part P so as to combine a paper-cutter with my pencil-sharpener; but of course it is to be understood that this paper-cutter attachment constitutes no part of my invention.

The operation of my pencil-sharpener is as follows: The device is slipped over the horizontal edge of a desk or table, so that the edge of said desk is held between A and the clamp-piece H. The pencil is then inserted through the hole C and pushed forward until the point rests in and is supported by the recess *d* of the member D. The knife is then pushed forward along the face of the plate A with its edge in contact with latter and removes a portion of the pencil. The pencil is then partially rotated and another shaving is removed, and so on until the operation is finished. It will be observed that by exerting a downward as well as a forward pressure upon the point of the pencil it may when D is sufficiently movable and resilient be lowered relatively to the face of the plate A and that by such change in the relative position of the pencil-point the fineness of the sharpened lead point may be regulated as desired; also, tendency to breakage diminished.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is the following, viz:

1. A pencil-sharpener consisting of a sheet-metal plate provided with a longitudinal slot, and having a folded-over end provided with a hole cut therein, and a pencil-point-holding member movable relatively to said slot, substantially as described.

2. A pencil-sharpener consisting of a sheet-metal plate provided with a longitudinal slot and having a folded-over end provided with a

circular hole cut therein, and a resilient pencil-point-holding member yieldingly movable within said slot, substantially as described.

3. A pencil-sharpener consisting of a sheet-
5 metal plate provided with a longitudinal slot and having a folded-over end integral with said plate and provided with a circular hole cut therein, a clamp-piece beneath the face of

said plate and integral therewith, and a resilient pencil-point-holding member integral 10 with said plate and yieldingly movable within said slot substantially as described.

JOHN J. VAUTIER.

Witnesses:

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