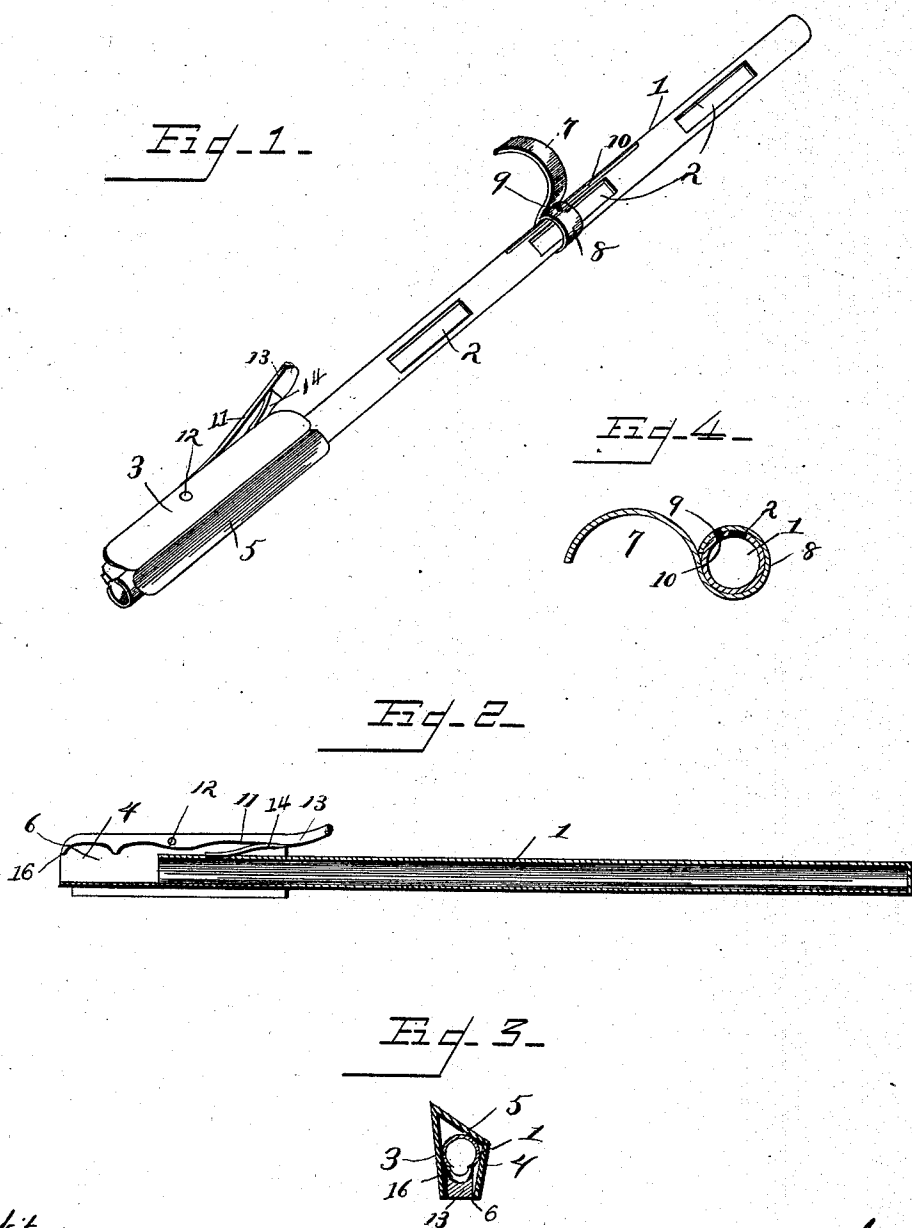


(No Model.)

J. P. HAISLIP.
PEN OR PENCIL HOLDER.

No. 413,366.

Patented Oct. 22, 1889.



Witnesses:
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UNITED STATES PATENT OFFICE.

JOHN P. HAISLIP, OF SALEM, VIRGINIA.

PEN OR PENCIL HOLDER.

SPECIFICATION forming part of Letters Patent No. 413,366, dated October 22, 1889.

Application filed April 23, 1889. Serial No. 308,259. (No model.)

To all whom it may concern:

Be it known that I, JOHN P. HAISLIP, a citizen of the United States, residing at Salem, in the county of Roanoke and State of Virginia, have invented a new and useful Improvement in Pen or Pencil Holders, of which the following is a specification.

This invention has relation to holders for pens or pencils, and among the main objects in view are to provide a holder the lower portion of which is so formed as to render the liability of a wrong position of the hand while grasping the same an impossibility.

A further object of the invention is to provide the holder with means for adjustably retaining a lead or slate pencil; or, if desired, a pen-receiving device of some well-known form may be substituted.

The invention is especially designed for use of schools and for the holding of slate-pencils, whereby the hand of the child will naturally assume a correct position while writing, irrespective of the length of the pencil.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be particularly pointed out in the claims.

Referring to the drawings, Figure 1 is a perspective of a holder constructed in accordance with my invention. Fig. 2 is a longitudinal section of the same. Fig. 3 is a transverse section of the lower end of the holder, and Fig. 4 is a sectional view of the index-finger embracing arm 7 on the shaft 1.

Like numerals of reference indicate like parts in all the figures of the drawings.

1 represents the shaft of the holder, which, for the purpose of holding lead or slate pencils, I form hollow, and provide the same with a series of slots 2, whereby the lead or slate pencil may be forced to the lower end of the holder. The lower end of the holder I form larger than the shaft portion and of such a shape as to adapt the same to fit the first and second finger and thumb of the hand when grouped in a correct position for writing. In doing this I form said lower portion in trapezium form in cross-section, the same comprising the surfaces 3, 4, and 5, the sur-

faces 3 and 5 being acutely arranged to each other, and the surface 4 being slightly oblique to the surface 5. This enlarged portion may be formed either integral with the holder 1 or separate therefrom, as desired, and, as in this instance, the holder 1 terminating short of the lower end of the enlarged portion. The relative location of the surfaces 3 and 4 is such as to form an intermediate space or slot 6, and in the same I secure any ordinary pencil-retaining medium—in this instance a flat lever 11, the free end 16 of which is grooved to bear against a lead or slate pencil and retain the same in the desired position. The lever is pivoted at about its center, as at 12, and terminates in a thumb-plate 13 at its rear, and under the lever is arranged a small spring 14, adapted to provide the lever with sufficient tension.

Upon the shaft 1, I mount an index-finger embracing arm 7, the lower end of which is twisted or bent to form an eye 8, a fin 9 projecting therefrom, sliding within a groove 10 formed in the shaft 1, whereby said rest is made adjustable up and down the shaft to adapt the same for different sizes of hands.

If the device is used as a pen-holder, the construction described, together with any well-known pen-receiving socket, is all that is necessary.

By the construction described it will be seen that in grasping the holder, by reason of the peculiar angles formed therein and the supporting-arms, the latter taking over the forefinger, such a thing as a wrong position for writing will be almost an impossibility.

Having described my invention, what I claim is—

1. The herein-described holder, consisting of the shaft 1 and the angular portions or surfaces 3 4 5 6, arranged to form a trapezium, substantially as specified.

2. The combination, with the herein-described hollow pencil-shaft 1, having the trapezium-shaped lower grasping end, slotted, as at 6, and provided with the lever 11, pivoted, as at 12, having the rear portion 13, the interposed spring 14, and the bent grooved forward end 16, substantially as specified.

3. The shaft 1, having the series of slots 2 and the trapezium-shaped lower end slotted, as at 6, in combination with the lever 11, pivoted, as at 12, and having the interposed spring 14, substantially as specified.

4. The shaft or holder made trapezium in form in cross-section, having the surfaces 3, 4, and 5, the surfaces 3 and 5 being acutely arranged to each other and the surface 4 be-

ing slightly oblique to the surface 5, as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JNO. P. HAISLIP.

Witnesses:

B. F. ELLINGER,
WM. W. BALLARD.