

J. H. KNAPP.
Pen and Pencil-Cases.

No. 142,243.

Patented August 26, 1873.

Fig: 1.

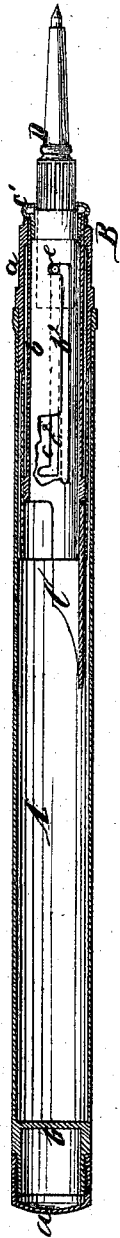


Fig: 2.

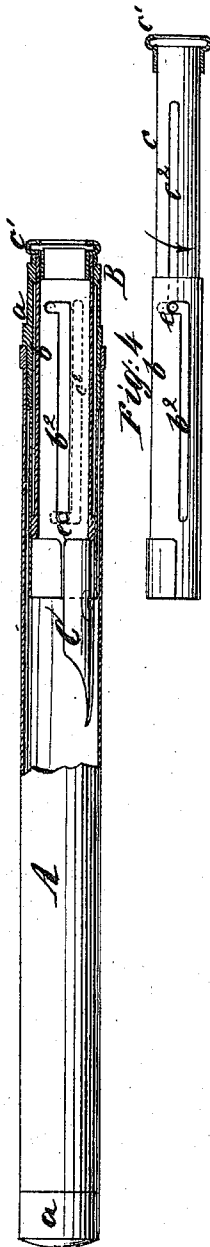


Fig: 3.



Witnesses.
Ernst Bilhuter
Chas. Winkler

Inventor.
John H. Knapp
By
Wm. L. Loomis & Son
Attys

UNITED STATES PATENT OFFICE.

JOHN H. KNAPP, OF NEW YORK, N. Y.

IMPROVEMENT IN PEN AND PENCIL CASES.

Specification forming part of Letters Patent No. 142,242, dated August 26, 1873; application filed July 1, 1873.

To all whom it may concern:

Be it known that I, JOHN H. KNAPP, of the city, county, and State of New York, have invented a new and useful Improvement in Pen and Pencil Cases; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which drawing—

Figure 1 represents a sectional side view of my invention when the pencil is drawn out for use. Fig. 2 is a similar view of the same when the pencil is pushed in. Fig. 3 is a similar view of the same when the pen is turned out for use. Fig. 4 is a detached side view of the mechanism for moving the pencil-tip.

Similar letters indicate corresponding parts.

This invention consists in the construction of a combined pen and pencil case, in which the case proper consists of a single length of tube with a reversible holder, having in one end a socket to receive the pen, and in its other end a sliding pencil-tip, the operation of which depends upon an internal slide, in such a manner that when the holder is secured in the case, with the pen in position for use, the case takes hold of the holder on that portion which contains the socket for the pen, and the pen is effectually prevented from turning round or from sliding in or out during the act of writing, and at the same time my holder affords a firm hold for the pencil-tip.

In the drawing, the letter A designates a case, which consists of a single length of tube, and which is closed at one end by a cap, *a*, and a transverse partition, *b*, to form a chamber for containing spare leads. In the open end of this case is fitted a holder, B, which is provided at one end with a socket to receive the pen C, while its other end contains the sliding pencil-tip D. The holder B consists of three tubes, *a b c*, the tube *b* being soldered to the interior of the tube *a*, leaving a socket at one end for the reception of the pen. The tube *c* slides in the tube *b*, and it is provided with a head, *c'*, by means of which it can be drawn out or pushed in. Into the tube *c* is fitted the pencil-tip D, from

which projects a pin, *e*, that extends through a slot, *c''*, in the tube *c*, and through a slot, *b''*, in the tube *b*. Both these slots are L-shaped, but they are situated in reverse position, the angular part of the slot *b''* being near the outer end of the tube *b*, while the angular part of the slot *c''* is near the inner end of the tube *c*.

If the tube *c* is turned to the position shown in Fig. 1, the pin *e* is forced into the angular part of the slot *b''*, and the tube *c* may be drawn out to the position shown in Fig. 4 without affecting the pencil-tip. But by turning the tube *c* in the direction of the arrow marked on it in Fig. 4, the pin *e* is forced in the long portion of the slot *b''*, and at the same time it enters the angular part of the slot *c''*, and if the tube *c* is then forced back it carries the pencil-tip with it, so that the same is protected by the holder B. By this arrangement the holder B is supported by its main tube *a* in whatever direction it may be inserted into the case A, and in writing with the pen, particularly, the danger that said pen may turn round accidentally is entirely avoided. At the same time the pencil-tip is firmly supported, and when the pencil is used it is not liable to waggle.

I do not, broadly, claim a pen-socket and pencil-tip arranged within a pencil-case so that either will be withdrawn or projected from the same end of the case by means of two slotted tubes, for such of itself is not my invention, but is old and well known. My invention consists in combining, with a pencil-case, a reversible holder having at one end a socket for the pen and at the other a pencil-point operated by two sliding tubes and an interior permanently-fixed tube, the result being that all turning of the pen when writing is avoided.

What I claim as new, and desire to secure by Letters Patent, is—

In combination with the pencil-case A, the reversible holder B, having at one end a pen-socket and at the other the pencil-tip D, said holder containing the sliding tubes *a c* and rigidly-fastened interior tube *b*, substantially as herein shown and described, for the object specified.

Witnesses:

JOHN H. KNAPP.

W. HAUFF,

E. F. KASTENHUBER.