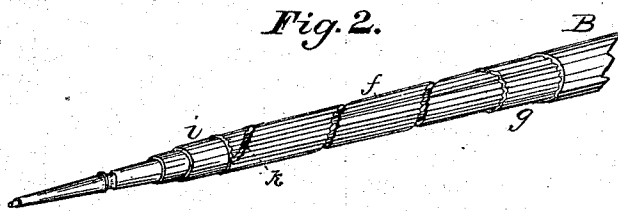
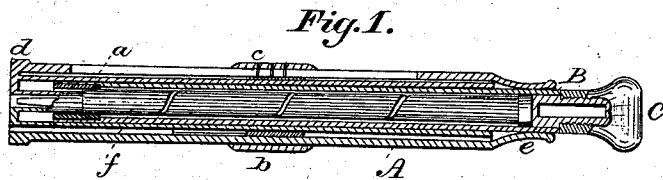


JOHN HOLLAND.
 Pen and Pencil-Case.

No. 159,513.

Patented Feb. 9, 1875.



WITNESSES:

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JOHN HOLLAND, OF CINCINNATI, OHIO.

IMPROVEMENT IN PEN AND PENCIL CASES.

Specification forming part of Letters Patent No. 159,513, dated February 9, 1875; application filed November 21, 1874.

To all whom it may concern:

Be it known that I, JOHN HOLLAND, of the city of Cincinnati, Hamilton county, State of Ohio, have invented a certain new and useful Improvement in Pen and Pencil Cases, of which the following is a specification:

My invention relates to that class of pen and pencil cases composed of telescopic shells, combined in such a way that the case may be closed by pushing one over the other, and the pen and pencil-point drawn within them, so as to be protected from injury while conveniently carried in the pocket.

The object of my invention is to produce a stronger and better case than has been heretofore produced at a less cost of labor and material, and this is accomplished mainly by providing a fluted and spirally-grooved tube for protruding and retracting the pencil-point, and a correspondingly fluted or corrugated collar made to slide over it, and attached to the extension-handle at one end, to revolve the said tube by means of the collar and handle, whether the same is drawn out or closed.

Figure 1 is an enlarged view of the pen and pencil case in its closed position, and partly in section to show the operative parts. Fig. 2 is a perspective view of the operative parts and part of the extension-handle. Fig. 3 is a view of the fluted and spirally-slotted tube or screw. Fig. 4 is a view of the tube on which the fluted screw fits, and its collars, between which the same turns, and the inner tube, to which the pencil-tip is attached, shown partly protruded.

A is the outer shell; B, the extension-holder; C, the cap that screws on the end of the extension handle. *a* is a tube attached to the outer shell at each end, and leaving an annular space between itself and the outer case for the ring *b*, to which the pen-holder is secured, to slide in, the said tube *a* being just large enough to allow the extension-handle B to slide in it. C is the outer slide, which is attached to the inner ring, *b*, by means of pins, which pass through a slot in the case A, to move the pen back and forward. *d* is a cap secured to the front part of the case, with a circular opening in the center for the pencil-point to protrude through, and a semi-annular opening on one side, corresponding with the space between the outer shell, A, and the tube *a*, to

allow the pen to protrude. *e* is a collar secured to the back end of the shell A and tube *a*. The mode of constructing the parts indicated by the above letters of reference is well known, and needs no further description. *f* is the externally-fluted and spirally-slotted tube. *g* is the corrugated collar. *h* is a tube, upon which the slotted tube fits, so as to turn freely between the collars *i* and *i'*. The front end of this tube is secured permanently to the cap *d*. *j* is the inner tube, to the front end of which the pencil-tip is attached in the ordinary way. *k* is a pin secured in the tube *j*, and, passing through the slot in the tube *h*, engages in the spiral slot in the tube *f*, by which the tip is protruded and retracted as the tube *f* is revolved by turning the handle B. *i* and *i'* are collars secured on the tube *h*, and between which the tube *f* turns. The collar *i'* fits closely the extension-handle B, and, by coming in contact with the fluted-collar *g*, prevents the handle B from being entirely withdrawn.

I construct my case as follows: The parts being made the proper size, the tube *j* is slipped into the tube *h*, and the pin *k* secured in it. The collar *i* is then secured in place, the fluted tube *f* slipped up against it, and the collar *i'* slipped up against the slotted tube. The parts, as thus constructed, are slipped into the handle B from the rear, the lead-holder and cap C secured in the usual way, and the whole passed into the tube *a* from the rear, when the tube *h* is secured to the cap *d* at the front, and the pen and pencil case completed.

As my invention is limited to the operative parts shown in Figs. 2, 3, and 4, it is obvious it may be employed in a pencil-case alone, or in a pen and pencil case combined.

Having thus described my improvement, I claim—

In a pen and pencil case, the combination of the externally-fluted and spirally-slotted tube *f*, fluted collar *g*, attached to handle B, tubes *h* and *j*, the latter having pin *k* attached thereto, and collars *i* and *i'*, for protruding and retracting the pencil-tip, substantially as shown and described.

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Witnesses:

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