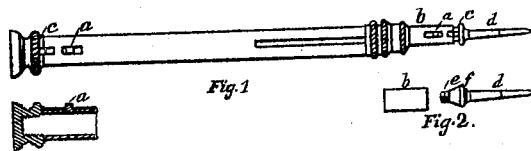


T. Woodward,
Pencil Case.

No. 1823.

Patented Oct. 14, 1840.



UNITED STATES PATENT OFFICE.

THOMAS WOODWARD, OF BROOKLYN, NEW YORK.

EVER-POINTED PENCIL-CASE.

Specification of Letters Patent No. 1,823, dated October 14, 1840.

To all whom it may concern:

Be it known that I, THOMAS WOODWARD, of the city of Brooklyn, in the county of Kings and State of New York, have invented certain Improvements in the Manner of Constructing Ever-Pointed Pencil-Cases, Which When so Improved I Denominate the "Security Ever-Pointed Pencil-Case;" and I do hereby declare that the following is a full and exact description thereof.

In the ever-pointed pencil case, as ordinarily constructed, much inconvenience has been experienced from the coming loose of the heads, and of the points in which the pencil is contained, while being carried in the pocket, or otherwise, thus occasioning inconvenience and loss. It also frequently happens that in the act of writing, the point becomes loose at the screw joint by which it is attached to the revolving tip; and the object of my improvements is to remove these causes of complaint, which I effect in the following way. I attach the heads and points to the appropriate parts of the case in the usual way, by screwing them together; but as an additional fastening, and effectually to prevent their becoming unscrewed from accident, I insert a small sliding bolt, or catch, in the upper part of the pencil case, and I make a notch in the edge of the head, in such a manner as that when the head is screwed up to its bearing the bolt may be slid, so that its end will pass into said notch, and prevent its being unscrewed until the bolt is retracted. I in like manner sometimes insert a similar bolt, or catch, in the revolving tip, into which the point screws, and make a notch in the upper part of the point in such manner as that when it is screwed home the bolt may be slid forward into said notch. Sometimes, however, I omit this latter bolt, and prevent the tendency in the point to become loose by constructing the screw joint in such a manner as that in addition to the screw there shall be a cone formed on the point, and a conical socket within the tip, at their place of junction with each other, which cone and

conical socket shall be brought together by the screw, instead of bringing the parts together at a shoulder, as has hitherto been uniformly done.

In the accompanying drawing, Figure 1, represents an ever-pointed pencil case with the head and the point both secured by a bolt. A thumb piece *a*, *a*, projects through a slot in the body of the pencil case at its upper end, and in the revolving tip *b*, at its lower end, by which the bolt or catch inclosed within them may be moved backward and forward, so as to enter the notches *c*, *c*, in the head, or in the point, and by which they may be withdrawn therefrom at pleasure. A spring-catch may be made to perform the same office with the bolt, but I prefer the latter as being more simple. Fig. 2 shows the revolving tip *b*, and the point *d*, separated from each other, for the purpose of exhibiting the manner in which I sometimes combine the screw and conical joint in this part of the apparatus. The screw *e*, on the end of the point *d*, is succeeded by a cone *f*, instead of by a shoulder; and within the tip *b* there is a corresponding screw and hollow cone, by which device the point will be effectually prevented from wriggling loose in the act of writing, or otherwise.

Having thus fully described the nature and objects of my improvements in the ever-pointed pencil case, what I claim as new therein, and desire to secure by Letters Patent, is—

1. The employment of a bolt, or catch, formed and operating substantially as herein set forth, in combination with the ordinary screw, for securing the heads and points of such cases.

2. And I also claim in lieu of such bolt or catch, at the point and tip, the combining of the cone with the ordinary screw, in the manner and for the purpose set forth, and applied to the ever-pointed pencil case.

THOMAS WOODWARD.

Witnesses:

EDWARD COPLAND,
WILLIAM RUSHMORE.