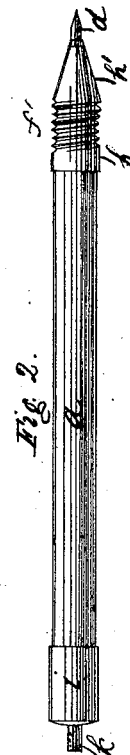
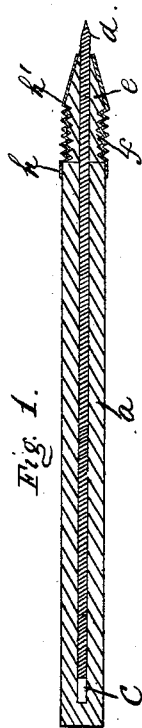


H. S. WICKHAM.

Improvement in Pencil-Holders.

No. 114,893.

Patented May 16, 1871.



k watch key.

Witnesses.

R. T. Sperry
Embeiss

Inventor.

H. S. Wickham

UNITED STATES PATENT OFFICE.

HORACE J. WICKHAM, OF MANCHESTER, CONNECTICUT, ASSIGNOR, BY MESNE ASSIGNMENTS, TO JOSEPH RECKENDORFER, OF NEW YORK CITY.

IMPROVEMENT IN PENCIL-HOLDERS.

Specification forming part of Letters Patent No. 114,893, dated May 16, 1871.

To all whom it may concern:

Be it known that I, HORACE J. WICKHAM, of Manchester, county of Hartford and State of Connecticut, have invented certain new and useful Improvements in the Manufacture of Pencils; and to enable others skilled in the art to make the same, I will proceed to describe, referring to the drawings, in which the same letters indicate like parts in each of the figures.

The object of this invention is to produce a cheap, efficient, and durable article.

In the accompanying drawings, Figure 1 is a sectional side view. Fig. 2 is a side view of the same, having a cap and watch-key attached thereto.

a is a pencil-stock, of any suitable material, having a chamber, *c*, formed therein for the reception of the lead *d*. The end *e* of this stock is cone-shaped, and is provided with a screw-thread, *f*, just back of and in close proximity with the cone-shaped end. This outer end or cone shape has a longitudinal slit, so that different size leads may be introduced into and compressed therein. *h* is a screw-threaded cap, made from flat sheet-metal blank very much in the same way or manner of forming cartridge-shells, and afterward finish the cap by spinning up the screw-thread *f'* thereon in the common way, so as to produce a complete and perfect finish of the screw-thread *f'* and conical end *h'*. Thus I am enabled to insert into the chamber *c* leads of variable sizes and lengths, equal to the length of the stock, and, by turning said cap *h* onto the screw-thread *f* over the conical-shaped end *e* of the pencil-stock *a*, it will, at its extreme point, firmly compress the longitudinally-slitted cone-shaped end *e* of the stock, at or near its extreme point, against the body of the lead, and, when the lead is worn

up, by simply loosening the cap *h* the lead can be easily and quickly readjusted and firmly secured in the gripe of the slitted end by turning the cap firmly onto the screw of the stock. *i* is a cap for the opposite end of the stock. This cap may be made a perfect duplicate of the cap *h*, or of plain surface, as shown in drawings, having a watch-key, *k*, secured thereto, the object of which is to give finish to the pencil and provide a more ready and convenient means for winding and regulating the position of the pointers of a watch for pocket use.

I believe I have thus shown the nature, construction, and advantage of this invention, so as to enable others skilled in the art to make and use the same therefrom.

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

1. As an improved article of manufacture, a pencil, the stock of which has a chamber for an adjustable lead, an exterior screw-thread, a conical-shaped end, and with a longitudinal slit therein, all formed in one piece composing the stock, combined with a screw-threaded cap having a conical end formed from sheet-metal, and serving to clamp the stock to the lead, constructed, as described, so as to fit to the conical end of the stock and give support to its extreme point, all substantially as set forth.

2. In combination with a finishing cap or socket of the pencil, the watch-key *k* affixed thereto on the line of its axis, substantially as and for the purpose set forth.

H. J. WICKHAM. [L. S.]

Witnesses:

R. T. SPERRY,
E. W. BLISS.