

E. R. Goulding,

117273

Crayon Holder.

PATENTED JUL 25 1871

Fig. 1.

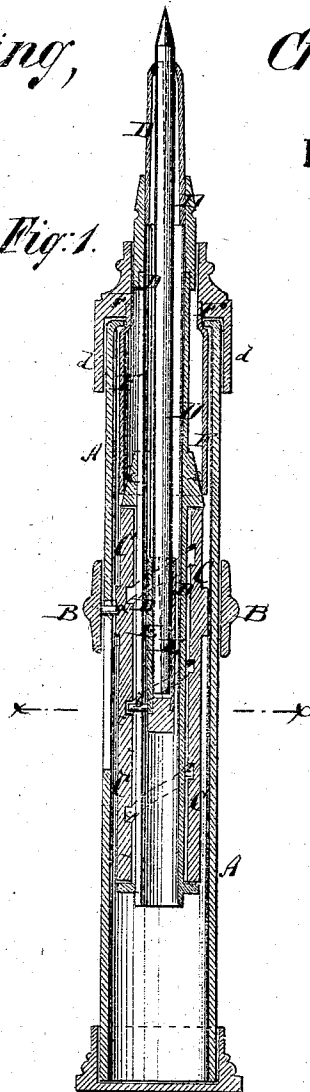
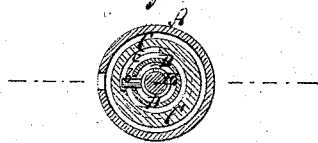


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

FRANCIS ROBERT GOULDING, OF ROSWELL, GEORGIA.

IMPROVEMENT IN PENCIL-CASES.

Specification forming part of Letters Patent No. 117,273, dated July 25, 1871.

To all whom it may concern:

Be it known that I, FRANCIS ROBERT GOULDING, of Roswell, in the county of Cobb and State of Georgia, have invented a new and Improved Crayon-Holder; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and execute the same, reference being had to the accompanying drawing forming part of this specification.

Figure 1 represents a longitudinal section of my improved crayon-holder. Fig. 2 is a transverse section of the same taken on the plane of the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention consists in improving crayon-holders, as hereinafter fully described and subsequently pointed out in the claim.

A in the drawing represents the outer case or barrel of a pencil or crayon-holder. It is slotted and carries the sliding ring B, which is, by a pin, *a*, passing through the slot of A, connected with the inner sliding tube C in the usual manner. Within the tube C is swiveled the tube D, which contains the pencil-feed E, as in ordinary pencils of this kind. The pencil-feed is moved longitudinally out or in by the turning of the tube D, which causes a pin, *b*, projecting from E into a helical groove, *c*, of the tube C, to move in said groove and produce the desired longitudinal adjustment. In the lower end of the barrel A is swiveled a short tube, F, which has a projecting rim or wheel, *d*, right at or over the end of the

barrel, as shown. The periphery of the wheel *d* is preferably milled or roughened, so that it can be easily turned. Upon the tube D is mounted a conical projection, *e*, as shown.

When the pencil is to be used the ring B is moved down to let the nozzle end of the tube D project from the barrel. In this position the cone *e* strikes the inner end of the tube F and is clamped, so that by turning said tube F the cone and nozzle will also be revolved and the crayon-feeder moved longitudinally within D. Thus, by turning the wheel *d* the desired feed is obtained. The straight-slotted tube D thus becomes disconnected from the outer revolving tube, when the lead-holder is drawn within the case, and vice versa. The person holding the barrel A to write with the pencils can, with a finger of the right hand, easily reach the wheel *d* and turn it, thereby feeding the crayon out when the end has been worn off. The process of writing need therefore not be arrested for the purpose of feeding the crayon.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The cone *e*, projecting from movable tube D, combined with swiveled tube F and wheel *d*, as and for the purpose specified.

The above specification of my invention signed by me this 21st day of February, 1871.

FRANCIS ROBERT GOULDING.

Witnesses:

ARCH SMITH, Jr.,
F. J. MINHINNETT.