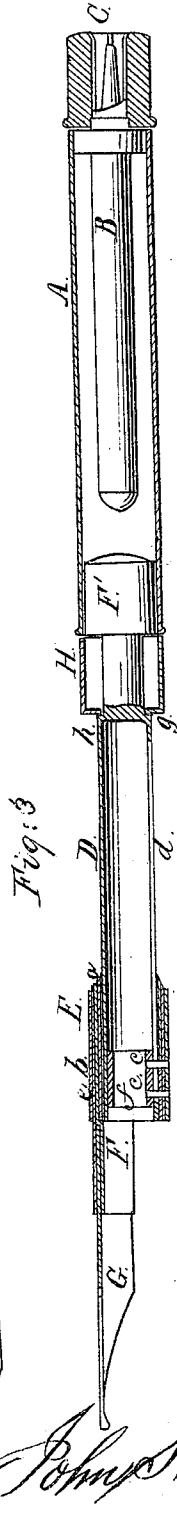
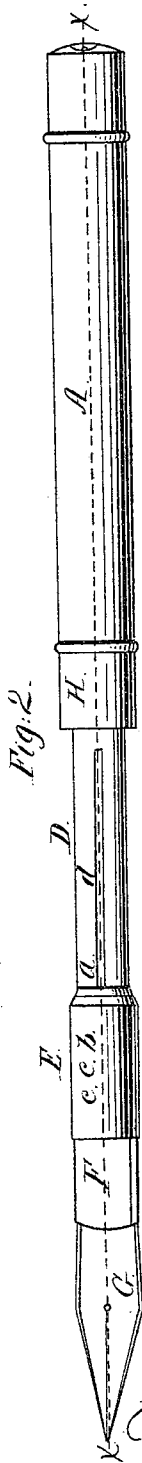
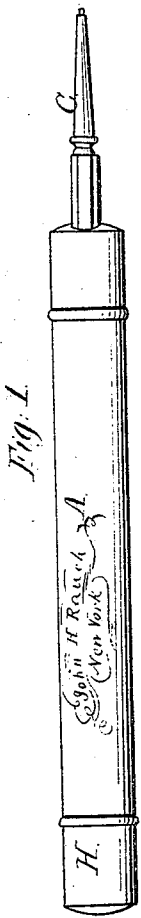


J.H. Rauch.
Pen & Pencil Case.

No 40855. Patented Dec. 8. 1863



Witnesses:
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Inventor:
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UNITED STATES PATENT OFFICE.

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

IMPROVEMENT IN PEN AND PENCIL CASES.

Specification forming part of Letters Patent No. 40,855, dated December 8, 1863.

To all whom it may concern:

Be it known that I, JOHN H. RAUCH, of the city, county, and State of New York, have invented certain new and useful Improvements in Pen and Pencil Cases; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is an external view of my invention in a closed state, with the pencil extended for use; Fig. 2, an external view of the same in an extended state, with the pen adjusted for use; Fig. 3, a longitudinal central section of the same in an extended state, with the pen adjusted for use, *x x*, Fig. 2, indicating the plane of section.

Similar letters of reference indicate corresponding parts in the several figures.

The object of this invention is to obtain a combined pen and pencil case which will be capable of being closed, so as to be quite short and convenient to carry in the pocket, and at the same time be capable of being readily extended or lengthened, when used either with the pen or pencil, and admit of a good-sized pen being used. Pen and pencil cases of this kind hitherto constructed only admit of a small pen being used, much smaller than business men are in the habit of writing with, and the consequence is that the sale of this kind of article has been much restricted.

My invention possesses all the advantages of the different kinds of extension pen and pencil cases hitherto used, with the additional advantage of the large pen, simplicity of construction, and the facility with which the parts may be adjusted, both for use and for the pocket.

To enable those skilled in the art to fully understand and construct my invention, I will proceed to describe it.

A represents a tube which forms the short case of the device, and which has secured centrally or concentrically within it a tube, B, in which the screw of the pencil C is fitted, the pencil being moved out from the tube A or drawn within it by turning the tube A. This screw arrangement for operating the pencil is quite old and well known to those skilled in the art, and therefore does not require a minute or special description. The only novelty pertaining to this screw arrangement is the

position of the tube B, which admits of a tube, D, fitting or passing over it when shoved into tube A. This tube D is considerably smaller in diameter than the tube A, and upon it a slide, E, is fitted, which contains the pen-holder F, the latter being of the usual form to receive the pen G. The pen-slide E is formed of two separate tubes, *a b*, one of which, *a*, is fitted snugly on the tube D, and, while allowed to slide freely, is prevented from turning thereon by means of pins *c c*, which pass through a longitudinal slot, *d*, in said tube. The outer tube, *b*, is a thin band, which encompasses *a* and the shank *e* of the pen-holder F, as shown clearly in Fig. 3, and this band holds the pen-holder firmly in position, preventing it from working in any direction. The pins *c c*, which pass through the slot *d* in the tube D, pass into a ring or band, *f*, within the tube D, which is shown clearly in Fig. 3. The internal diameter of this ring or band *f* is rather smaller than the tube B in the case A, so as not to admit of the tube B passing through *f*. The object of the band *f* is to prevent the point or nib of the pen G being injured by coming in contact with the end of the tube A when the tube D is shoved into A, the outer end of B striking the band *f*, and admitting of the tube D being shoved over B, without allowing the slide E and pen to pass sufficiently far into A to cause the point or nib of the pen to come in contact with the end of A.

On the outer end of the tube D the head F' is screwed, which covers the reserve for pencil-leads. The diameter of this head is just equal to the internal diameter of the tube A, so that the former, when the tube D is withdrawn from A, may be fitted in the end of A and form the pen extension, as shown in Figs. 2 and 3.

H is a tubular slide which works over the head F', and has its external diameter equal the external diameter of the tube A. This slide H has a flange, *g*, at its inner end, which prevents it from slipping off from the head F', and the tube D has a shoulder, *h*, upon it, which prevents the slide being forced back beyond a certain distance on the tube. (See Fig. 3.) When the head F' is fitted in the end of the tube A, the slide H is shoved on the tube D until its flange *g* is in contact with the shoulder *h*, which leaves the whole of the head in the tube, and when the tube D is shoved into the tube A the slide H is forced over the

head F', and causes all the external parts to be of the same diameter, (see Fig. 1,) thereby presenting a neat and uniform appearance. By having the tube B fitted centrally in the tube A abundant space is allowed for a good-sized pen, such as is generally used by business men. The width of the pen, it will be seen, may be equal to the internal diameter of the tube A.

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

1. The tube B, placed centrally or concentrically in the tube A, in combination with the detachable pen-slide tube D, all arranged as shown to admit of the tube D, when shoved into tube A, passing over the tube B, for the purpose of enabling a large pen, G, to be used.

2. Constructing the pen-slide E of two tubes, *a* *b*, one being fitted over the other with the

shank of the pen-holder F between them, as and for the purpose specified.

3. The slide H on the head F', provided with a flange, *g*, or its equivalent, when said slide is used in connection with the tubes A D, for the purpose set forth.

4. The ring or band *f* within the tube D, and attached to the pen-slide E, when used in connection with the tube B in the tube A, to preserve the nib or point of the pen when the tube D is shoved into tube A, as described.

5. The combination of the tubes A B D, pen-slide E, and the head F' with slide H, all arranged substantially as and for the purpose herein set forth.

JOHN H. RAUCH.

Witnesses:

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