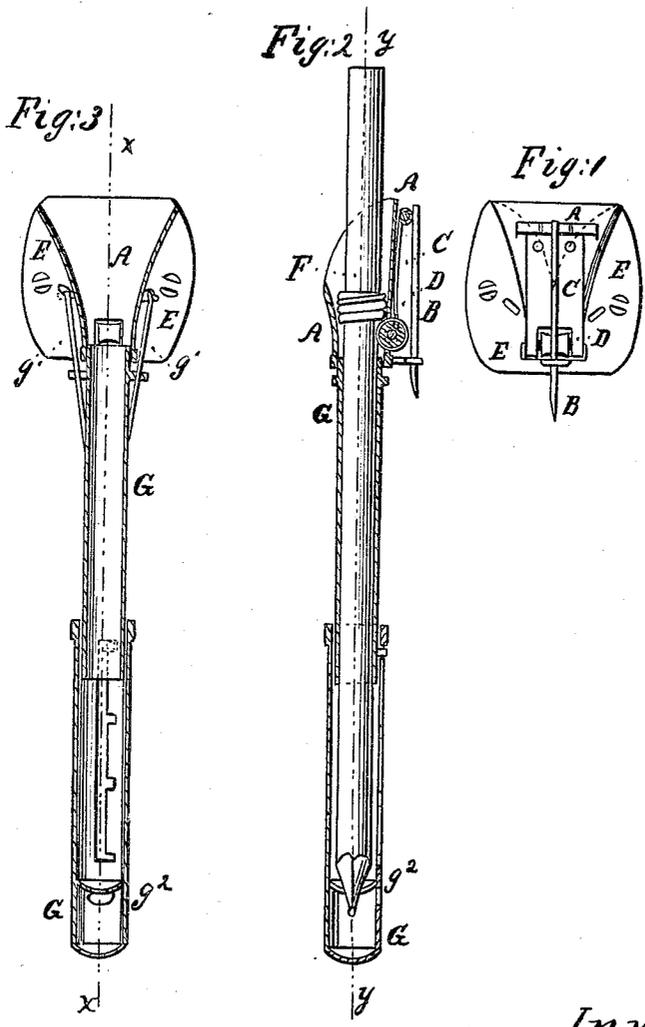


S. Ayres.
Pencil Sheath.

N^o 82,272. Patented Sept. 22, 1868.



Witnesses
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SAMUEL AYRES, OF DANVILLE, KENTUCKY.

Letters Patent No. 82,272, dated September 22, 1868.

IMPROVEMENT IN PENCIL-SHEATHS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, SAMUEL AYRES, of Danville, in the county of Boyle, and State of Kentucky, have invented a new and improved Pencil-Sheath or 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 use the same, reference being had to the accompanying drawings, forming part of this specification.

Figure 1 is a rear view of my improved holder, the tube being removed.

Figure 2 is a longitudinal central section of the same, taken through the line $x x$, fig. 3, the tube being attached, and showing a pencil in place.

Figure 3 is a longitudinal central section of the same, taken through the line $y y$, fig. 2, the pencil being removed.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish a neat, simple, and convenient device, by means of which a pencil may be safely held in such a position as to be always at hand ready for use; and it consists in the construction and combination of the various parts, as hereinafter more fully described.

A is the sheath or holder, which is made somewhat in the shape of a short trumpet or funnel-shaped tube, somewhat flattened, and having an angular piece cut out of the upper part of its front side, as shown in dotted lines in fig. 1. To the rear side of the holder A is attached a pin, B, in the same manner as the pin is attached to a lady's breast-pin.

C is a spring, the upper end of which is attached to the upper part of the rear side of the holder A, and to the lower or free end of which is pivoted a concave roller, D, which projects through a slot or hole in the rear side of said holder, so as to rest and press against the pencil when in place, and prevent it from working or being pushed out.

E are wings attached to the holder A, and having eyelet-holes or openings through them, so that the holder may be sewed fast to the garment upon which it is worn. The wings E may be a plate, as shown in the drawings, or they may be made of wire or other framework.

When the wings E are used, the pin B may or may not be attached to the holder A, as may be desired.

F is a stop attached to the pencil, to prevent the said pencil from being pushed down too far in the holder, as shown in fig. 2. The stop F may be made of metal or other suitable material, and it may be stationary or adjustable, as may be desired.

G is a tube attached to the lower end of the holder A, to protect the point of the pencil. The tube G may be attached to the holder A by spring-hooks g^1 , or it may be screwed upon the lower end of said holder, or secured in place in any other convenient manner. In the lower end of the tube G is placed a false bottom or diaphragm, g^2 , having a hole through its centre to receive the point of the pencil and prevent it from being accidentally broken off. The tube G may be made in two parts sliding upon each other, and secured in place, when adjusted to the proper length, by a bayonet-catch, as shown in figs. 2 and 3, or, if desired, it may be made in one piece, without the extension-adjustment. The pencil-holder may be attached to the vest near the watch-pocket, or it may be attached to the inner side of the breast of the coat, or in any other convenient position.

I claim as new, and desire to secure by Letters Patent—

1. The combination of the slotted funnel-shaped holder A, spring C, and friction-roller D, the perforated wings E, and the adjustable protecting-tube G, having the perforated diaphragm g^2 , all constructed and arranged as described, for the purpose specified.

2. In combination with the slotted funnel-shaped holder A, roller D, and protecting-tube G, the adjustable stop F upon the pencil, as herein described, for the purpose specified.

3. The combination of the protecting-tube G with the holder A, constructed substantially as herein shown and described, and for the purpose set forth.

SAM'L AYRES.

Witnesses:

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