A. P. ALLEN.

FOUNTAIN PEN-HOLDER.

No. 182,094. Patented Sept. 12, 1876.

Fig. 1.

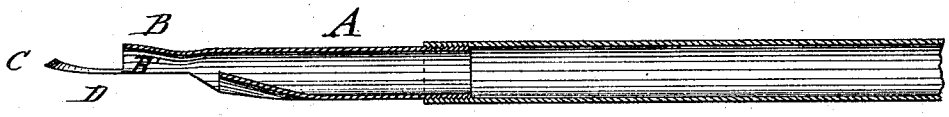


Fig. 2.

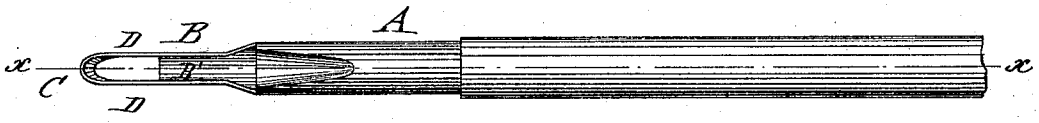
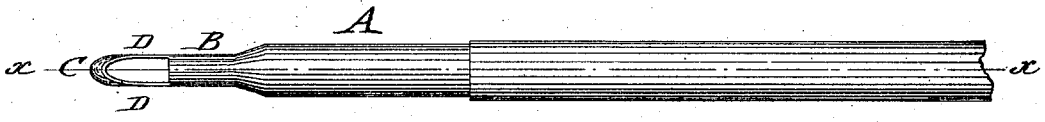


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

ALMERRIN P. ALLEN, OF DENMARK, IOWA.

IMPROVEMENT IN FOUNTAIN PEN-HOLDERS.

Specification forming part of Letters Patent No. **182,094**, dated September 12, 1876; application filed May 22, 1876.

To all whom it may concern:

Be it known that I, ALMERRIN P. ALLEN, of Denmark, in the county of Lee and State of Iowa, have invented a new and Improved Fountain Pen-Holder, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a vertical longitudinal section on line *x x*, Figs. 2 and 3, of my improved fountain pen-holder; and Figs. 2 and 3 are, respectively, bottom and top views of the same.

Similar letters of reference indicate corresponding parts.

The invention relates to an improved fountain pen-holder that supplies the required quantity of ink to the pen during writing, while holding at the same time the main body of ink in check, and conveying it in regular and even manner to the point of the pen.

The invention consists of a pen-holder with a cap-extension and beveled point, that is connected by narrow side strips, that fit the shape of the pen, with the cap-piece.

In the drawing, A represents a pen-holder, that is stamped out of suitable sheet metal, according to the size and shape of the pen to be used therewith. The pen-holder A is applied to a hollow gutta-percha, glass, or sheet-metal handle, which forms the ink-fountain. The pen-holder A is formed with a cap-shaped extension, B, and a beveled point, C, that are both stamped out of one piece of metal with the holder A, and pressed into shape by suitable dies. The cap B forms a cavity, B′, above the body of the pen, being inclined or beveled from the front toward the rear, the cavity in pen-cap being equal to one-third or more the size of cavity in handle, the handle being filled with ink. The pen-holder A is then inserted into the handle by means of a screw-thread or air-tight slide.

When the cap-extension B and point C are dry, a slight shake is required to bring the ink down from handle to fill the point C with ink; but when the cavity B′ and point C are wet, the ink will fill the point C when held in position to write, and the atmospheric pressure holds the main body of ink in check.

Narrow side strips D connect the cap B with the beveled point C, both point and strips being adapted to fit the special kind of pen for which the pen-holder is manufactured.

The main body of ink is held suspended by the air-cavity, and supplied to the point C and the point of the pen along narrow side strips or rims D, along which the ink flows evenly to the beveled point, forming a kind of siphon with the pen, from which the pen draws the quantity of ink required for writing. The side strips and point keep the ink in a true balance even when the pen-holder is held perpendicular, so as to prevent the shedding or flowing of ink when not writing.

By taking out the pen the cap-piece and point may be readily cleaned, and thereby protected against corrosion.

The device forms a cheap and convenient fountain-pen, which is applicable to any kind or shape of pen.

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

The pen-holder A, having extension B and point C in one piece, and connected by straps D, the said extension being beveled, and provided with a cavity, B′, above the body of pen, substantially as shown and described.

ALMERRIN P. ALLEN.

Witnesses:
JAS. P. BROWN,
JONATHAN ALLEN.