J. W. GREEN.

PEN-HOLDERS.

No. 194,038. Patented Aug. 14, 1877.

Fig. 1

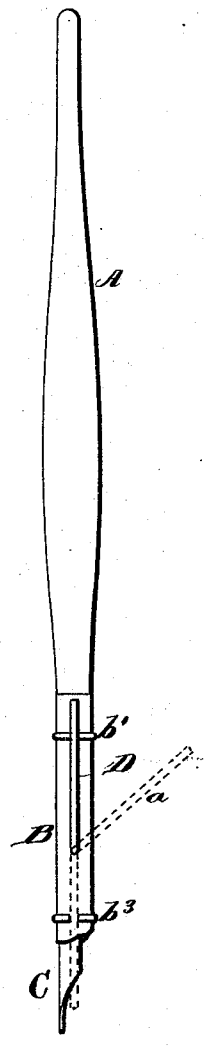


Fig. 2.

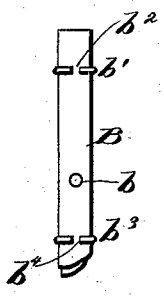


Fig. 3.



WITNESSES

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JOHN W. GREEN, OF PONTIAC, MICHIGAN.

IMPROVEMENT IN PEN-HOLDERS.

Specification forming part of Letters Patent No. **194,038**, dated August 14, 1877; application filed January 27, 1877.

To all whom it may concern:

Be it known that I, JOHN W. GREEN, of the city of Pontiac, in the county of Oakland and State of Michigan, have invented a new and valuable Improvement in Ruling Attachments to Pen-Holders; and do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings represents a side elevation of a pen-holder provided with my improved ruling attachment. Figs. 2 and 3 are detail views.

The object of this invention is to provide a convenient and cheap form of pen-holder, which will enable an ordinary writing-pen to be used for ruling lines without getting the ink upon the ruler or causing other annoyances. This object I accomplish by attaching a pivoted guide-rod to the side of a pen-holder, and combining therewith suitable devices for holding said guide-rod in its proper position, as hereinafter set forth.

In the accompanying drawings, A designates the ordinary wooden or rubber handle or shank of a pen-holder, and B the cylindrical metallic part or pen-holder proper, which is secured thereon in the usual manner, and holds a pen, C.

D, Fig. 1, designates a guide-rod, (shown in detail in Fig. 3,) which is bent at one end, so as to form a pivot-pin or journal, *d*, at right angles to the main part of said guide-rod D. Said pivot-pin or journal *d* is passed through perforations *b b* (one of which is shown in Fig. 2) in the opposite sides of pen-holder B, near the front end thereof, and secured by heading, as indicated at *d'*, or in any other convenient manner. Said guide-rod D then swivels upon said journal or pivot-pin *d*, and may either be turned backward, so as to lie along the side of pen-holder B, or turned forward, so as to be parallel with pen C, as indicated by dotted lines in Fig. 1. The additional dotted lines (marked *a* in said figure) show the intermediate position occupied by said guide-rod when turned partly backward or forward. Said guide-rod is adapted to be locked in its rearward position first above specified by means of an annular bead, b^1, such as is ordinarily formed upon a pen-holder, near the rear end thereof, which bead is notched or cut through at b^2 to receive said guide-rod. The latter is similarly secured in its forward position by means of a similar bead, b^3, which is formed upon or attached to pen-holder B, near the front end thereof, and notched or cut through at b^4.

The elasticity of guide-rod D causes it to spring readily into either one of said notches b^2 b^4, and remain there until raised out by hand and turned on its pivot, as already stated.

If preferred, small serrations or stop-lugs may be substituted for either one or both of said notched beads; or only a single stop-lug may be used instead of the forward bead b^3, to prevent said guide-rod from turning backward during ruling.

Instead of smooth pivot-pin or journal *d*, a screw-threaded pin or stud may be employed, whereby the distance of guide-rod D from pen C may be varied, while maintaining their parallelism.

In ruling, said rod D occupies its forward position, and bears against the side of the ruler, thus protecting and guiding pen C as the latter rules the lines. There is thus no opportunity for the ink to be smeared upon the ruler, nor for the point of the pen to be injured by sidewise pressure of the nib against said ruler, so that a true and even line can be ruled with certainty and without inconvenience.

The rod and front stop, or forward bead therefor, can readily be attached to any ordinary pen-holder without requiring any modification thereof except the making of two small perforations.

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

1. The combination of a pivoted guide-rod with a pen-holder, having a stop therefor near its front end, substantially as and for the purpose set forth.

2. The combination of swiveling guide-rod D with pen-holder B, having notched beads b^1 and b^3, substantially as and for the purpose set forth.

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Witnesses:

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