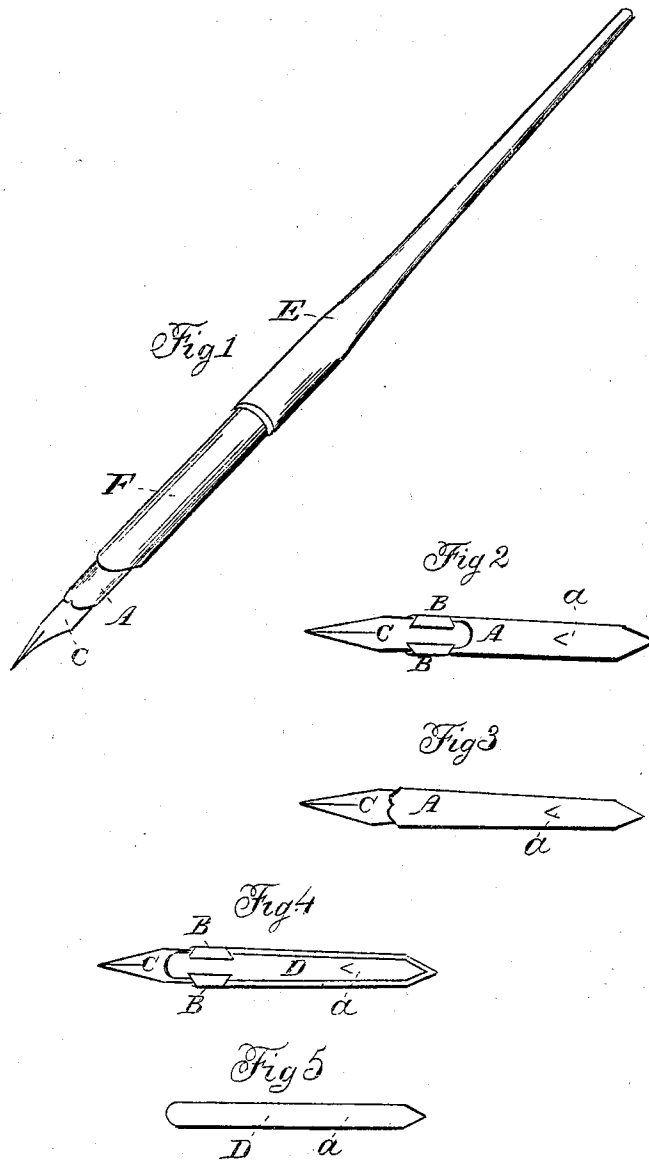


D. E. Hall,
Pen Case.

No. 85,928.

Patented Jan. 19, 1869



Inventor
David E. Hall

Witnesses
H. Burridge
H. Coon



DAVID E. HALL, OF DETROIT, MICHIGAN.

Letters Patent No. 85,928, dated January 19, 1869.

IMPROVEMENT IN PEN-HOLDERS.

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, DAVID E. HALL, of Detroit, in the county of Wayne, and State of Michigan, have invented certain new and useful Improvements in Spring Pen-Holders; and I do hereby declare that the following is a full and complete description of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a view of the pen and holder.

Figure 2, a view of the pen and section of clamp.

Figure 3, a view of the opposite side of fig. 2.

Figure 4, a view of the two sections of the clamp and pen.

Like letters of reference refer to like parts in the different views.

A, fig. 2, represents a metallic plate, one end of which is provided with ears or wings, B, which are folded over and down upon the face of the plate, under which the stem of the pen C is inserted, as represented in figs. 2 and 4.

D, Figure 5, is a supplementary plate, which, as will be seen, is somewhat narrower than the plate H, and upon which it lies with one end inserted under the ears, and resting upon the pen, serving as a wedge whereby the pen is clamped firmly and securely to the plates.

It will be observed that the edges of the pen fit closely up in the angle of the ears, but that the edges of the supplementary plate do not, it being made to occupy the central part of the plate, so that the pressure of the fastening is upon the central part of the pen; therefore no expansive pressure is exerted upon the sides; hence there will be no tendency to change the curve of the pen, and so distend the slit or otherwise injure the point.

The manner of securing these plates or clamps to the handle is as follows, viz: In the end of the handle E, enclosed by the ferrule F, is cut a deep slit, in which

are inserted the two plates, or holders, as they lie upon each other, as shown in fig. 4.

When thus inserted, the barbs or nibs *a*, struck up in each plate, prevent the holder from being pulled out, unless the slit is distended for that purpose.

The ferrule is then slipped on, which compresses the slit end of the handle upon the plates and barbs, thereby holding the pen neatly and firmly in the handle.

It will be observed that the holder and pen thus attached to the handle do not touch the ferrule at any point, and are in no way connected to it, but simply pass through from the end of the handle out; hence the spring given to the holder is not restrained by it, but acts freely and with its full strength, which will be of greater or less tension, according to the length of the holder, the length being more or less, or in proportion to the depth it may be inserted in the slot of the handle.

The peculiar advantage resulting from the use of a pen thus connected to the handle is, that a greater degree of springiness is obtained to the pen than if the same were attached to the holder without a spring, in the ordinary way; hence it will write with a lighter hand and with less strain upon the fingers; the heavy and lighter strokes can be more evenly given, and with greater certainty, so that the penman is enabled to execute his work with greater ease and elegance.

What I claim as my improvement, and desire to secure by Letters Patent, is—

The metallic plate A, ears B, and supplementary plate D, as constructed and arranged, in combination with the pen C and handle E, for the purpose specified.

DAVID E. HALL.

Witnesses:

J. H. BURRIDGE,
E. E. WAITE.