R. B. Laurence.
Pen Holder.

No. 108,916. Patented Nov. 1. 1870

Fig. 1

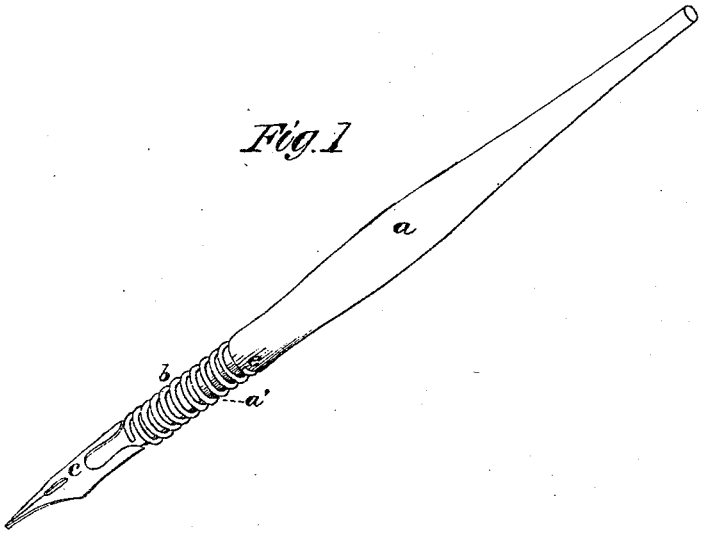
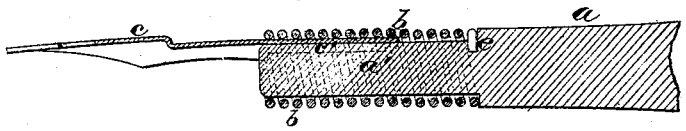


Fig. 2



Witnesses.
R. L. Campbell
F. N. Campbell

Inventor
R. B. Laurence
by
Munn, Howell & Laurence.

United States Patent Office.

ROBERT B. LAWRENCE, OF WHEELING, WEST VIRGINIA.

Letters Patent No. 108,916, dated November 1, 1870.

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, ROBERT B. LAWRENCE, of Wheeling, in the county of Ohio and State of West Virginia, have invented a new and improved Pen-Holder; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing making part of this specification, in which—

Figure 1 is a perspective view of the pen-holder, with pen attached.

Figure 2 is a central section through a pen, its retaining sheath, and portion of the holder.

Similar letters of reference indicate corresponding parts in both figures.

The nature of my invention consists in combining with a pen-holder a coiled spring-wire sheath, adapted for receiving and holding a pen firmly in place, and at the same time affording elasticity to the pen while writing with it.

The following description will enable others skilled in the art to carry my invention into effect.

In the accompanying drawing—

a represents a pen-handle or holder, which may be made of wood or other material, and of any convenient shape.

a' is a reduced cylindrical portion of the holder *a*, on which I slip a helical spring, *b*. This spring is secured in place by bending and forcing one end into the holder, as shown at *e*. The spring *b* may be made of steel or other spring-wire, flat or round, and if the wire is made of corrodible metal it may be coated with a non-corrodible metal.

This spring-coil *b* forms a sheath around the cylindrical portion of the pen-holder, for receiving the shank *c'* of a pen, *c*, and thus attaching the pen to the holder.

By its elasticity the sheath will allow the pen to yield while using it, and thus obviate that stiffness and cramping sensation to the hand which is felt while using a pen which is held by a stiff or unyielding sheath.

I am aware that a spirally-wound wire sheath for holding a pen is not new, the same being shown in the English patent of Perry, numbered 6,678, and dated 1834. The sheath of Perry, however, is not used with a pen and handle in the manner I have shown and described. In Perry's patent the sheath is shown and described as the only support for the pen-shank. In my arrangement the sheath is supported along its whole length by means of the reduced end of the pen-handle, and the pen is supported inwardly by said handle, and outwardly by the spiral wire-sheath. In Perry's plan the spiral winds of the wire bind close upon one another, and there is no spring action longitudinally In my arrangement the spiral winds or coils are separated from one another, and there is a yielding spring action along the whole length of the sheath when the writer is writing with the pen.

I am also aware that cylindric bands of rubber are shown in the said patent of Perry, and that such bands are placed around the reduced end of the pen-holder and the shank of the pen. This construction, however, differs from mine, and does not operate on the principle of a spirally-wound wire sheath.

I do not claim either of the pens shown in said patent of Perry; but

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

The longitudinally-compressible and laterally-expansible spiral wire-sheath *b*, applied on the reduced end of the pen-handle and supported thereby along its whole length, and adapted to receive the shank of the pen between it and the handle, substantially in the manner shown and described.

ROBERT B. LAWRENCE.

Witnesses:

JNO. J. JONES,

MATTHIAS JEFFERS.