

(No Model.)

F. M. LIBBY.

PEN HOLDER.

No. 294,478.

Patented Mar. 4, 1884.

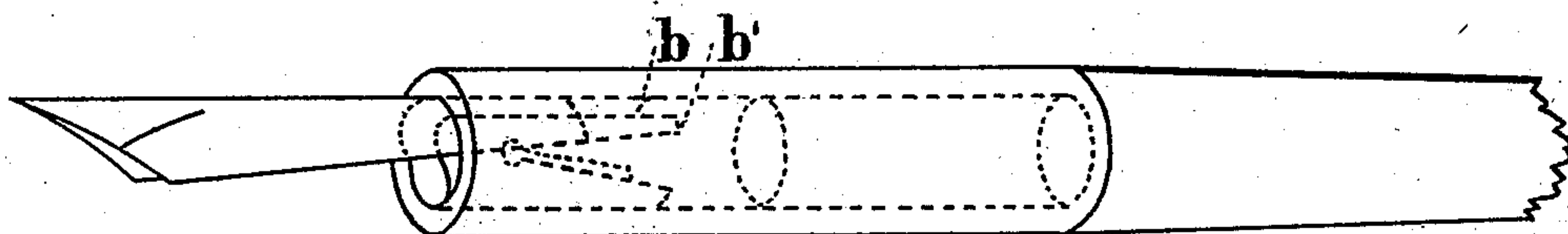


FIG. 1.

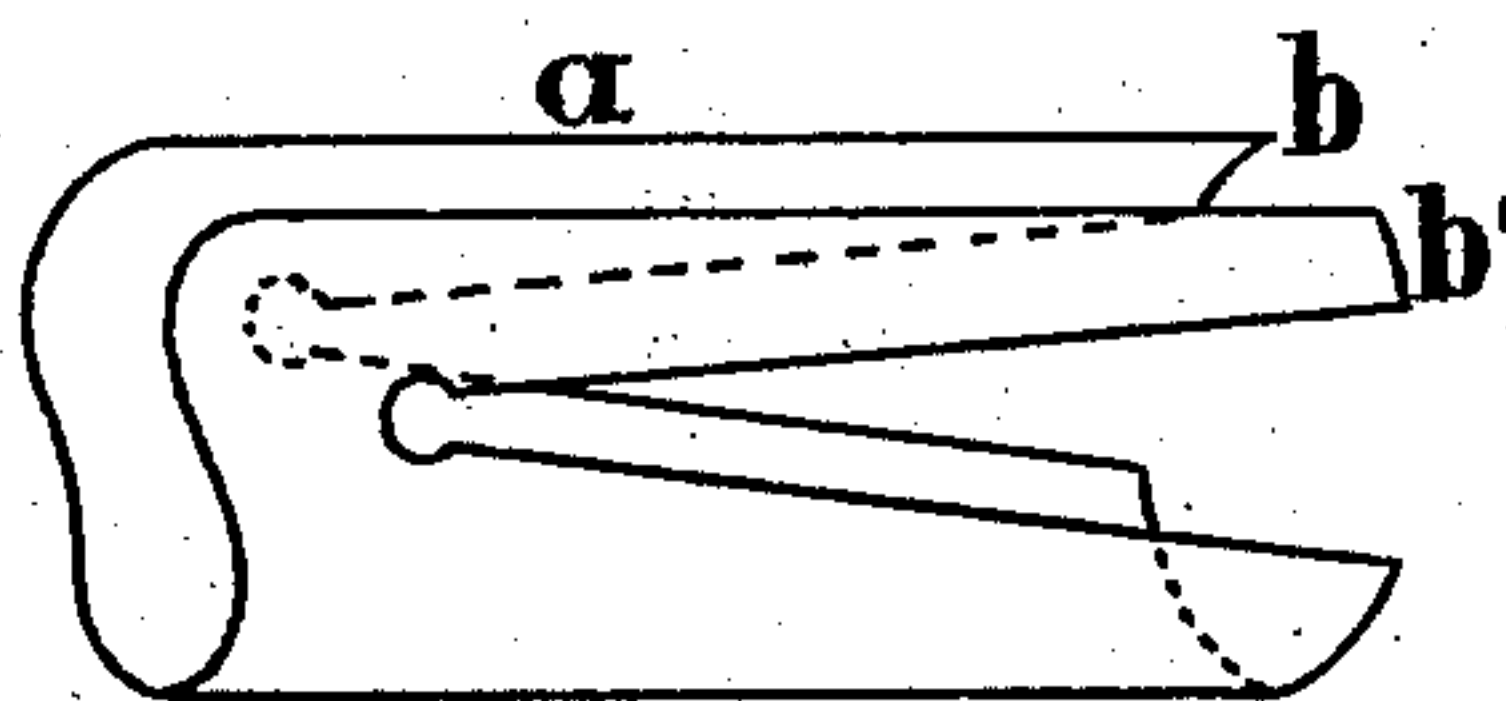


FIG. 2.

WITNESSES:

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UNITED STATES PATENT OFFICE.

FREDERICK MATTHIAS LIBBY, OF PORTLAND, MAINE.

PEN-HOLDER.

SPECIFICATION forming part of Letters Patent No. 294,478, dated March 4, 1884.

Application filed January 16, 1884. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK M. LIBBY, of Portland, in the county of Cumberland and State of Maine, have invented certain new and
5 useful Improvements in Pen-Holders; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings,
10 and to letters of reference marked thereon, which form a part of this specification.

Figure 1 is a side sectional view of a pen-stock with my device inserted therein. Fig.
15 2 is a perspective view of a part of Fig. 1.

Same letters show like parts.

My invention relates to pen-holders in pen-stocks. It is intended to impart elasticity or a yielding property to the pen when it is
20 pressed upon the paper in writing. This quality of yielding affords great relief to the fingers and wrist in writing, and prevents much of the fatigue and pain consequent upon the use for a long time of a pen that is stiff and rigid
25 in the holder and stock. The pen, when placed in my holder, has a slight tipping or vibrating motion when pressed on the paper, and so relieves the writer's hand to a very considerable degree. I accomplish this result by holding
30 the pen in its stock or holder in such a manner that the rear or inner end of the same is free to move or vibrate slightly, thus imparting to the point or nib the yielding quality spoken of. With this view I construct an
35 open tube, *a*, with springs or wings *b b'*. These wings or springs allow the rear end of the pen to tip or vibrate as it is pressed against

them by the pressure of the nib of the pen on the paper in writing. Being elastic, the wings yield, and so imparting a slight "give" or
40 tipping to the nib of the pen, afford great relief to the fingers, hand, and wrist, especially in prolonged writing. Different degrees of elasticity can be imparted to the pen by the length and stiffness of the wings *b b'*. 45

The structure of the tube is clearly seen in the drawings. It is a sheet of metal rolled up into the proper size and form and furnished with wings or springs *b b'*. This is then inserted into the hollow end of a pen-stock. 50
Any pen-stock so constructed as to admit of its insertion can be used to receive it. The tube can be secured in place by rivets entering through the walls of the hollow end of the pen-stock and penetrating the tube, or in any 55 well-known manner. The pen is inserted into the annular space between the outer periphery of the tube and the inner periphery of the hollow of the penstock.

What I claim as my invention, and desire to 60 secure by Letters Patent of the United States, is—

The tube *a*, having wings or springs *b b'*, when inserted into the hollow of a pen-stock, as herein set forth, and secured as described, 65 for the purposes specified.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

FREDERICK MATTHIAS LIBBY.

Witnesses:

WILLIAM HENRY CLIFFORD,
JOHN P. KERRIGAN.