

*E. P. Tiffany,
Fountain Pen.*

No. 100,340.

Patented Mar. 1, 1870.

Fig. 1.



Fig. 2.

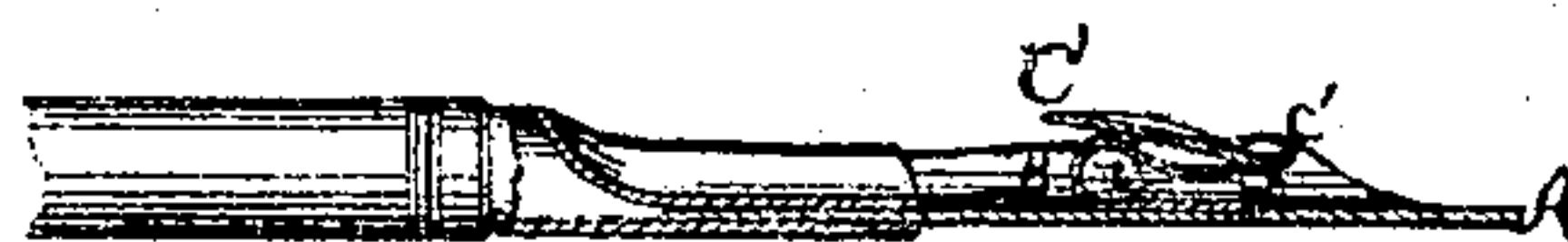


Fig. 4.

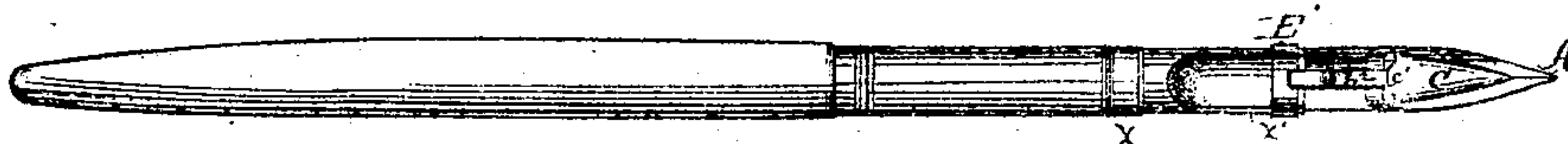
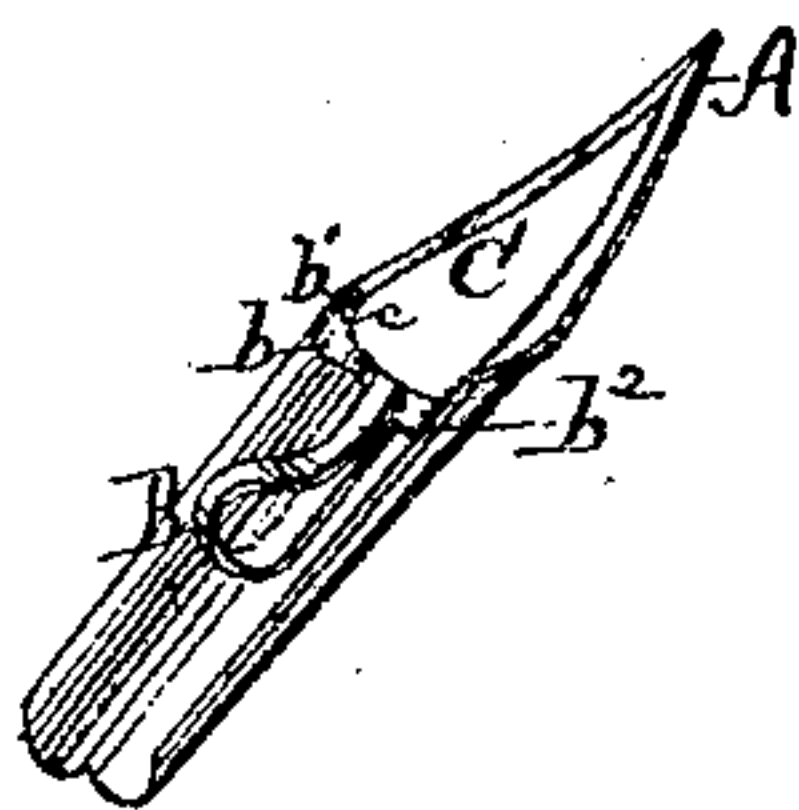


Fig. 5.



Fig. 3.



*Witnesses
S. J. Rogers,
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E. Palmer Tiffany, Inventor

by H. W. Beadle,

his Attorney.

United States Patent Office.

E. PALMER TIFFANY, OF HARTFORD, CONNECTICUT.

Letters Patent No. 100,340, dated March 1, 1870.

IMPROVEMENT IN PENS

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, E. PALMER TIFFANY, of Hartford, in the county of Hartford, and State of Connecticut, have invented a new and useful Improvement in Writing-Pens; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings and to the letters of reference marked thereon.

This invention relates to that class of fountain pens which are provided with a receptacle for holding the ink beneath the pen itself instead of in the holder; and consists in the combination of a spring flap of peculiar construction with the hinged flap forming the fountain, the base of the spring being so constructed as to form the bearings for the pivots of the fountain, thus enabling these parts to be made entirely independent from the pen, to which latter they are attached by means of a single rivet through the back, or by means of a band, as will be fully described hereinafter.

In the drawings—

Figures 1, 2, and 3 represent different views of my improved pen with the fountain attached directly to it, and

Figures 4 and 5, views with the fountain attached to the holder.

To enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe fully its construction and method of operation.

A represents a pen, which may be of any proper form.

B represents a strip of suitable metal, which is cut in such shape as to form the end *b* with ears *b*¹ *b*¹ and spring *b*², as shown in fig.

The end *b* is curved to fit the inside of the pen, and the spring *b*² is bent into such form as will enable it to properly perform its work.

C represents a flap, slightly concave upon its lower surface, which is provided upon each side at its rear end with the pins *c c*, which are inserted into corresponding orifices in the ears *b*¹ *b*¹, when the flap is in place. It is also provided with a slight downwardly-curving projection, *c'*, against which the free end of the spring rests, as shown.

The strip B is secured to the pen in any proper manner. I preferably attach it to the pen near its center by means of a rivet.

For the purpose of making these parts, however, detachable from the pen, I employ a band, E, and strip *e*, which latter is riveted to the strip B, as shown.

The band E may either be circular for the purpose of surrounding the round part of the holder, as at *x*, or semicircular for the purpose of fitting its lower part *x'*, or it may, if desired, be attached directly to the pen itself, as shown in fig. 3.

Some of the advantages of my improved pen may be stated as follows:

The fountain may be fixedly attached to the pen itself, and become a part of it, or it may be removably attached to it or to the holder.

When the fountain is attached to the pen, the latter may be used without it, if desired. This result is accomplished by simply turning the flap back from the point, in which position it will be securely held by the spring until designedly replaced.

By means of the hinged flap also, the part of the pen which holds the ink is made easily accessible for the purpose of cleaning it.

The spring serves to hold the flap always in position, and thus securely guards against the accidental dropping of the ink, and also effectually prevents the pen from rattling.

By constructing the fountain apart from the pen, the latter is not liable to injury in adjusting the parts, as is often the case in some forms now in use.

I do not limit myself to the precise form shown.

I do not claim broadly the combination of the hinged flap and spring, for this feature I know is old; but

Having thus fully described my invention,

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

The metallic strip B, when formed in such manner as to furnish bearings for the pivots of flap C, and also to furnish the spring *b*², when combined with the flap C and pen A, in the manner and for the purpose described.

This specification signed and witnessed this 21st day of December, 1869.

E. PALMER TIFFANY.

Witnesses:

S. J. NOYES,

F. H. PIERSON.