

No. 663,782.

Patented Dec. 11, 1900.

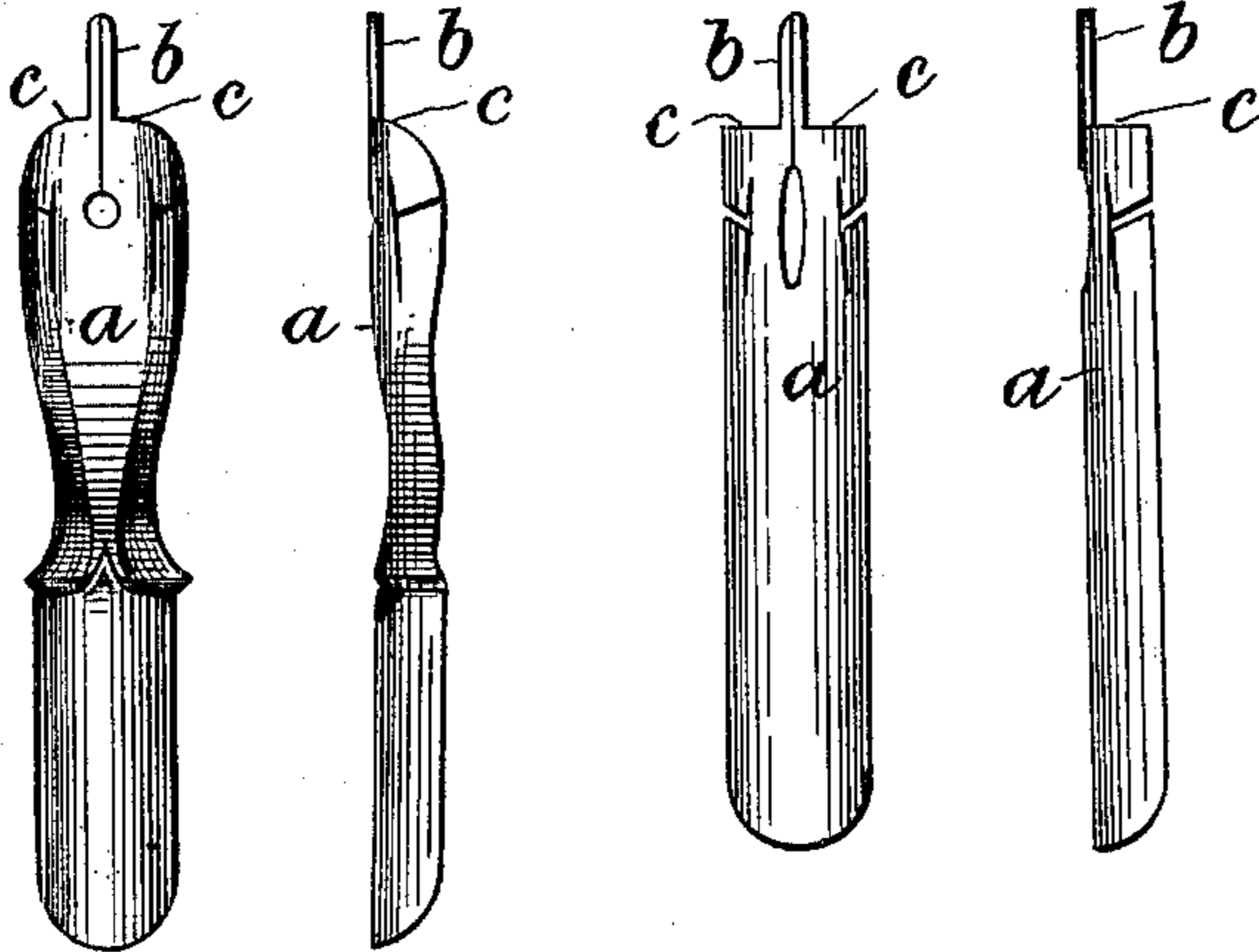
J. L. PETIT.

METALLIC PEN.

(Application filed Sept. 10, 1900.)

(No Model.)

*Fig. 1.* *Fig. 2.* *Fig. 4.* *Fig. 5.*



*Fig. 3.*  
a b

*Fig. 6.*  
a b

Witnesses;—

*George Shaw*  
*Richard Bennett*

Inventor;—

*Joseph Létire Petit*

# UNITED STATES PATENT OFFICE.

JOSEPH LETIERE PETIT, OF BIRMINGHAM, ENGLAND.

## METALLIC PEN.

SPECIFICATION forming part of Letters Patent No. 663,782, dated December 11, 1900.

Application filed September 10, 1900. Serial No. 29,575. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH LETIERE PETIT, a subject of the Queen of Great Britain, residing at Nos. 401 to 410 New John street, West Birmingham, England, have invented certain new and useful Improvements in Metallic Pens, of which the following is a specification.

The object of my invention is principally the production of an antiblotting pen—that is, a pen so constructed that the ink held in the body has little or no tendency to drop from the said body in writing or in lifting the pen from the ink-pot to the paper, while the ink is permitted to flow freely to the writing-point of the pen. Pens constructed according to my invention have the further quality hereinafter pointed out.

Instead of making the sides of the body of the pen taper to a point, as usual, I make the writing-point of the pen of a narrow stem projecting from the middle of the trough-shaped main body or reservoir of the pen, which body or reservoir may be of any of the ordinary kinds now in use or of other kinds. The said narrow stem is slit and constitutes the point of the pen, the said slit narrow stem joining the trough-body of the pen by shoulders which form the bottom of the said trough-body.

I prefer to make the narrow stem-like point of the pen about three-sixteenths of an inch in length; but I do not limit myself to any particular length of the said stem-like point.

The body of the improved pen constitutes the reservoir for the ink, which in writing is delivered as required to the narrow stem-like point of the pen without danger of the dropping of the ink and the consequent blotting of the paper.

The narrow stem-like point projecting from the middle of the body or ink-reservoir of the pen gives to the pen an elasticity more or less resembling that of the goose-quill.

Figure 1 of the accompanying drawings represents in front elevation, Fig. 2 in side elevation, and Fig. 3 in end elevation, a slip-pen made according to my invention. Figs. 4, 5, and 6 represent another pen having the body and shoulders of a different shape from those of the pen Figs. 1, 2, and 3.

The same letters of reference indicate the

same parts in the several figures of the drawings.

*a* is the trough-shaped body of the slip-pen, which body may have any of the ordinary shapes, and *b* is the slit narrow stem-like point, constituting the writing part of the pen, the slit of the stem-like point *b* terminating, preferably, in a piercing at the front of the trough-body of the pen, as shown. The extreme or writing end of the stem-like point of the pen may have any of the forms given to the points of ordinary pens. In Figs. 1 and 2 I have represented the writing end of the stem-like point *b* rounded and in Figs. 4 and 5 made oblique.

It will be seen that the slit stem or stem-like point *b* projects from the middle of the trough-body *a* of the pen and joins the said trough-body by the shoulders *c c*, which form the bottom of the said body, the said shoulders being either curved or rounded, as seen in Figs. 1 and 2, or straight, as seen in Figs. 4 and 5.

In this construction of pen the body *a* acts as a reservoir for the ink, which in writing is delivered as required down the slit stem-like point *b* to the writing end thereof, the capillary attraction of the body of the pen preventing the ink from running down the said stem-like point *b* until the point is opened by pressure in the act of writing. Hence the liability of blotting or dropping the ink in writing or in taking the ink from the ink-pot to the paper is reduced to a minimum. The narrow stem-like point *b*, as before stated, gives to the pen an elasticity more or less resembling that of the goose-quill.

The narrow stem-like point *b* and shoulders *c c* of the pen may be applied to barrel-pens as well as to slip-pens.

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

As a new article of manufacture, a pen having a slitted point of uniform width throughout projecting from the body portion thereof.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JOSEPH LETIERE PETIT.

Witnesses:

GEORGE SHAW;

RICHARD SKERRETT.