

(No Model.)

H. L. BRAHAM.
RESERVOIR ATTACHMENT FOR PENS.

No, 539,115.

Patented May 14, 1895.

FIG. 1.

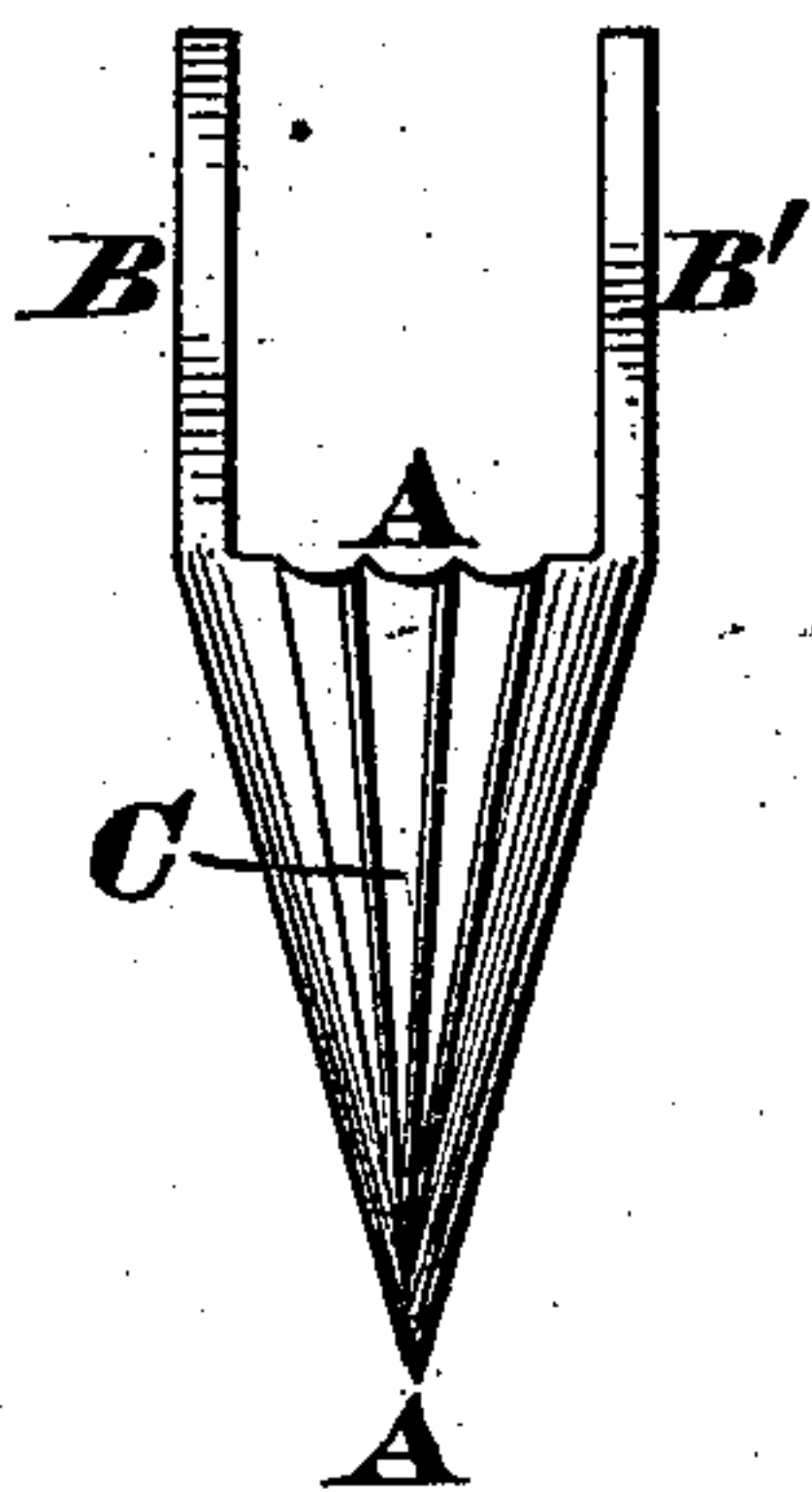


FIG. 2.

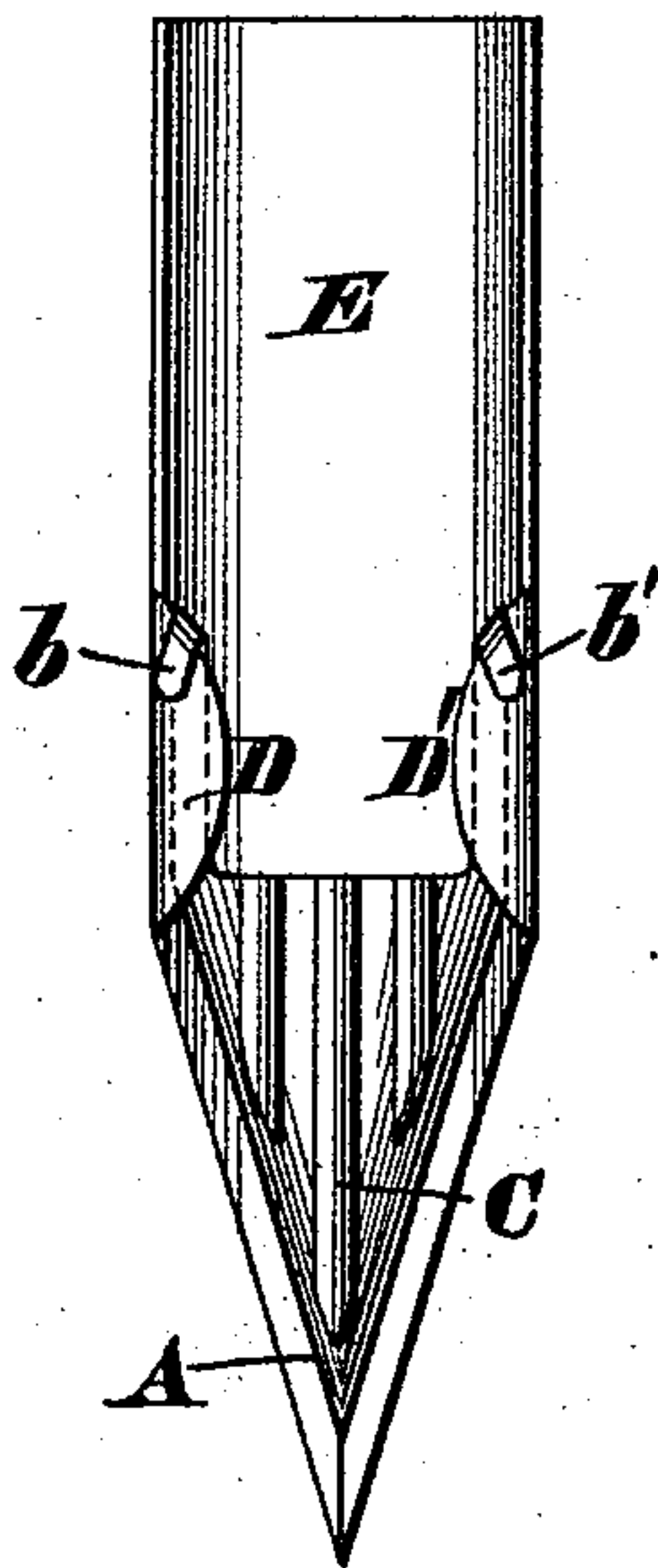


FIG. 3.

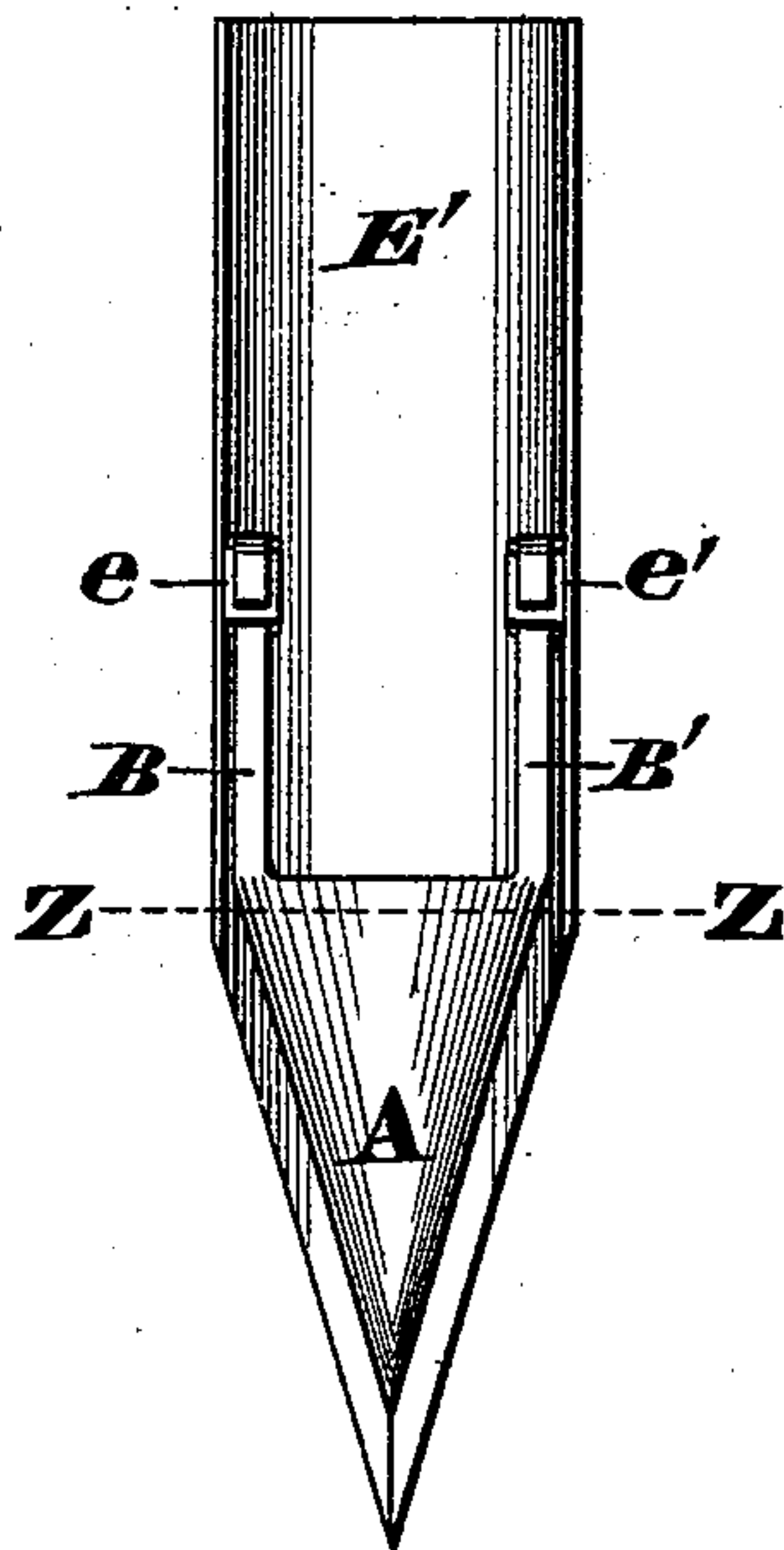
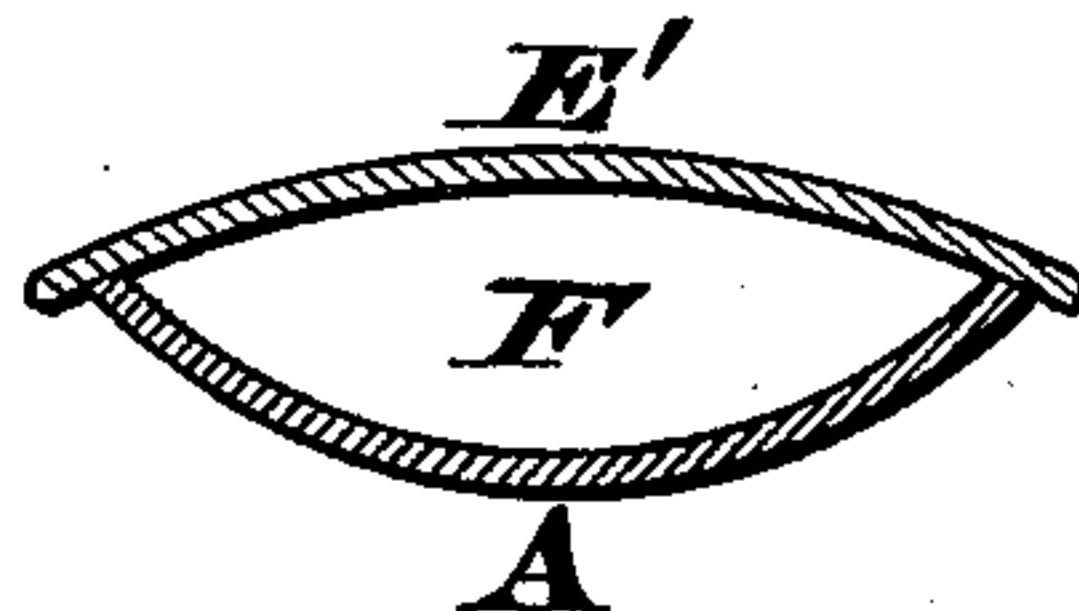


FIG. 4.



Attest.

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RESERVOIR ATTACHMENT FOR PENS.

SPECIFICATION forming part of Letters Patent No. 539,115, dated May 14, 1895.

Application filed March 8, 1895. Serial No. 540,967. (No model.)

To all whom it may concern:

Be it known that I, HARRY L. BRAHAM, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Fountain - Pens; and I do hereby declare the following to be a full, clear, and exact description of the invention, reference being had to the annexed drawings, which form part of this specification.

My invention comprises an attachment capable of being readily applied to certain kinds of writing-pens, for the purpose of keeping them supplied with a moderate quantity of ink. Said attachment consists of a small, metallic plate, having the general shape of a pen-point, and provided at its upper end with a pair of integral tangs that constitute the fasteners. These tangs are adapted to be engaged with wings or loops of an ordinary pen, so as to hold the edges of the plate in close contact with the under or concave side of the writing instrument. Furthermore, this plate bows or bends away from the body of the pen and thereby affords a pocket or reservoir that contains the ink, or other writing fluid, as hereinafter more fully described.

In the annexed drawings, Figure 1 is a front elevation of the preferred form of my attachment. Fig. 2 shows said attachment applied to a pen having bent-over wings on its underside. Fig. 3 shows another form of the attachment applied to a pen having a pair of integral loops. Fig. 4 is an enlarged transverse section of said attachment and pen, taken at the line Z Z.

Referring to Fig. 1, A, represents the plate alluded to, and B, B', are parallel tangs projecting from its upper end. This plate is made of aluminum, or other metal, is about the size and shape of an ordinary pen point, and usually has one or more longitudinal or converging grooves C that assist in feeding the ink. Said attachment is capable of being applied only to certain forms of pens, but is the most conveniently fastened to those writing instruments having a pair of bent-over wings, as represented at D, D', in Fig. 2. Reference to this illustration shows that the tangs B, B', are first inserted under the wings D, D', and the plate A is shoved up

until it occupies a proper position with reference to the point or nib of the pen E, and then said tangs are bent down at b, b', so as to grasp the upper ends of said wings very securely. Consequently, the plate is now fitted quite snugly to the under or concave side of the pen, and as the former device bows or bends away from the latter, a pocket or reservoir F, is afforded, as seen in Fig. 4. Now, as this pocket occupies all the space between the pen point and the top of plate A, it is evident sufficient ink can be contained therein to write several pages, without re-dipping. Again, as said plate is preferably made of a non-corrosive material it can be used for a great length of time, and is readily detached from a worn-out pen by simply slipping it out at the upper end of the latter, after which act, the plate can be applied to another pen in a few moments, by slipping it down within the same.

In the modification of my invention, seen in Figs. 3 and 4, the plate A is smooth or uncorrugated, and its tangs B, B' are engaged with integral loops e, e', of the pen E'.

From the above description it is evident my double-tanged fountain-plate is capable of being engaged with pens in various ways, but the attachments herein shown are preferred, for obvious reasons.

I claim as my invention—

1. As a new article of manufacture, the concavo, convex fountain-plate A, shaped substantially like a pen-point, and having a pair of integral, longitudinal tangs B, B', projecting from its upper end, for the purpose described.

2. The writing-pen E, having wings D, D', bent over, on its under side, in combination with the concavo, convex fountain-plate A, having a pair of integral, longitudinal-tangs B, B', projecting from its upper end, and engaged over the tops of said wings, all as herein described, and for the purpose stated.

In testimony whereof I affix my signature in presence of two witnesses.

HARRY L. BRAHAM.

Witnesses:

JAMES H. LAYMAN,
ARTHUR MOORE.