

H. H. PERKINS.
FOUNTAIN-PEN.

No. 178,667.

Patented June 13, 1876.

Fig. 1.

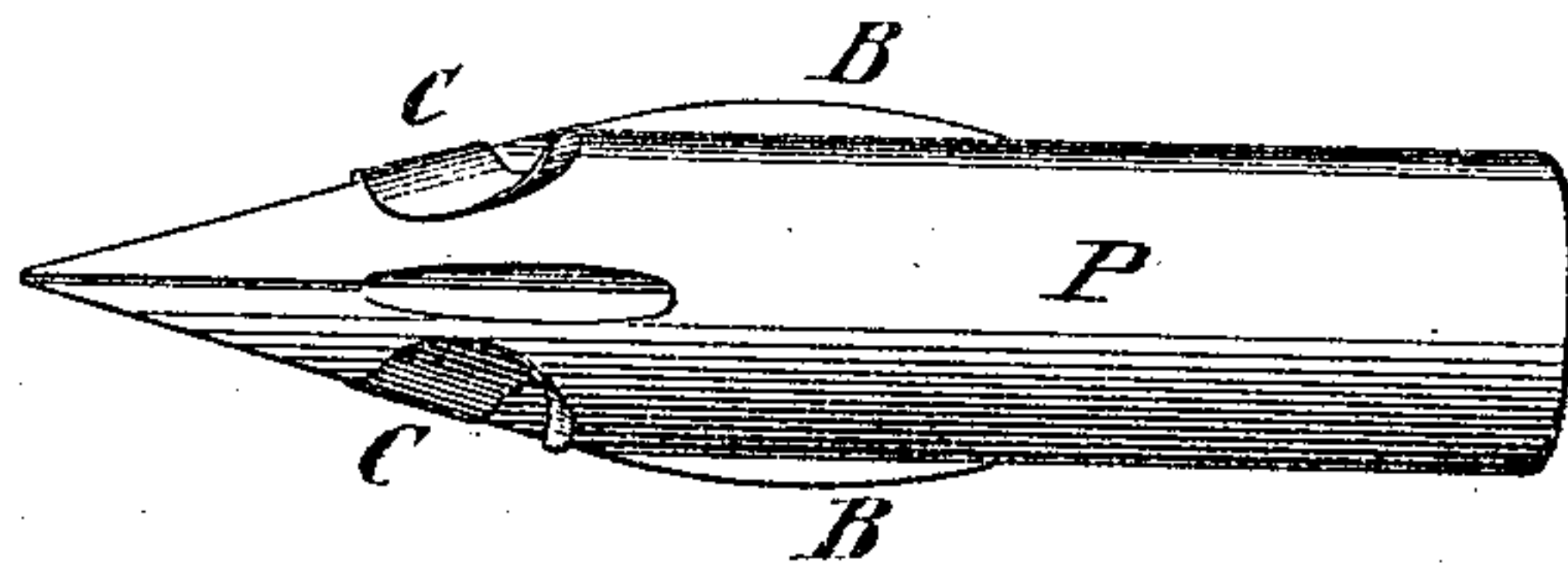


Fig. 2.

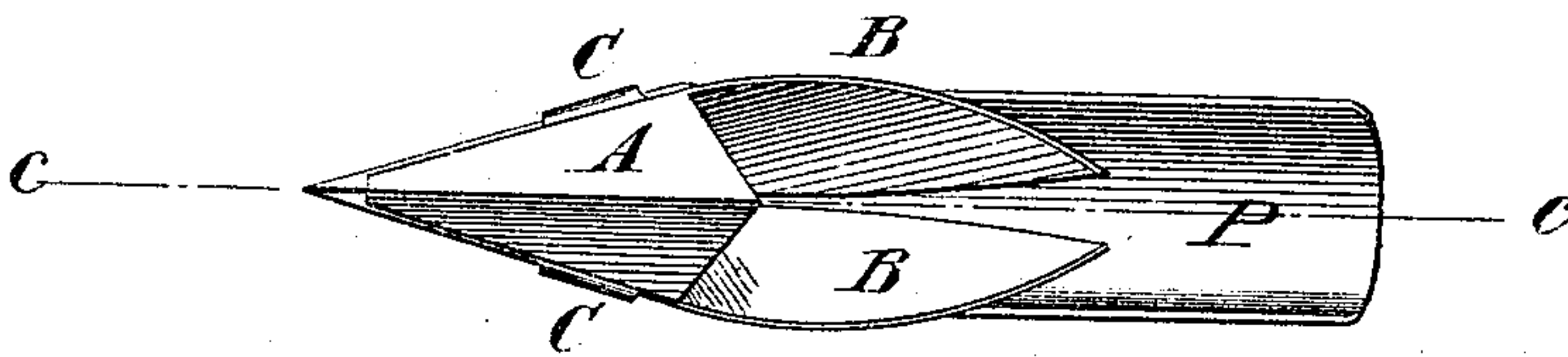


Fig. 3.

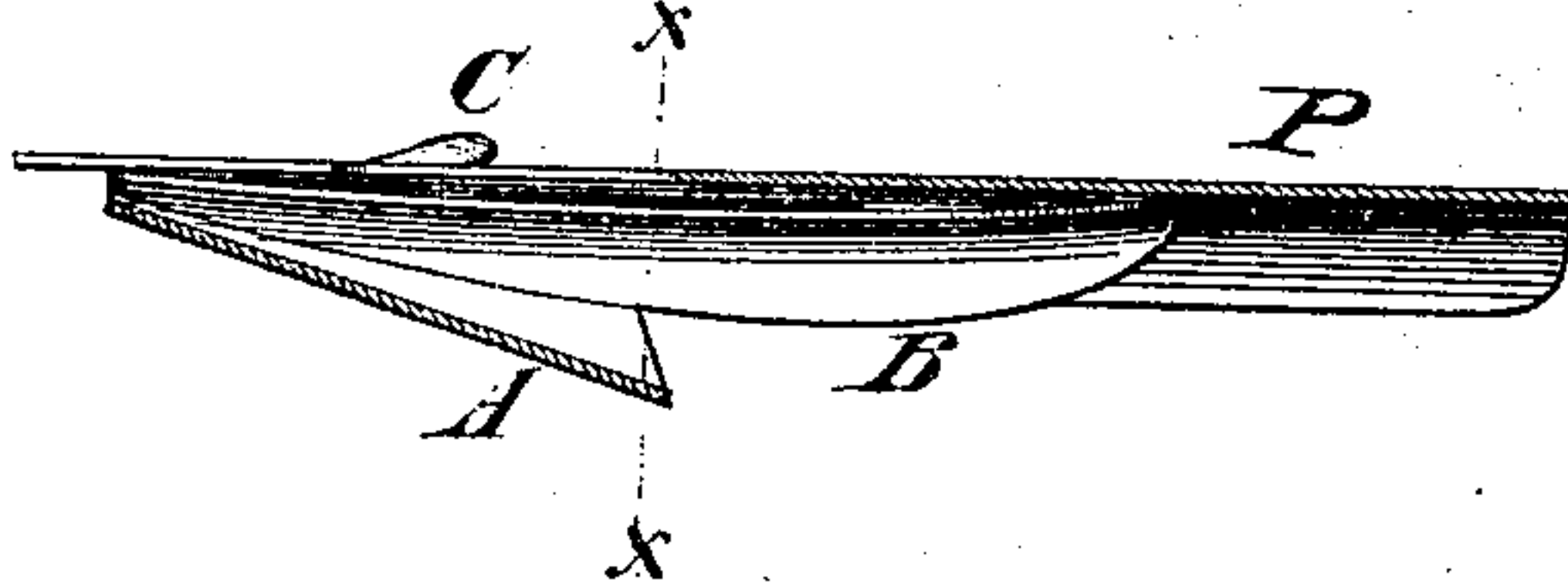
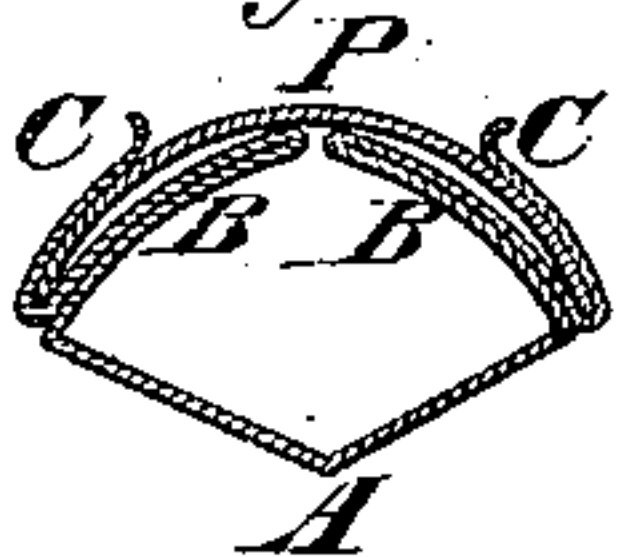


Fig. 4.



WITNESSES:

John Goethals
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INVENTOR:

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

HENRY H. PERKINS, OF UTICA, NEW YORK.

IMPROVEMENT IN FOUNTAIN-PENS.

Specification forming part of Letters Patent No. **178,667**, dated June 13, 1876; application filed May 1, 1876.

To all whom it may concern:

Be it known that I, HENRY HOBART PERKINS, of Utica, in the county of Oneida and State of New York, have invented an Improvement in Fountain-Pens, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a top view; Fig. 2, a bottom view, and Figs. 3 and 4 are vertical longitudinal and vertical transverse sections, respectively, on line *c c*, Fig. 2, and *x x*, Fig. 3, of a pen with my improved fountain attachment.

Similar letters of reference indicate corresponding parts.

The object of my invention is to provide an improved fountain attachment for pens of all kinds, to be attached and detached as desired, and supplying a large quantity of ink, without interfering with the elasticity of the pen.

The invention consists of a fountain attachment, bent of one piece of sheet metal, and attached by elongated wings and spring-clasps to the pen, the ink-reservoir being at the under side of the elongated wings.

In the drawing, A represents a steel pen, of any size or shape, to which is attached the removable fountain attachment A B, by bent up spring clasps or holders C. The clasps C are bent up from elongated plates or wings B, that are separated by a central longitudinal slit, and fitted to the concave under side of the pen, so as to attach itself to the surface, edges, or sides of the pen employed, and be held firmly by the base wings and spring-clasps in the desired position, without interfering, by the easy giving of the wings and clasps, with the elasticity of the pen-points in writing. A reservoir or fountain, A, of round, angular, or oval cross-section, and tapering toward the issuing opening near the pen-point, is arranged below the wing-plates B, and bent in one piece with the same, of suitable sheet metal, preferably silver or silver-plated, to resist more effectually corrosion, and last for a

longer time. The entire attachment is made of one piece of metal, the wings being bent from the fountain part toward the center slit and then doubled back, to bring the spring-clasps to the outside of the pen, to be readily slipped on the same.

The main advantage of the fountain attachment is that it may be readily applied to the ordinary business-pen by adjusting the spring-clasps to the same. A special fountain-pen is, therefore, not required, as the pen in every-day use may be transformed into a fountain-pen, and as the attachment may be, at any moment, transferred to a new pen when the old one is worn out. The pen, with the attachment, has all the advantages of the fountain-pen, while being more economical and convenient in every respect, as it may be more easily cleaned, is more durable, and improves the appearance of the common writing-pen.

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

1. A fountain attachment to pens, bent of one piece of sheet metal, and made with an ink fountain or reservoir, elongated base wings applied to the under side, and spring-clasps applied to the upper side, of the pen, substantially as specified.

2. The elongated base wings, being bent above the fountain part, to form a longitudinal dividing-slit, that admits the ready adjustment to the under side of the pen, substantially as specified.

3. A fountain attachment to pens, having centrally-divided and doubled-up base wings, with outer spring-clasp extensions, to be attached to the pen without interfering with the elasticity of the same, substantially as specified.

HENRY HOBART PERKINS.

Witnesses:

DAVID PERKINS,

D. WALTER PERKINS.