(No Model.)

H. J. HOPE & F. DOBSON.

PEN RESERVOIR.

No. 577,137. Patented Feb. 16, 1897.

Fig. 1.

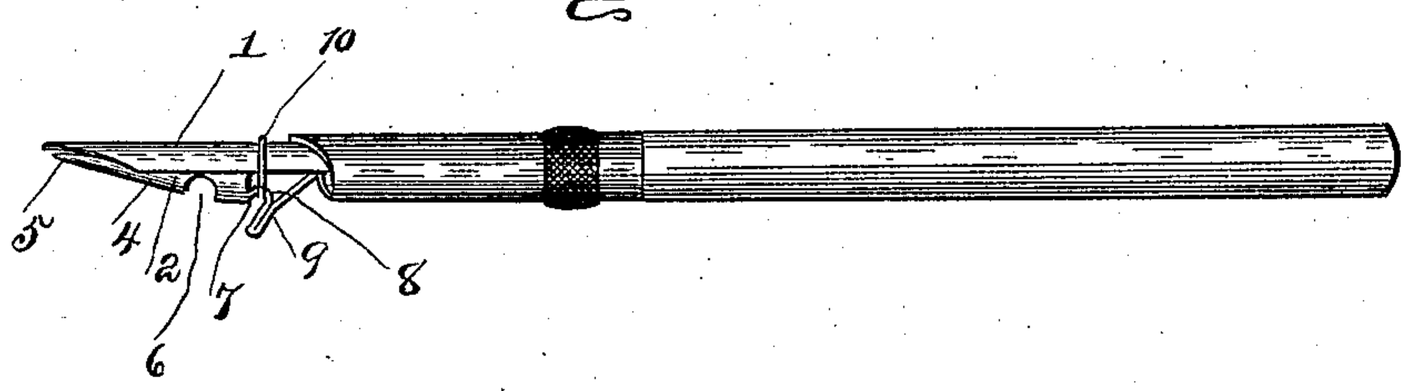


Fig. 2.

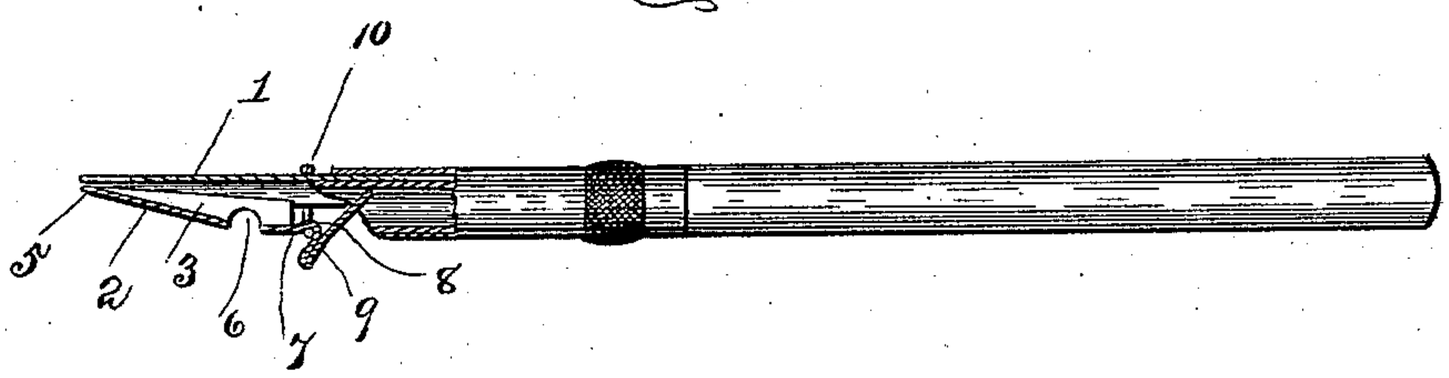


Fig. 3.

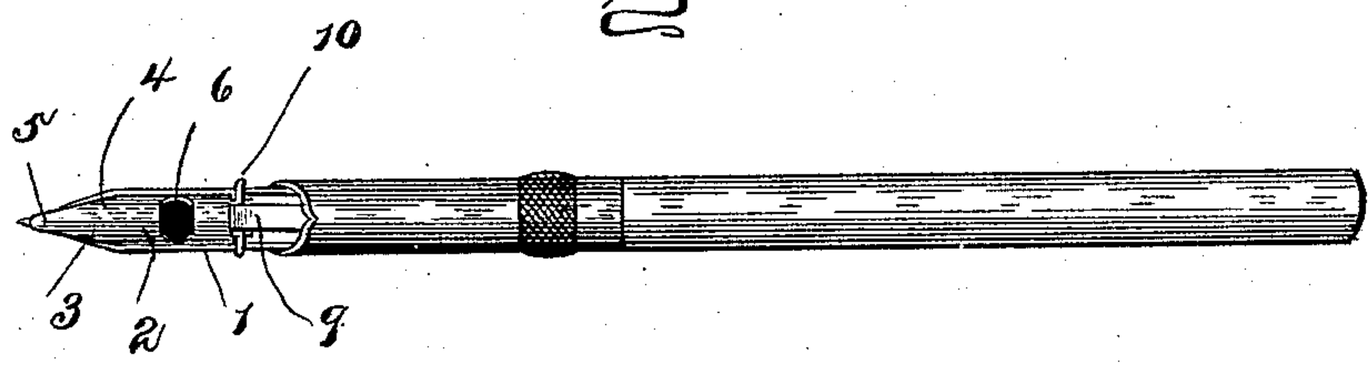
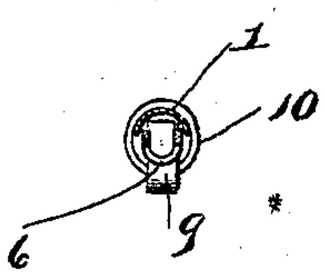


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

HERBERT JAMES HOPE AND FREDERICK DOBSON, OF SANFORD, MAINE.

PEN-RESERVOIR.

SPECIFICATION forming part of Letters Patent No. 577,137, dated February 16, 1897.

Application filed July 23, 1896. Serial No. 600,254. (No model.)

To all whom it may concern:

Be it known that we, HERBERT JAMES HOPE and FREDERICK DOBSON, citizens of the United States, residing at Sanford, in the county of York and State of Maine, have invented certain new and useful Improvements in Pen-Reservoirs; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Our invention relates to pen attachments, and more particularly to an improved reservoir for pens.

Our object is to provide a simple and cheap reservoir which can be quickly and easily applied to any pen and will be adapted to hold a large quantity of ink and to properly feed the same to the pen, so that the necessity of frequently dipping the pen in the ink-well is satisfactorily obviated.

A further object is to provide a novel ink-reservoir for pens which can be applied to the pen readily and will be capable of quick and easy manipulation to effect the removal of the ink from the reservoir after the writing operation has been terminated, so that the pen will be prevented from corroding and kept clean at all times.

Having these objects in view, our invention consists of a detachable ink-reservoir for pens comprising certain improved features appearing more fully hereinafter.

In the accompanying drawings, Figure 1 is a side view showing a pen equipped with our improved ink-reservoir; Fig. 2, a longitudinal sectional view; Fig. 3, a bottom plan view, and Fig. 4 a cross-sectional view.

The numeral 1 designates an ordinary pen.

Our improved ink-reservoir is constructed of a single piece of metal having a body 2, which is provided with walls 3 and 4, which converge toward the tip 5 of the reservoir, which lies immediately under the points of the pen. The bottom or back of the body inclines upwardly toward the tip and points of the pen, and when viewed in cross-section the body is of substantially U shape. Near its rear end the body is provided with a somewhat elongated notch or opening 6, through which the ink flows into the body when the pen is dipped in the ink-well. The rear portion of the body is bent in toward the pen, as at 7, and is then rebent outwardly, as at 8, and finally terminates in an inclined spring-tongue 9, whose free end abuts against the pen.

The numeral 10 designates a small elastic band which lies in the bent portion 7 and passes around the pen. This band serves to keep the reservoir in position. A small band-spring could be employed in place of this elastic band, if desirable.

The operation is as follows: When the pen is dipped into the ink-well, the ink flows in through the opening in the body of the reservoir and fills said body and feeds regularly out therefrom between the tip and the pen. The tip of the reservoir is held close against the end of the pen by the spring-tongue. If the reservoir is filled and the writing has been finished, the ink may be removed by pressing against the rebent portion 8, whereupon the ink will pass out.

Our improved ink-reservoir can be quickly and easily applied to any style of pen and when once in position will be held secure, while it is adapted to hold a large quantity of ink and to properly feed the same to the pen, and the ink can be removed whenever desirable, so that the pen will be prevented from corroding or becoming injured in any way.

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

The combination with an ink-reservoir for pens, comprising a body which fits in the pen and is provided with an inlet-opening, an inwardly-bent portion, and a spring-tongue which abuts on the pen, of an elastic band lying in the bent portion of the body and passing around the pen whereby the reservoir is held in position.

In testimony whereof we have signed this specification in the presence of two subscribing witnesses.

HERBERT JAMES HOPE.
FREDERICK DOBSON.

Witnesses:
FRANCIS L. SENIOR,
WILLIAM KERNON.