(No Model.)

# J. S. BARD.

## PEN.

No. 576,800. Patented Feb. 9, 1897.

*Fig. 1.*

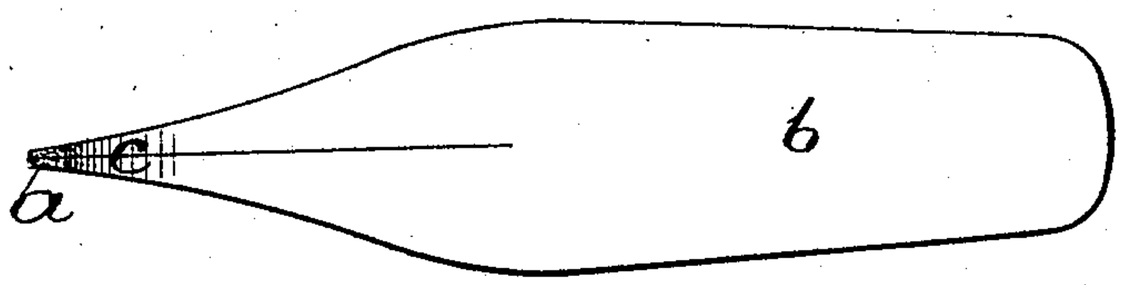
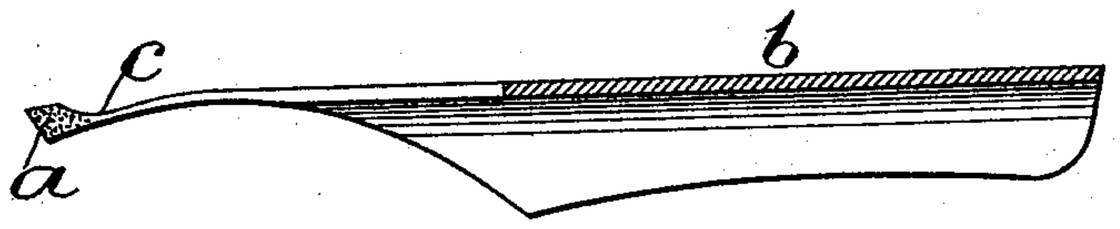



*Fig. 2.*




*Witnesses:—*
*George Barry Jr.*
*M. E. Fletcher*

*Inventor:—*
*J. Sprague Bard*
*by attorneys*
*Brown & Seward*

# UNITED STATES PATENT OFFICE.

JONATHAN SPRAGUE BARD, OF NEW YORK, N. Y.

## PEN.

SPECIFICATION forming part of Letters Patent No. 576,800, dated February 9, 1897.

Application filed December 11, 1896. Serial No. 615,259. (No model.)

*To all whom it may concern:*

Be it known that I, JONATHAN SPRAGUE BARD, of the city and county of New York, in the State of New York, have invented a new and useful Improvement in Pens, of which the following is a specification.

The object of this invention is to provide a pen the nibs of which have a long bearing-surface of such a character that they cannot catch in the paper and spatter ink in writing and yet have sufficient flexibility and elasticity.

A further object is to provide, in addition to the above-mentioned qualities, for the retention and reserve of ink above the nibs, which will obviate the necessity of the inconveniently frequent dipping of the pen in the ink.

This invention is especially adapted to gold pens with iridium points, though not limited to such pens, as it might be applied to an ordinary metallic pen.

In the accompanying drawings, Figure 1 is a back view of a pen embodying my invention. Fig. 2 represents a central longitudinal section of the same.

Similar letters of reference designate corresponding parts in both the figures.

The general contour of the pen may be such as is commonly adopted for writing-pens, but the point of the nibs is made several times thicker than that of the body of the pen and with a long smooth backward slope toward the under side, as indicated at *a* in Fig. 2, the said slope forming the writing-surface of the pen. In order to prevent this extreme thickness of the nibs at the point from so impairing the flexibility and elasticity of the pen as to interfere with easy and rapid writing, I reduce the thickness of the nibs at a short distance behind the point to less than the thickness of the rear portions of the nibs and of the body of the pen by forming a cavity *c* back of the nibs, as shown in Fig. 2. The reduction in thickness thus produced gives the necessary flexibility and elasticity, while it leaves the nibs with such a long writing-surface as to give a good bearing to the pen on the paper and obviate all liability of the pen to catch in or to be obstructed by any inequalities in the paper on which the pen is used, and, moreover, the said cavity forms in the back of the pen a small reservoir for ink by which the pen is made to take up and retain a large quantity of ink at every dipping.

What I claim as my invention is—

A writing-pen having its nibs thickened at their extremities and terminating in a backward slope on the under side and having the nibs reduced to a thickness less than that of the body of the pen by a cavity formed in the back or upper side of the nibs in rear of the thickened portion of the latter, substantially as herein described.

J. SPRAGUE BARD.

Witnesses:
FREDK. HAYNES,
EDWARD VIESER.