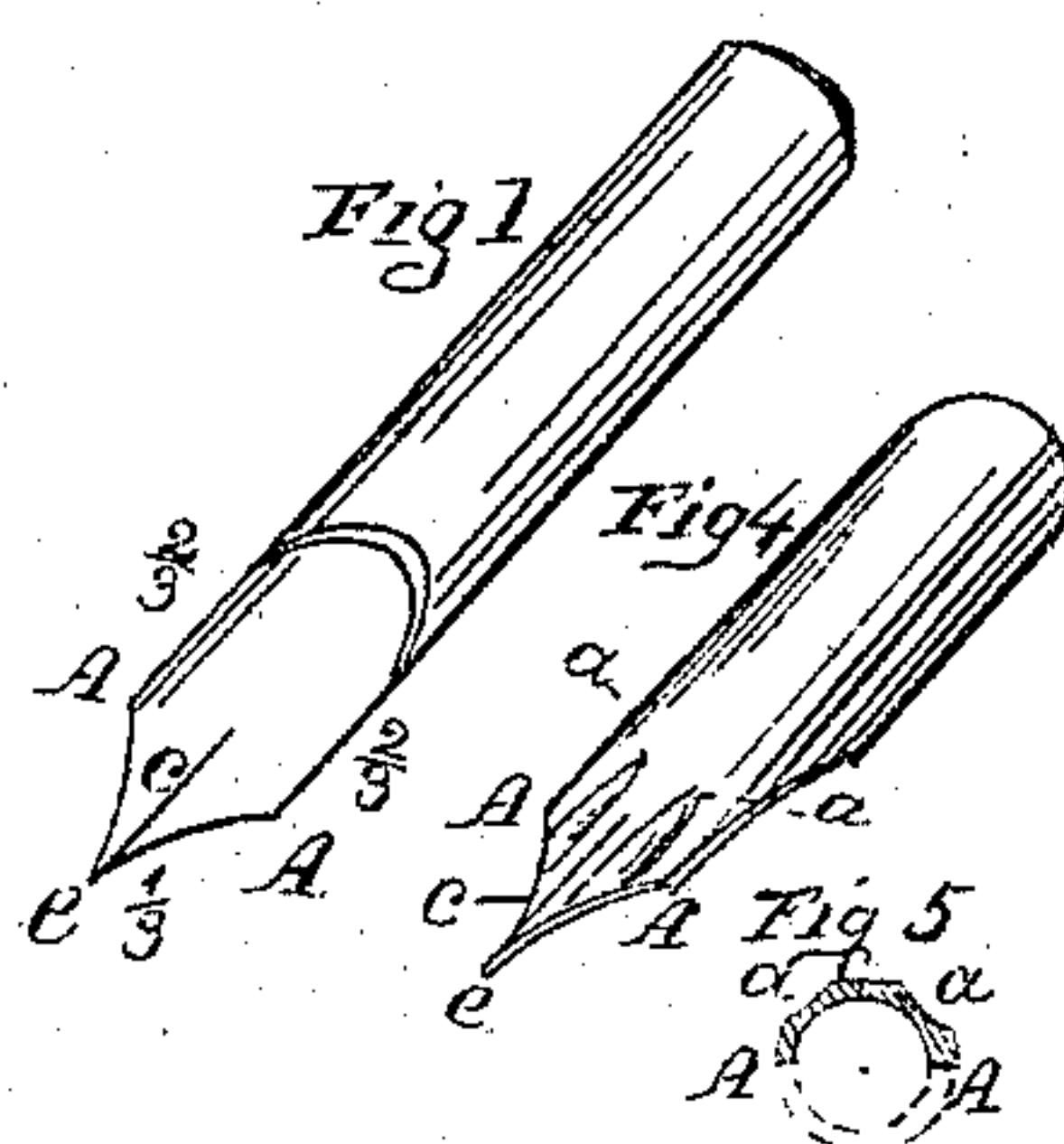
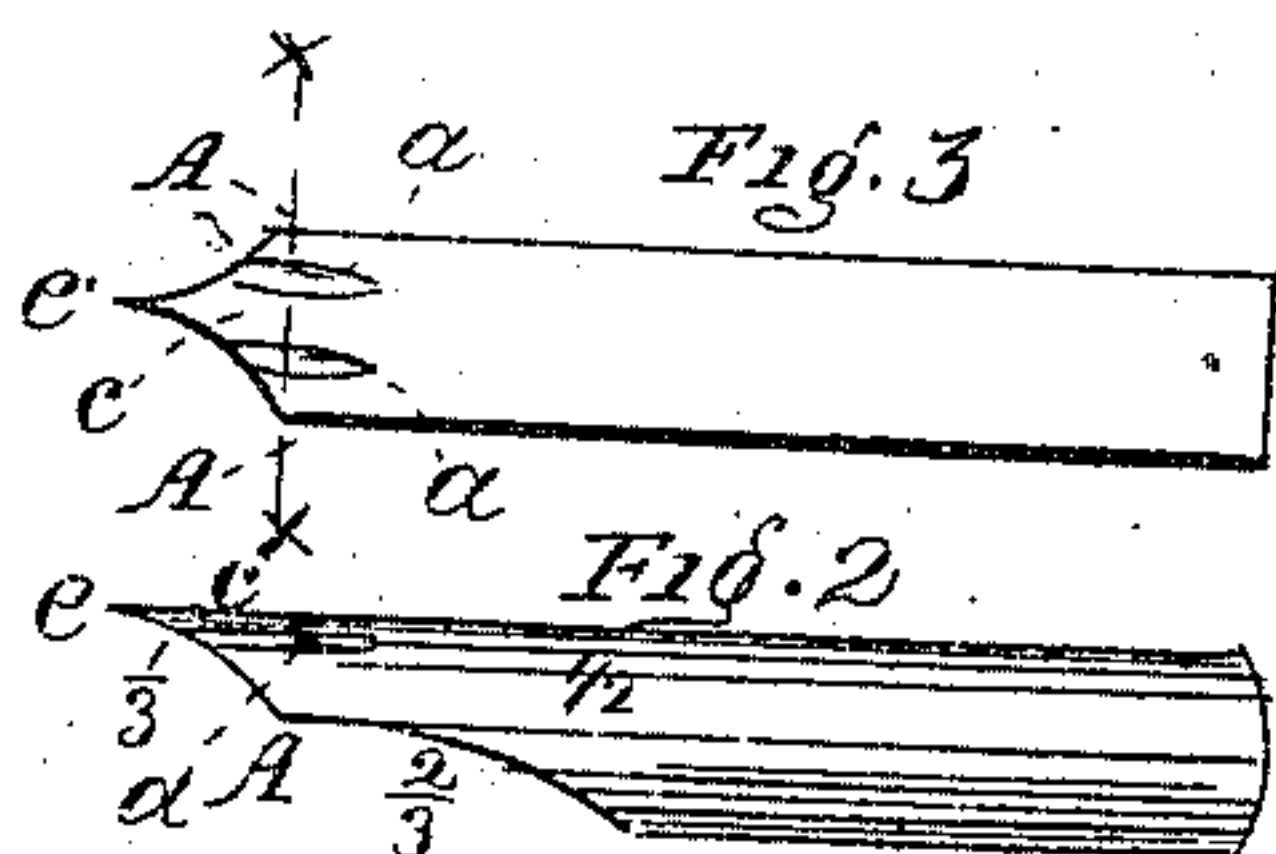


A. W. Raph,
Per.

No. 8641.

Patented Jan 6. 1852.



UNITED STATES PATENT OFFICE.

ADAM WM. RAPP, OF PHILADELPHIA, PENNSYLVANIA.

GOLD PEN.

Specification forming part of Letters Patent No. 8,641, dated January 6, 1852; Reissued July 22, 1856, No. 380.

To all whom it may concern:

Be it known that I, ADAM WM. RAPP, of the city and county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Making or Manufacturing Pens of Gold; and I do hereby declare the following to be a full and clear description thereof, reference being had to the annexed drawings, making part of this specification.

Figure 1 represents a perspective view of the pen without the staff or holder, exhibiting the interior of the pen. Fig. 2 is a side view of ditto. Fig. 3 is a back view of ditto. Fig. 4, is a perspective of the reduced portion of the nib, and part of the body. Fig. 5, is a transverse section on the line X X of Fig. 3.

The same letters of reference indicate the same parts.

I am aware that pens have been made with openings between the shoulder and the split in order to produce an elasticity and ease in their use. But this is defective in many respects,—producing an irregular elasticity; becoming clogged with ink; easy to be broken by undue pressure, and spatters the ink when writing. Pens have also been made with a ridged concave swelling at the back and uniting with the split, but the use of this form of pen is attended with the same disadvantages, and is alike wanting in producing that uniformity of elasticity and durability so long sought after. To remedy these defects and reduce the cost of gold pens experience has suggested to me a more efficient improvement which forms a de-

sideratum. It consists in reducing or thinning the sides of the pen at (a) between the shoulders A and the split (c) and making the split about one half less in length than that of other pens:—the reducing or paring away of the metal commencing a little above the termination of the split (c) and uniting with the curve between the shoulder A and the nib or point (e) and being slightly oval in its form.

The results of this improvement, are economy, a regular and easy elasticity which secures a uniform flow of the ink, and a perfect prevention of spattering—the elasticity being confined to the sides of the split.

By this improvement the gold pen is made to embrace all the qualities of the quill pen, and in this I consider lies a superiority of my improvement over all others:—But the more prominent advantage is in the saving of gold by the reduction of the thickness at a.

Therefore what I claim as my invention and improvement in the gold pen, and desire to secure by Letters Patent, is—

Reducing or thinning the sides of the pen at (a) between the shoulder A, and split (c) whereby the advantages above stated are fully attained, and the gold pen made to possess the qualities of the quill pen.

In testimony whereof I have hereunto set my hand and seal before two subscribing witnesses.

A. WM. RAPP. [L.S.]

Witnesses:

ARTHUR L. MCINTIRE,
SAML. P. BELL.