

C. S. WESTCOTT.

Pen.

No. 130,458.

Patented Aug. 13, 1872.

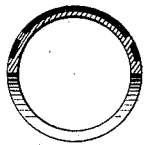
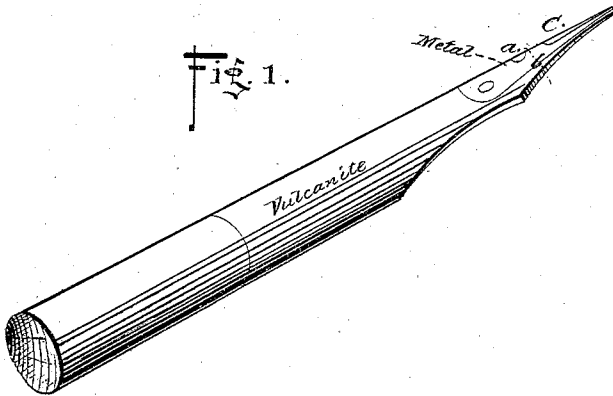


Fig. 2.

Attest;
S. W. Framm

Inventor;
C. S. Westcott

UNITED STATES PATENT OFFICE.

CHARLES S. WESTCOTT, OF ELIZABETH, NEW JERSEY, ASSIGNOR TO EDWARD TODD & CO., OF NEW YORK, N. Y.

IMPROVEMENT IN PENS.

Specification forming part of Letters Patent No. 130,458, dated August 13, 1872.

Specification describing certain Improvements in the Manufacture of India-Rubber Pens, invented by CHARLES S. WESTCOTT, of the city of Elizabeth, county of Union and State of New Jersey.

My invention consists of the inclosure of a piece of gold or other metal having an iridium or other durable point attached to it, of suitable form for the construction of a pen, within the sides of a tube of vulcanizable compound, and the subsequent vulcanization of the same, so that it may be firmly held in the vulcanite, and is equally adapted for a barrel pen or the common form of slip or nib pen. I construct the metal piece in a form similar to that shown in the accompanying drawing, a tear-shaped slot having been formed in the metal, as shown at C, so that the vulcanite may surround each nib of the pen to or near to the point, the object being to secure each nib firmly in its position independent of the adhesion of the vulcanite to the metal, which often fails to be sufficient to retain the nibs in position. I also construct metal thicker about the part indicated by the line *a b* than between that part and the point of the pen, for the following reason: In slitting and finishing the pen a portion of the material of which it is composed is necessarily removed, and to bring the points together it

is necessary to bend them; I therefore construct the metal at the above-indicated part of sufficient thickness to overcome the elasticity of the vulcanite, and the metal between such above-indicated part and the point sufficiently thin or light to allow the elasticity of the vulcanite to act independently of the resistance of the metal, so that the pen, in writing, may act from the vulcanite and not from the metal.

When a pen composed in part of metal and in part of vulcanite has its metal part constructed as above described, no power applied to the point can change the form into which the pen is made by bending it near the part indicated by the line *a b*, thus keeping the pen in proper shape while the point is subjected to the pressure of writing.

I do not claim broadly the construction of a pen of vulcanite with a metallic point; but I claim—

As an article of manufacture, a pen composed of metal and vulcanite, when the same is constructed substantially in the manner and for the purposes set forth.

C. S. WESTCOTT.

Witnesses:

G. E. CHANDLER,
T. W. FARNSWORTH.