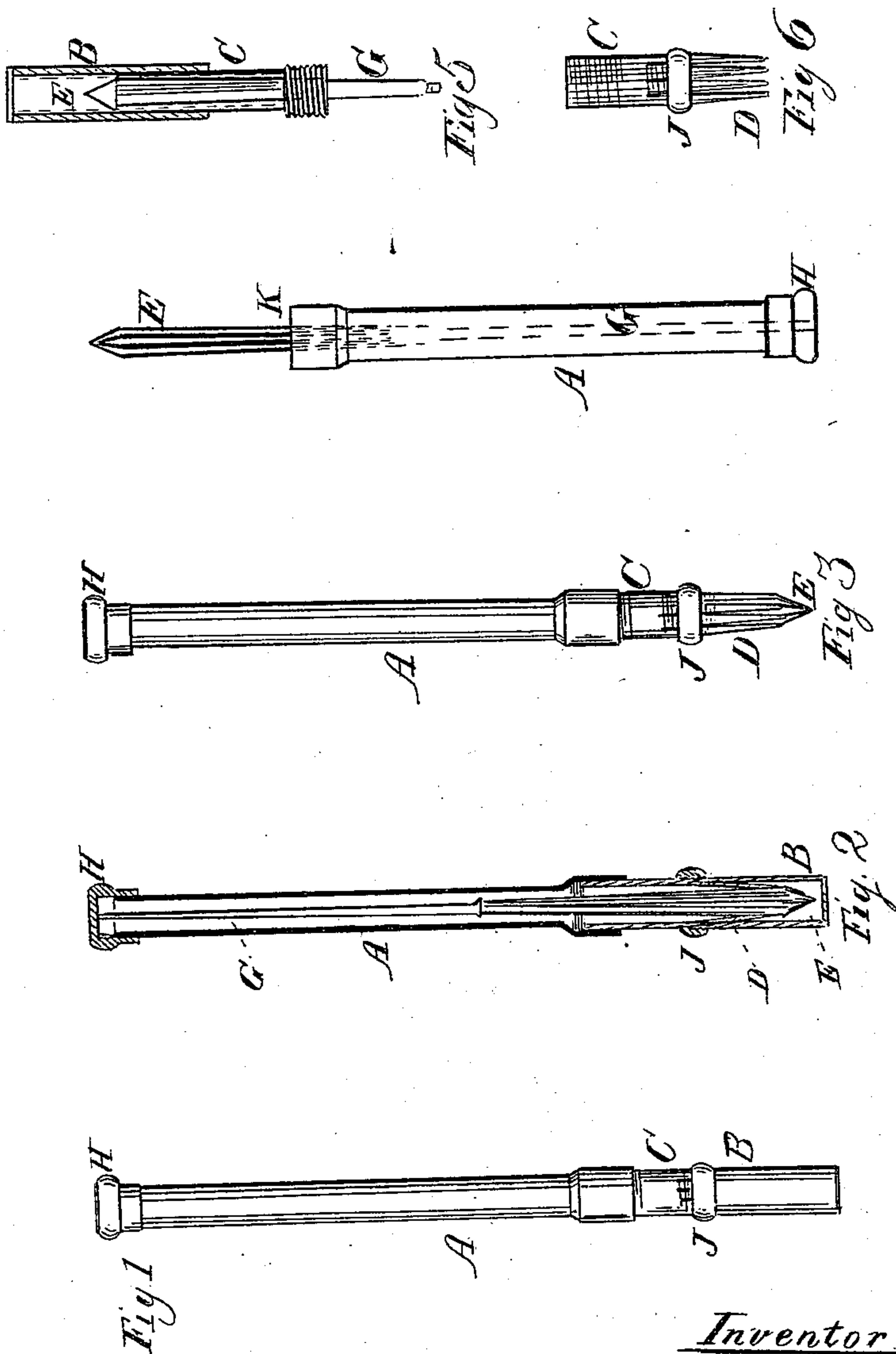


R. H. Chinn.
Fountain Pen.

No 82598.

Patented. Sept. 29. 1868



Inventor.

Richard H. Chinn.

By his Atty.

J. E. Nugent

Witnesses
James Evans
J. W. Harley

UNITED STATES PATENT OFFICE.

RICHARD H. CHINN, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN FOUNTAIN-PENS.

Specification forming part of Letters Patent No. 82,598, dated September 29, 1868.

To all whom it may concern:

Be it known that I, RICHARD H. CHINN, of the city of Washington, District of Columbia, have invented an Improved Fountain-Pen; and I do hereby declare the following to be an exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification, in which—

Figure 1 represents the pen incased. Fig. 2 is a longitudinal section of the same. Fig. 3 shows the construction of the point of the pen. Fig. 4 shows the inner stem and grooved point of the pen. Fig. 5 shows the shorter cylinder and point of the pen with its case. Fig. 6 exhibits the elastic points with the regulating screw collar, to give the point of the pen its required elasticity, and limiting the spring of the points.

The nature of my invention consists in the construction of the grooved point with its outer elastic spring, tapering points, and regulating-collar to give the proper elasticity to the pen, and regulate the flow of the ink to its point, for writing, drawing, or marking purposes, and performing the work (when held in any position) uniformly and continuously until all the ink is used, and answering the purpose of an inkstand and pen combined, to be carried with the utmost safety in a vest-pocket.

A represents the outer case or tube. B is a short tube that screws onto the one end of cylinder C, that contains the elastic points D, and is a covering for the point of the pen E.

The pen E tapers at the point, and has six grooves extending along its sides for the ink to flow in, the upper part being a stem, G, held by the screw-cap H, at the upper end of the case A, where it is perfectly air-tight. The elastic cylinder C has eight tapering elastic points that fit upon the bevel-point of the pen E, and regulate the flow of the ink according to the lateral pressure upon the point E, and corresponding with the opening or space between the pen E and the lower ends of the surrounding elastic points D. The collar J operates as a screw, and by screwing it up or down the points D are adjusted closer to the pen, when required to limit or lessen the flow of the ink to the point, the points D closing up the grooves of the pen E.

The ink is poured into the case A at the point K, and then the cylinder C is screwed into the end of the case A, when the pen is ready for use, and when the pen is not in use the covering-tube B is screwed on and forms a complete portable fountain-pen, perfectly air-tight, and can be carried in a pocket with perfect safety.

What I claim as my invention, and desire to secure by Letters Patent, is—

The construction of the pen E, points D, collar J on cylinder C, when arranged and combined as herein described, and for the purpose set forth.

RICHD. H. CHINN.

Witnesses:

J. FRANKLIN REIGART,
E. D. MAYHEW.