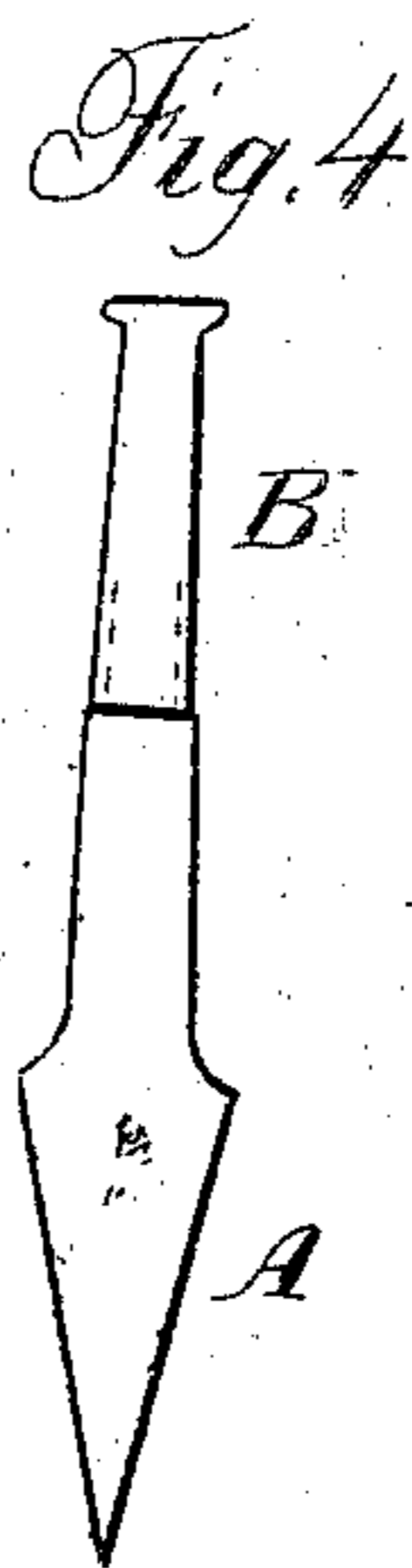
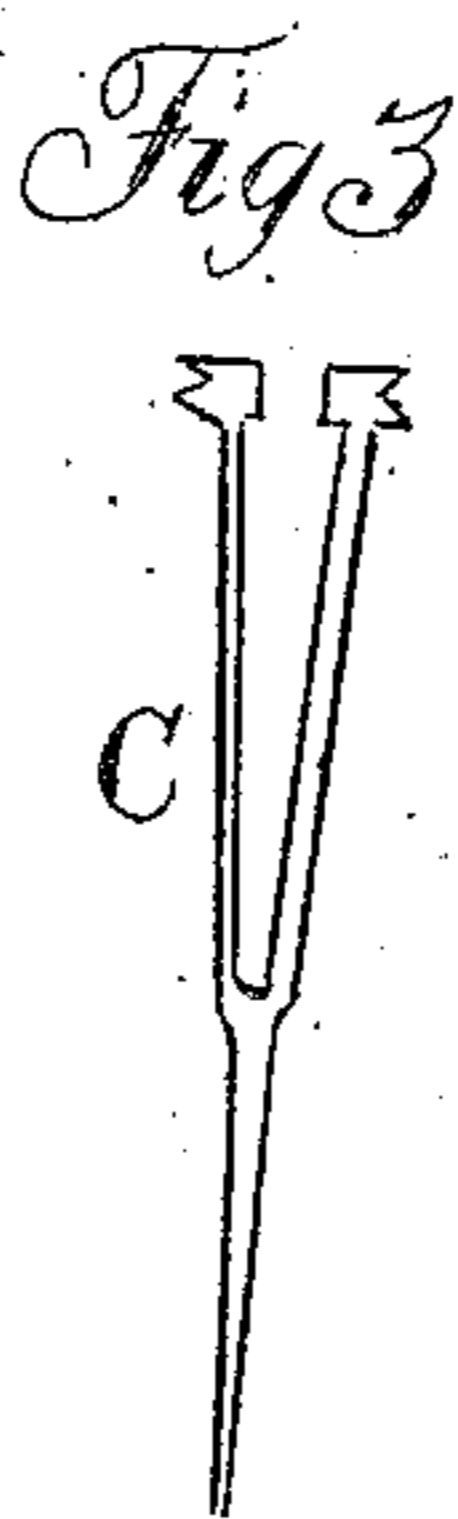
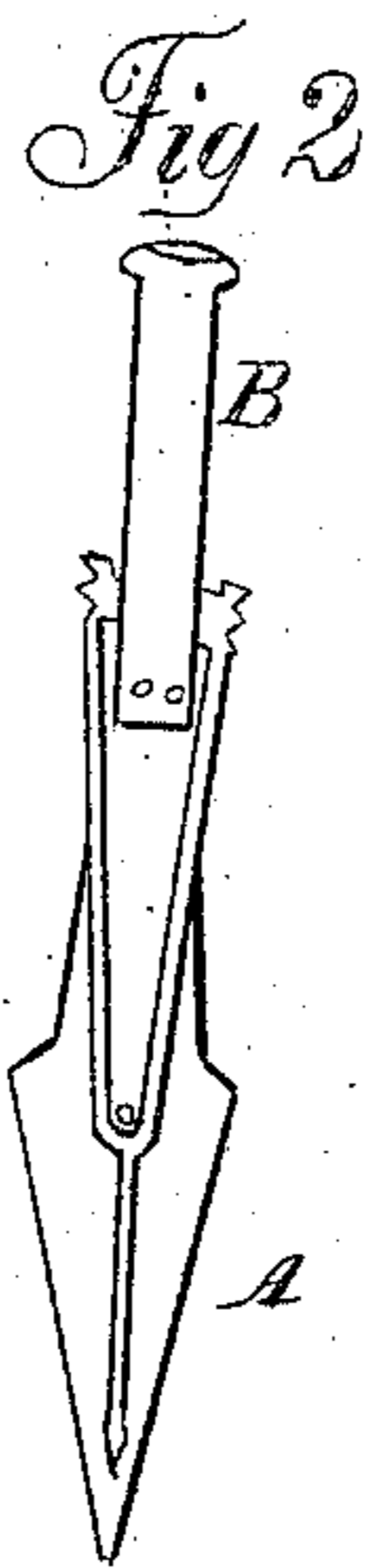
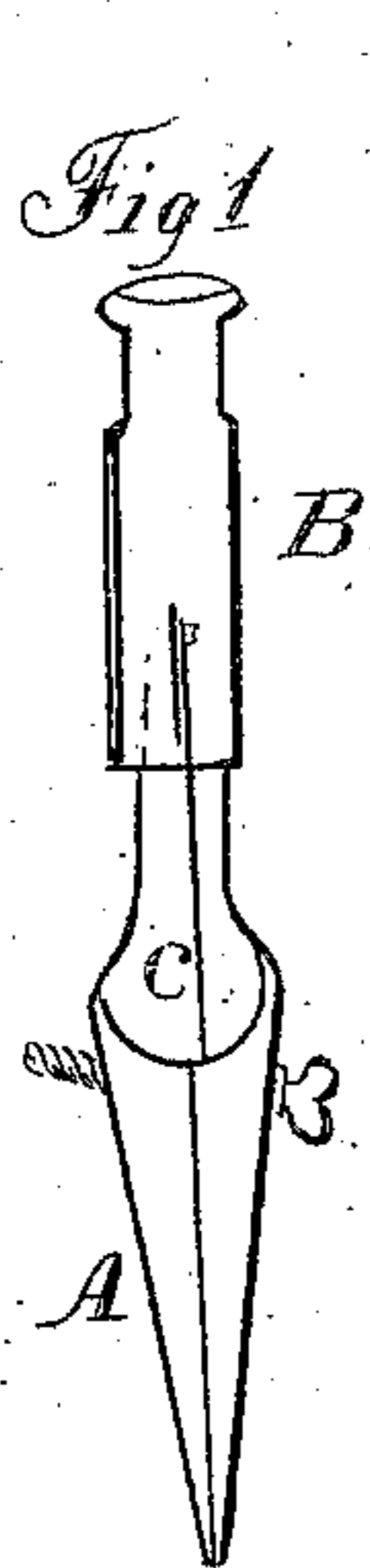


C. Ketchum.
Fountain Pen.

No 15657.

Patented, Sept. 2. 1856



James Burr
Witnesses

Charles Ketchum

UNITED STATES PATENT OFFICE.

CHARLES KETCHAM, OF PENN YAN, NEW YORK.

FOUNTAIN RULING-PEN.

Specification of Letters Patent No. 15,657, dated September 2, 1856.

To all whom it may concern:

Be it known that I, CHARLES KETCHAM, of Penn Yan, in the county of Yates and State of New York, have invented a new and useful Fountain Ruling-Pen; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a side elevation of the whole pen; Fig. 2 is a longitudinal view with part removed; Fig. 3 is a view of the sliding tongue; Fig. 4 is a transverse view.

The same letters refer to the same parts in each figure.

A Fig. 1, represents the bowl of the pen composed of two semicones hollow which are fitted to each other so that they will hold more than the ordinary pen, the union of the two parts may be made in any manner to make them sufficiently tight and allow the points to be opened and closed without leaking, a joint may be made by making the edge of one overlap the other; the points of the pen are closed by a thumbscrew. The upper parts of A terminate in the part B and serve as springs to hold the points apart when not held by the thumbscrew.

C represents the sliding tongue and the method of attaching it to the part B. The method of attaching the tongue may be changed to suit various artisans without any substantial alteration.

A Fig. 2 shows the internal surface of one semicone, C the tongue in its position, drawn up to its upper position, with its upper ends in grooves in which the parts are held and move up and down by the will of the operator.

C Fig. 3 is the movable tongue which may be made as represented in the figure in which the upper ends have an outward projection by which it is moved, and an inward projection which are inserted in grooves in the part B, which grooves together with the spring of the tongue or other spring holds the tongue in proper position. The use of the tongue is to clear the passage when obstructed without changing the position of the pen-points, and to assist in holding the fluid up in the pen by its attraction, its form and material may be varied to suit the fluid used.

A Fig. 4 represents the exterior a semicone. The upper end of B may be made in any manner to attach to a handle or other instrument.

What I claim and desire to secure by Letters Patent is—

Fountain ruling pen substantially as specified.

CHARLES KETCHAM.

Witnesses:

C. G. JUDD,
JAMES BURNS.