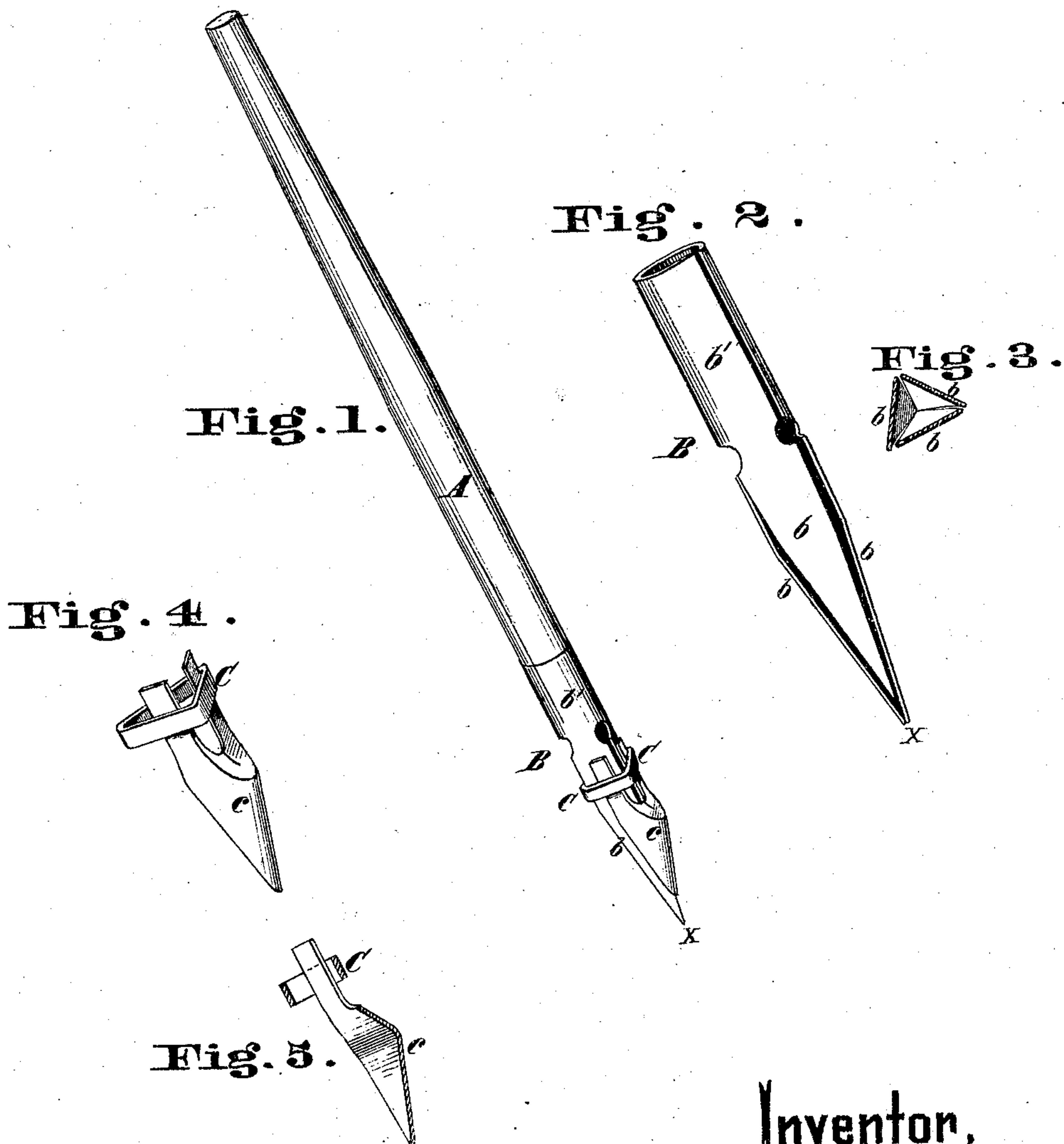


MICHAEL WAGNER.  
Improvement in Pens.

No. 116,242.

Patented June 20, 1871.



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# UNITED STATES PATENT OFFICE.

MICHAEL WAGNER, OF CINCINNATI, OHIO.

## IMPROVEMENT IN PENS.

Specification forming part of Letters Patent No. 116,242, dated June 20, 1871.

*To all whom it may concern:*

Be it known that I, MICHAEL WAGNER, M. D., of Cincinnati, Hamilton county, State of Ohio, have invented a certain new and useful Improvement in Fountain-Pens, of which the following is a specification:

### *Nature and Objects of the Invention.*

My invention consists of a fountain-pen, constructed with three or more elastic nibs or jaws converging from the handle-socket (where they unite) to a common point where the ink is to leave the pen, the jaws serving to surround and confine the ink in a capacious chamber, and being rendered adjustable to facilitate cleaning and admit of regulation in the thickness of stroke to suit the penman, by means of an exterior sliding band, which also carries a cup for the occupancy of ink to increase the ink capacity of the pen.

### *Description of the Accompanying Drawing.*

Figure 1 is a perspective drawing of a fountain-pen embodying my invention. Fig. 2 is an enlarged perspective view of the pen with the handle and exterior adjusting-band removed. Fig. 3 is a cross-section of Fig. 2. Fig. 4 is a perspective view of the exterior adjusting-band. Fig. 5 is a section from point to rear of the adjusting-band.

### *General Description.*

A is the handle of the pen, and B the pen. The latter is composed of three jaws or nibs, *b*, and a socket, *b'*, for the reception of the handle A. Below the socket the jaws *b* form, together, a triangle in cross-section, and each jaw is tapering in form, as shown, so as to admit of their uniting in a common point, X. The ink is contained between the jaws *b*, the sides of the jaws being sufficiently close together to prevent the escape of ink.

For the purpose of cleaning, these jaws may be bent back or sprung to admit of the introduction inside the jaws of a brush or cloth.

In order to keep the jaws together while in use, and furnish a means for the adjustment of the pen to write different thicknesses of strokes or lines, I provide the exterior band C, which is so shaped as to fit the exterior of the jaws, and adapted to slide up and down the jaws to temper or adjust the flexibility of the nibs or points of the pen. A tapering cup, *c*, is attached to the band C, the sides of which serve to hug the jaws of the pen to prevent spreading, and the concavity of which forms a chamber for the occupancy of ink, to increase the capacity of the pen for ink, and thus enable it to write a very long time without refilling.

This pen is peculiarly adapted, in addition to its use with writing-fluids, to receive for use writing-paste, which, when wet by dipping in water, will feed a colored fluid to the pen-points for writing.

Owing to the peculiar construction of this pen it is calculated to write pencil-like, with an equal thickness of line for the up-and-down strokes, and perform its work with less fatigue to the penman than the ordinary writing-pen. It can, however, be adjusted to write with heavy and light strokes, to adapt it for bold penmanship.

### *Claim.*

A fountain-pen, constructed with taper elastic jaws or nibs, *b b b*, and exterior sliding ring or band C, substantially as and for the purpose specified.

In testimony of which invention I hereunto set my hand.

MICHAEL WAGNER, M. D.

Witnesses:

FRANK MILLWARD,  
JOHN A. CANN.