

W. W. STEWART.  
Fountain-Pens.

No. 207,318.

Patented Aug. 20, 1878.

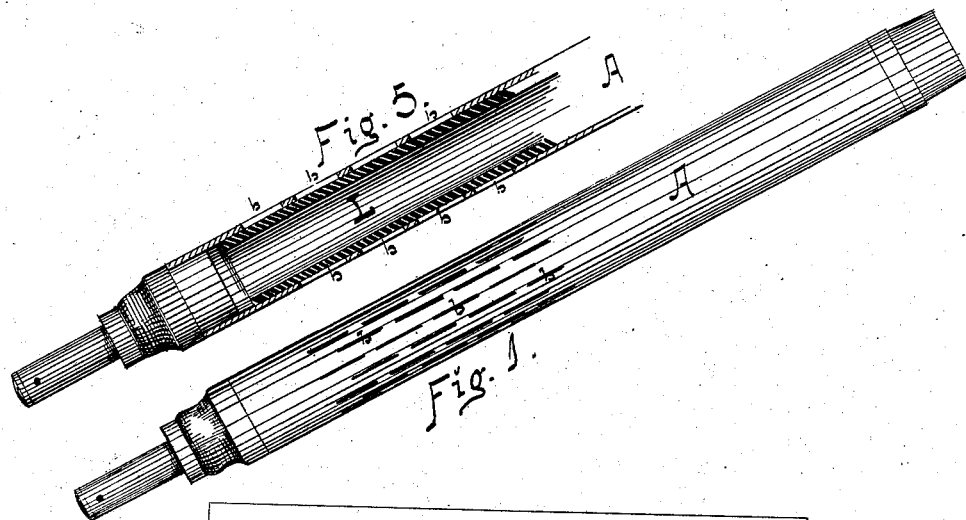


Fig. 2.

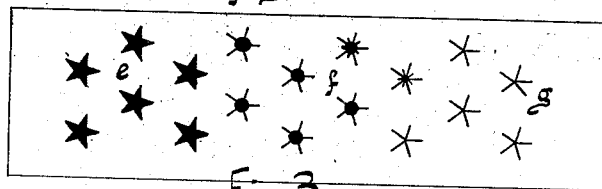


Fig. 3.

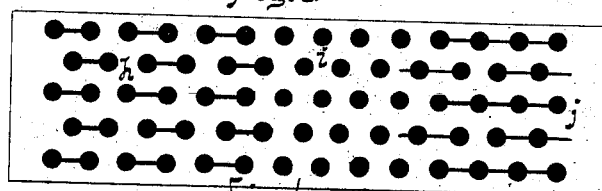


Fig. 4.

Attest  
*Aug. 20, 1878*  
*M. E. Chaffee*

Inventor.  
William W. Stewart  
By his Attorney  
*R. D. Smith*

# UNITED STATES PATENT OFFICE.

WILLIAM W. STEWART, OF BROOKLYN, NEW YORK.

## IMPROVEMENT IN FOUNTAIN-PENS.

Specification forming part of Letters Patent No. **207,318**, dated August 20, 1878; application filed July 18, 1878.

*To all whom it may concern:*

Be it known that I, WILLIAM W. STEWART, of Brooklyn, in Kings county, in the State of New York, have invented a new and useful Improvement in Reservoir or Fountain Pen Holders; and that the following is a full, clear, and exact description of the same.

This invention relates to that class of pen-holders which are provided with internal reservoirs for the reception of ink, and with devices for the automatic feeding of said ink to the pen while in use; and it more particularly relates to improvements in the reservoir-holders for which Letters Patent were issued to Might and Taylor, October 2, 1877.

The pen-holder described in said patent consists of a barrel with parallel longitudinal slits, extending about one and one-fourth ( $1\frac{1}{4}$ ) inch, so as to make the said barrel highly flexible at that point. Said slits are covered on the inside by a lining of soft rubber or its equivalent.

My improvement consists in a substitution for said continuous slits of small perforations or short slits in rows, and arranged to break joints or not, as may be desired, the object being to weaken the wall of the holder and render the same elastic without producing excessive elasticity and liability of crushing the wall, as is sometimes the case with the holder with continuous slits.

The material employed may be such as is suitable. Vulcanite, celluloid, &c., answer the purpose well.

The perforations may be produced by cutting, stamping, pressing, or by any suitable process.

Figure 1 represents a pen-holder such as described, with short longitudinal slits arranged in parallel rows longitudinally. Figs. 2, 3, 4 are diagrams representing some of the various modifications in form for the perforations which may be adopted. Fig. 5 is a longitudinal section of the perforated portion of the barrel, showing the short perforations and the flexible lining.

A is my holder, as above described, and *bb* are the short perforated slits, arranged in parallel rows, with alternating ends or breaking joints. *c d e f g h i j* represent different patterns for the perforations, merely to illustrate the fact that the same may be made in great variety without departing from the spirit of my improvement. L is the flexible lining which covers the perforations to prevent the escape of the inclosed fluid.

Having described my invention, what I claim as new is—

A reservoir or fountain pen holder the barrel whereof is provided with short slots or perforations, arranged in rows longitudinally, substantially as and for the purpose set forth.

WILLIAM W. STEWART.

Witnesses:

HAROLD D. WATSON,  
GEO. H. HARRINGTON.