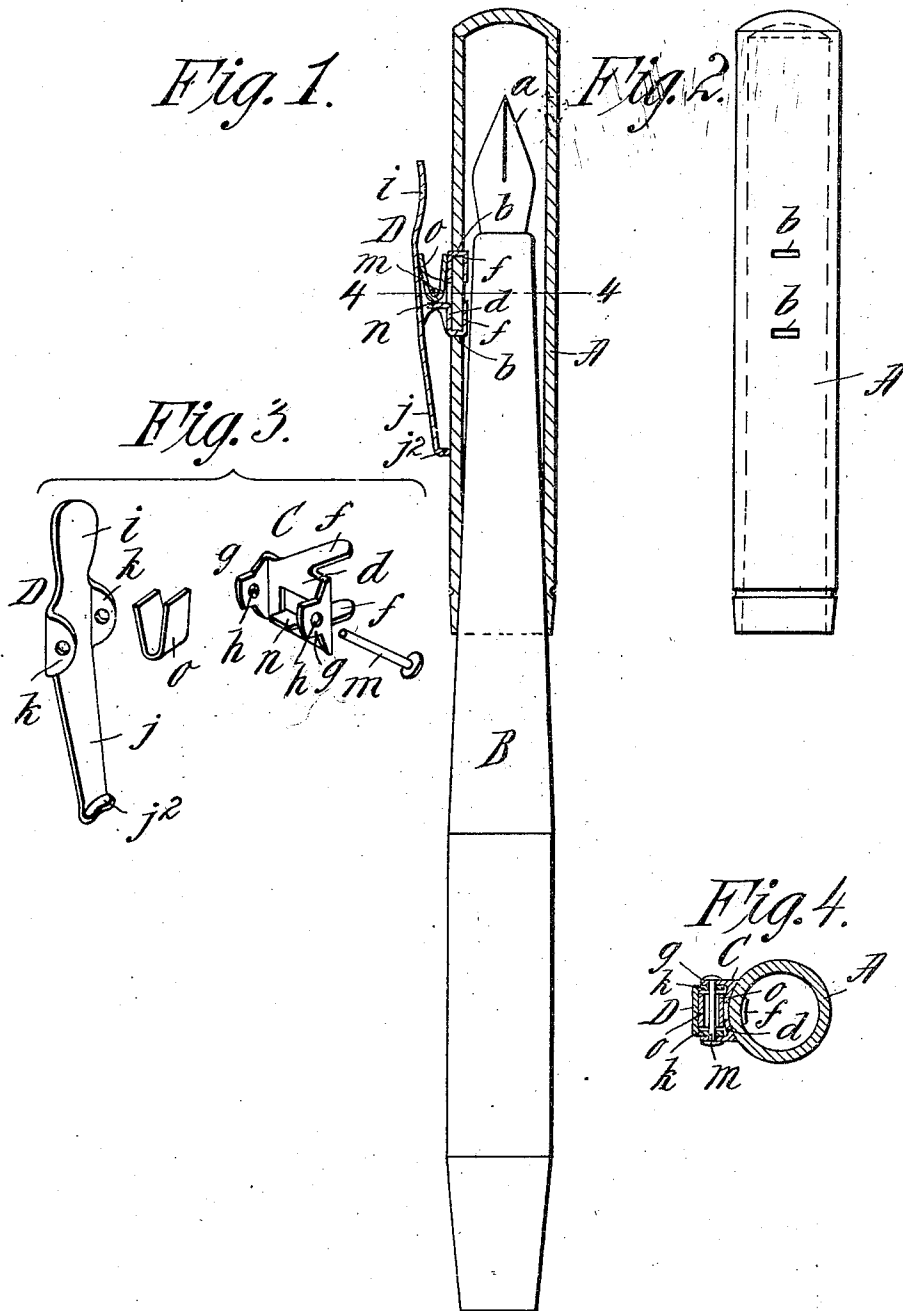


No. 886,095.

PATENTED APR. 28, 1908.

L. D. VAN VALKENBURG,
FOUNTAIN PEN RETAINER.

APPLICATION FILED MAR. 4, 1907.



Witnesses:
H. L. Sprague
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UNITED STATES PATENT OFFICE.

LEVI D. VAN VALKENBURG, OF HOLYOKE, MASSACHUSETTS.

FOUNTAIN-PEN RETAINER.

No. 886,095.

Specification of Letters Patent.

Patented April 28, 1908.

Application filed March 4, 1907. Serial No. 360,493.

To all whom it may concern:

Be it known that I, LEVI D. VAN VALKENBURG, a citizen of the United States of America, and resident of Holyoke, in the county of Hampden and State of Massachusetts, have invented certain new and useful Improvements in Fountain-Pen Retainers, of which the following is a full, clear, and exact description.

This invention relates to improvements in fountain pen retainers, applicable on the pen protecting cap of the fountain pen, of the general character exemplified in Letters Patent of the United States issued to me February 12th, 1907, Number 844,061.

The object of this invention is to simplify the device or pen cap attachment, to render the connection of the retaining device on the cap more quickly and easily accomplished and with greater certainty of immovable attachment, to lessen the number of the parts comprised in the device, to cheapen the production and to generally render the retainer more advantageous and satisfactory than heretofore.

The invention consists in the combination and arrangement of parts and the construction of certain of the parts all substantially as hereinafter fully described and set forth in the claim.

The improvements are illustrated in the accompanying drawings, in which,—
Figure 1 is a side view of a fountain pen with the protecting cap thereof in longitudinal section and showing the retaining device in place thereon. Fig. 2 is a side view of the cap as constructed in readiness for the attachment thereon of the retainer. Fig. 3 is a perspective view of all of the parts comprised in the retainer shown as in separated relations. Fig. 4 is a cross sectional view through the cap and retainer on line 4—4, Fig. 1.

Similar characters of reference indicate corresponding parts in all of the views.

In the drawings,—A represents the cap for protecting the writing pen *a* of the fountain pen B. The cap has at suitable places between its end transverse rectangular slots *b b* through its wall at one side thereof.

C represents the sheet metal stamping

comprising a base portion *d* slightly curved to conform to the cylindrical outer surface of the cap and having integrally formed, rearwardly extending, prongs *f f* at the upper 55 and lower ends thereof which are engaged through said rectangular slots *b b* and bent or clenched along longitudinal lines against the inner side of the pen cap wall. The said plate has at the opposite sides of its base integrally formed, forwardly extended ears *g g* with alined perforations *h h* therethrough.

D represents a sheet metal lever comprising a finger operating member *i* and a bearing member *j* having an angularly turned 65 extremity *j²* to bear against the side of the cap, and having intermediately thereof opposite perforated ear pieces *k* positioned against the aforementioned forwardly extended ears *g g* and held in place by the 70 rivet *m*, which constitutes the pivot supported by the ear pieces *g g* and on which the retaining lever may be rocked.

The aforementioned base piece is constructed with an integrally formed, struck-up, forwardly extended guard tongue *n* located between said ears, and adjacent, but offset from the line of the perforations and the pivot constituting rivet; and *o* represents a V-shaped spring, embracing said 80 pivot, having its divergent members in compression between, and in bearing against, said base plate and the member *i* of said lever, and having its intermediate, return bent, portion engaged, and held against displacement or becoming lost by said tongue *n*.

I claim:—

The combination with a cap for a fountain pen having separated transverse rectangular slots through the side wall thereof, of a sheet 90 metal plate comprising a base portion conforming to the outer surface of the cap, having integrally formed, rearwardly extending prongs, at the opposite ends thereof, which are engaged through said slots and clenched on 95 the inner side of the wall of the pen cap, said plate having at its opposite sides integrally formed, forwardly extended perforated ears, and also having an integrally formed struck up, forwardly extended guard tongue located between said ears, and adjacent, but 100 offset from the line of the perforations in said

cars, a lever composed of sheet metal having intermediate oppositely located ears positioned against the forwardly extended ears of said base plate, a pivot connecting both
5 pairs of ears, and a V shaped spring embracing said pivot, having its divergent members in compression and bearing against said base plate and a member of said lever, and

having its return bent portion engaged by said guard tongue. 10

Signed by me at Springfield, Mass., in presence of two subscribing witnesses.

LEVI D. VAN VALKENBURG.

Witnesses:

WM. S. BELLOWS,
G. R. DRISCOLL.