No. 843,767. PATENTED FEB. 12, 1907.

J. PLACH.

PENHOLDER.

APPLICATION FILED APR. 27, 1906.

Fig. 1.

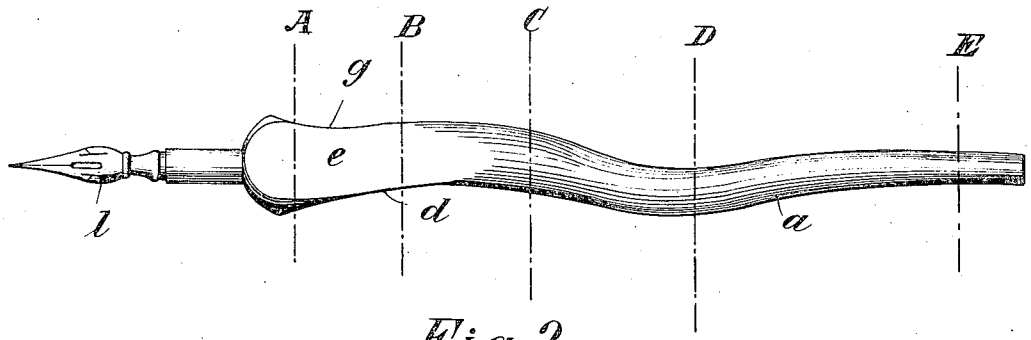


Fig. 2.

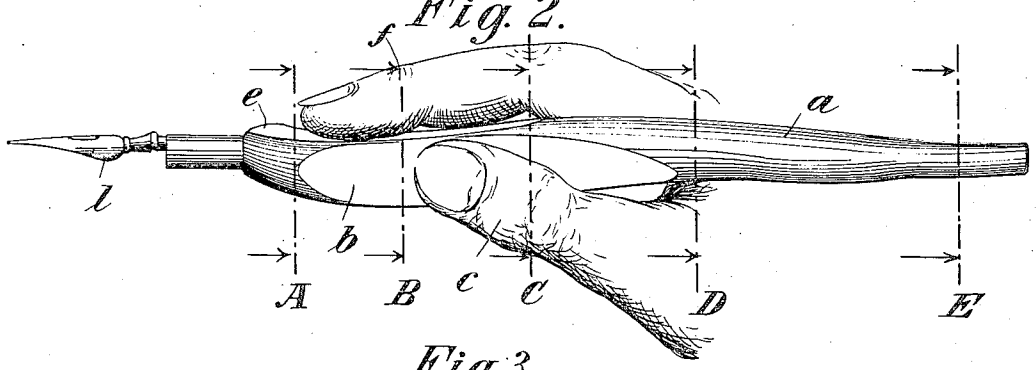
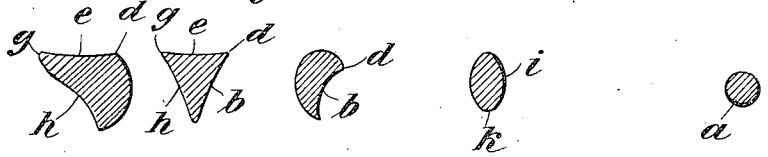


Fig. 3.



Witnesses:

Walter Maun

Inventor:

Josef Plach.

UNITED STATES PATENT OFFICE.

JOSEF PLACH, OF KOMOTAU, AUSTRIA-HUNGARY.

PENHOLDER.

No. 843,767. Specification of Letters Patent. Patented Feb. 12, 1907.

Application filed April 27, 1906. Serial No. 314,042.

To all whom it may concern:

Be it known that I, JOSEF PLACH, a subject of the Austrian Empire, and resident of 1136 Partschgasse, Komotau, Böhmen, Austria, have invented certain new and useful Improvements in and Relating to Penholders, of which the following is a specification.

The object of my present invention is an improved penholder which forces the writer to give his hand the right position in writing and also to hold the penholder in such a manner that the upstroke of the pen as well as the downstroke is of a correct thickness.

The penholders in general use are either of a cylindrical or conical or similarly constructed form, and they have the disadvantages that they give the hand too much play, so that the holder can be held in any manner not conducive to attaining a good handwriting. Moreover, they exercise pressure on the fingers and can hardly be prevented from doing so.

Penholders are also known which are provided with devices for giving a correct position to the fingers in writing. Among such devices are adaptations for the finger-tips provided on the penholder and the provision of plane sides on the penholder.

My invention consists of an improved form of such penholders. It is provided with curved grooves adapted to hold the fingers in right position. These grooves correspond exactly to the contour of the thumb, forefinger, and middle finger, respectively, when the latter are held in the correct position for writing. In addition to the grooves for the fingers there is also a curved position adapted to the part of the hand between the thumb and the forefinger.

My improved penholder is especially of high value during the first writing lessons of little children as they are obliged from the commencement and without any difficulty to hold their hands in the best position to attain a good handwriting.

In the accompanying drawings, in which my improved penholder is illustrated, like letters of reference correspond to like parts throughout the different views.

In the drawings, Figure 1 illustrates a plan view of the penholder. Fig. 2 illustrates a side view of the penholder, showing the position of the fingers. Fig. 3 shows vertical cross-sections on lines A A, B B, C C, D D, E E.

The penholder *a*, manufactured of wood, metal, celluloid, or any other suitable material of which penholders are usually manufactured, is provided with a curved groove *b*, corresponding to the inner face of the thumb *c*. A small ridge *d* separates the groove *b* from a shallow groove *e*, mating the inner face of the forefinger *f*. The groove *e* is also separated by another small ridge *g* from a third groove *h*, corresponding to the left side of the middle finger. Between the last groove *h* and the groove *b* is a broader part, which passes over into a curved portion *k*, which portion *k* corresponds to that part of the hand between the thumb and the forefinger.

The pen *l* may be inserted into the penholder in any desired manner; but the back of the pen must always be in line with the shallow groove *e*.

The advantages of my improved penholder are that by its combination of grooves and ridges and the curved portion at the back not only is a correct position of the fingers in writing assured, but also great ease in writing and the possibility of writer's cramp is prevented.

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

In a penholder a stock characterized by two grooves on the under side adapted to the contour of the under surface of the thumb, and the left side of the middle finger respectively, a shallow groove on the upper side adapted to the contour of the under surface of the forefinger, narrow ridges separating the said grooves, and a bend adapted to the part of the hand between the thumb and forefinger, all substantially as described, and for the purpose specified.

In testimony whereof I have hereunto signed my name, this 12th day of March, 1906, in the presence of two subscribing witnesses.

JOSEF PLACH.

Witnesses:
PAUL E. SCHILLING,
PAUL ARRAS.