

A. Alden.
Pen & Pencil Case.

N^o 2,981. Patented Mar. 4, 1843.

Fig: 1.



Fig: 2.

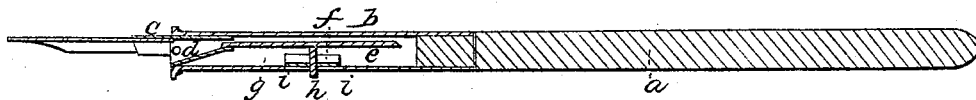
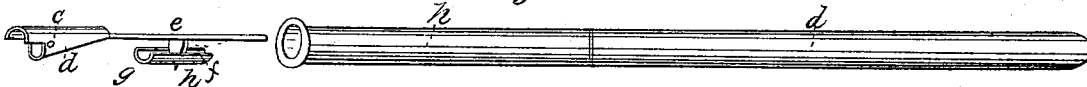


Fig: 3.



UNITED STATES PATENT OFFICE.

ALBERT ALDEN, OF BARRE, MASSACHUSETTS.

PENHOLDER.

Specification of Letters Patent No. 2,981, dated March 4, 1843.

To all whom it may concern:

Be it known that I, ALBERT ALDEN, of Barre, in the county of Worcester and State of Massachusetts, have invented new and useful Improvements in Metallic Penholders, and that the following description, taken in connection with the accompanying drawings hereinafter referred to, forms a full and exact description of the same, wherein I have set forth the nature and principles of my improvements by which my invention may be distinguished from others of a similar class, together with such parts or combinations as I claim and wish to have secured to me by Letters Patent.

It is well known that most of the penholders, which have heretofore been invented and are now in common use, hold the pen rigidly stationary in its socket, which socket is also firmly fixed to the handle or barrel of the holder, so that for ease in writing or in executing penmanship, we are obliged to rely only on the elastic properties of the pen itself, which by being made "soft," (to speak technically), soon wears out. The object of my improvements it will be seen by the sequel, is to give to the holder an elastic character, and to render its elasticity susceptible of adjustment or alteration to accommodate the various tastes or preferences of different penmen.

The figures of the accompanying plate of drawings represent my improvements.

Figure 1 is a plan or top view of the holder and pen, the concave side of the latter being turned upward. Fig. 2 is a longitudinal vertical section on the line A B Fig. 1, and Fig. 3, is a view of the several parts in detail.

a Figs. 1, 2, 3, is the handle usually made of wood or ivory. *b*, is the barrel of the holder constructed in the ordinary manner, with the exception, that is or may be somewhat longer than is usual. *c* is the socket made double at the back and end, as shown in Figs. 2, and 3, for the insertion of the pen; it is also cut off angularly in front or on its upper side, or is shaped as shown in Figs. 2, and 3, or in any other suitable manner to allow it to play freely in the barrel *b*. The socket *c* is connected to the barrel *b* by

means of pivots or riveted pins *d, d*, Figs. 1, 2, 3, on which it turns easily so far as may be allowed by its position in the barrel. A horizontal or straight lever spring *e* is firmly attached to one end of the socket *c* as shown in Figs. 2, and 3, and extends up into the barrel *b* as shown in the drawings. This lever spring (at various points thereof), abuts against the movable or adjustable fulcrum or bearing stud or block *f*, which is firmly fastened to the sliding plate *g* which plate is curved concentrically with the barrel *b* and has a knob or pin *h* which works in the elongated slot *i i* in the barrel *b*, (see Fig. 1), and by which the position of the fulcrum stud or block *f*, is changed or regulated.

It will readily be perceived that the movement of the bearing stud or block *f* up or down, will render the lever spring more or less rigid, and consequently increase or diminish the elastic play of the socket *c* and pen in the same, according to the wish of the penman. It will likewise be apparent after reading the above, that in lieu of a movable bearing stud a stationary one may be used, being so placed as to insure the medium requisite of elasticity; or the lever spring *e* may be suitably bent so as to bear against the inside of the barrel *b* and thereby do away with the use of the stud altogether. These however are but variations or evasions of my plan, which would injure rather than improve my apparatus.

Having thus described my improvements I shall claim as my invention as follows:

I claim—

1. The combination of a lever spring arranged substantially as herein above described with a turning pen-socket, which is hung upon riveted pins or pivots or in any other suitable manner, so as to play sufficiently, meaning to claim the aforementioned combination, whether the lever spring bear against a movable or stationary stud, or be bent so as to press against the inside of the socket as above suggested.

2. I also claim the use of a movable bearing stud against which the spring lever abuts, or the combination of the same with said lever spring and the turning socket

above mentioned, the whole being for the purpose of giving an elastic character to a pen holder, and to render its elasticity susceptible of adjustment.

5 In testimony that the foregoing is a true description of my said invention and improvements I have hereto set my signature

this eleventh day of February in the year eighteen hundred and forty three.

ALBERT ALDEN.

Witnesses:

R. H. EDDY,
EZRA LINCOLN, Jr.