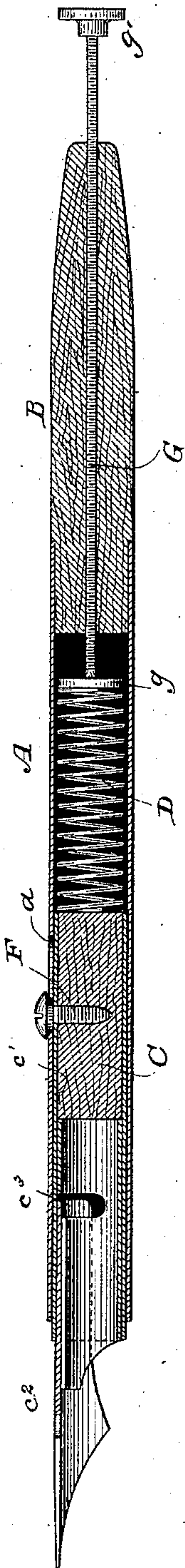


(No Model.)

A. CARTER.
PEN AND PENCIL HOLDER.

No. 312,812.

Patented Feb. 24, 1885.



Witnesses
W. B. A. Skinkle.
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UNITED STATES PATENT OFFICE.

ALFRED CARTER, OF WELLINGTON, NEW ZEALAND.

PEN AND PENCIL HOLDER.

SPECIFICATION forming part of Letters Patent No. 312,812, dated February 24, 1885.

Application filed July 2, 1884. (No model.)

To all whom it may concern:

Be it known that I, ALFRED CARTER, of Wellington, in the Colony of New Zealand, have invented a certain new and useful Improvement in Pen and Pencil Holders, of which the following is a specification.

My invention consists in making pen or pencil holders elastic or yielding between that portion held by the fingers of the writer and the pen or pencil point, in such a manner that the pressure or direct thrust upon the point will at all times be nearly uniform, and in means for adjusting the elastic resistance to suit the writer, the object of which is to enable persons with little practice or stiff fingers to write with greater freedom and ease, and prevent cramped or fatigued fingers being occasioned by long-continued writing.

The accompanying drawing, which is a view partly in elevation and partly in longitudinal section, shows my invention as adapted to pen-points only; but obviously pencil-points may be substituted therefor.

As shown, the holder consists of a tubular portion, A, into the upper end of which is secured the projecting handle B, which may be of any desired length or material. Near the lower end of the tube is a sliding pen carrier or runner, C, to which the pen or pencil point is secured. A spring, B, bears against the upper end of the pen carrier or runner, with a tendency to push it toward the lower end of the tube. The block or runner has attached to it a metallic tube or cylinder, *c'*, the lower end of which is provided with the usual spring-clamp, *c''*, for holding an ordinary gold or steel pen, *c'*. A screw or stop, F, is secured in the runner, and plays through a slot, *a*, in the casing, which slot is sufficiently long to permit the desired endwise movement. The handle B is perforated longitudinally for the reception of an adjusting-screw, G, provided with head or disk *g* at its inner end, said disk bearing against the spring D, and with a thumb-nut, *g'*, at its projecting outer end, whereby the pressure of the spring upon the pen-carrier may be varied and readily adjusted to suit the writer.

It will be evident that when using the holder shown the pressure of the fingers upon the holder will be communicated to the runner and point through the spring, and too great stiffness or flexibility in the pen-point can be compensated for by adjusting the pressure of the spring, as described.

Various modifications and changes in both form and materials will readily suggest themselves to those skilled in the art to which my invention pertains, and I do not limit myself to the precise construction shown.

I am aware that pen-holders have been constructed in which a section of elastic material is interposed between the handle and the point-carrier, rendering the point laterally flexible. This I do not claim, as according to my invention endwise and not lateral flexibility is attained; and I am also aware that it has been proposed to construct a pencil-carrier in which a spiral spring was to be employed to force the pencil and its carrier against a stop, and to hold them there with sufficient force to admit of the pencil being used. I therefore do not claim such construction, broadly, my invention consisting in mounting a pen on a yielding support placed within a suitable holder, and provided with means for adjusting the resistance to suit the writer, as hereinafter claimed.

What I claim is—

The combination, with a tubular holder, A, of an independent pen-carrier, C, secured therein, said carrier being provided with a stop, F, for limiting the movement of the carrier within its holder, a spring, D, for maintaining said carrier in its extended position, and an adjusting-screw extending through the handle for varying the tension of the spring and the pressure of the carrier against its stop, and thereby increasing or diminishing the longitudinal or endwise flexibility of the pen, substantially as described.

ALFRED CARTER.

Witnesses:

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