

(No Model.)

G. E. DOUGHTY.
PEN.

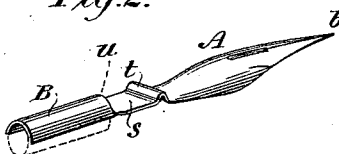
No. 512,607.

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Fig. 1,



Fig. 2.



Witnesses
Edward Thorpe.
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Inventor
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By his Attorney Little & Dunn

UNITED STATES PATENT OFFICE.

GEORGE E. DOUGHTY, OF JAMAICA, ASSIGNOR TO THE COOKE & COBB
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PEN.

SPECIFICATION forming part of Letters Patent No. 512,607, dated January 9, 1894.

Application filed July 15, 1892. Serial No. 440,182. (No model.)

To all whom it may concern:

Be it known that I, GEORGE E. DOUGHTY, a citizen of the United States, residing at Jamaica, in the county of Queens and State of New York, have invented certain new and useful Improvements in Pens; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The object of my invention is to produce a writing pen the nib or point of which shall be in a line coincident with the longitudinal axis of the pen-holder, and the stem shall be formed in such a manner as to adapt the pen to be used with any of the usual forms of pen-holders, and also to provide such a pen with an elastic shank between the point or nib and the stem that enters the holder in order to avoid lessening the flexibility of the pen when used with an ordinary holder.

In the accompanying drawings: Figure 1 represents my improved pen connected with a holder of ordinary construction. Fig. 2 represents my improved pen detached from the holder.

Referring to the drawings, the nib A may be of any of the usual forms, and the points b may be sharp, turned up, or stump, as desired.

The stem B of the pen is intended to be shaped to adapt it to be used with any of the usual forms of pen-holders. In the present instance it is represented as a half barrel stem in order to adapt it to be used in a holder provided with a cylindrical or semi-cylindrical groove g as in Fig. 1. But as may be readily understood the stem may be a complete barrel as indicated by the dotted lines Fig. 2.

Between the stem and nib and connecting the two is a flat elastic shank s which is in exact horizontal alignment with the points b of the pen and the longitudinal axis of the holder as indicated by the dotted line x x Fig.

1. The stem whether of a barrel or half barrel form is constructed so as to avoid destroying the alignment of the shank with the pen point, and this is accomplished by forming a shoulder between the flat shank s, and the stem at or about right angles to the stem, whereby the stem is brought into alignment with the nib, and its full elasticity preserved.

The shank is provided with a transverse bend or shoulder t, which may be next to the stem, but is represented at the junction of the shank with the nib. But this bend or shoulder may be omitted.

Made as above described, the pen with the centric point may be used with any of the common well known pen-holders; and the pen writes with great ease and flexibility owing to the elasticity of the shank.

I claim—

1. As a new article of manufacture a pen consisting of a nib a barrel or half barrel stem B adapted to fit a cylindrical or half-circular grooved holder, and provided with a downwardly turned shoulder, u and a shank s between the shoulder and the nib which is in longitudinal alignment with the point of the pen, substantially as specified.

2. In a pen and pen holder the combination of a holder provided with a circular or semi-circular groove, and a pen having a half barrel stem B shaped to fit the groove of the said holder and provided with a downwardly turned shoulder a pen point or nib and a flat elastic shank between the shoulder u and nib, the said shank and nib being in alignment with the longitudinal axis of the holder, substantially as specified.

In testimony that I claim the invention above set forth I affix my signature in presence of two witnesses.

GEORGE E. DOUGHTY.

Witnesses:

WILTON C. DONN,
CHAS. E. PETERS.