

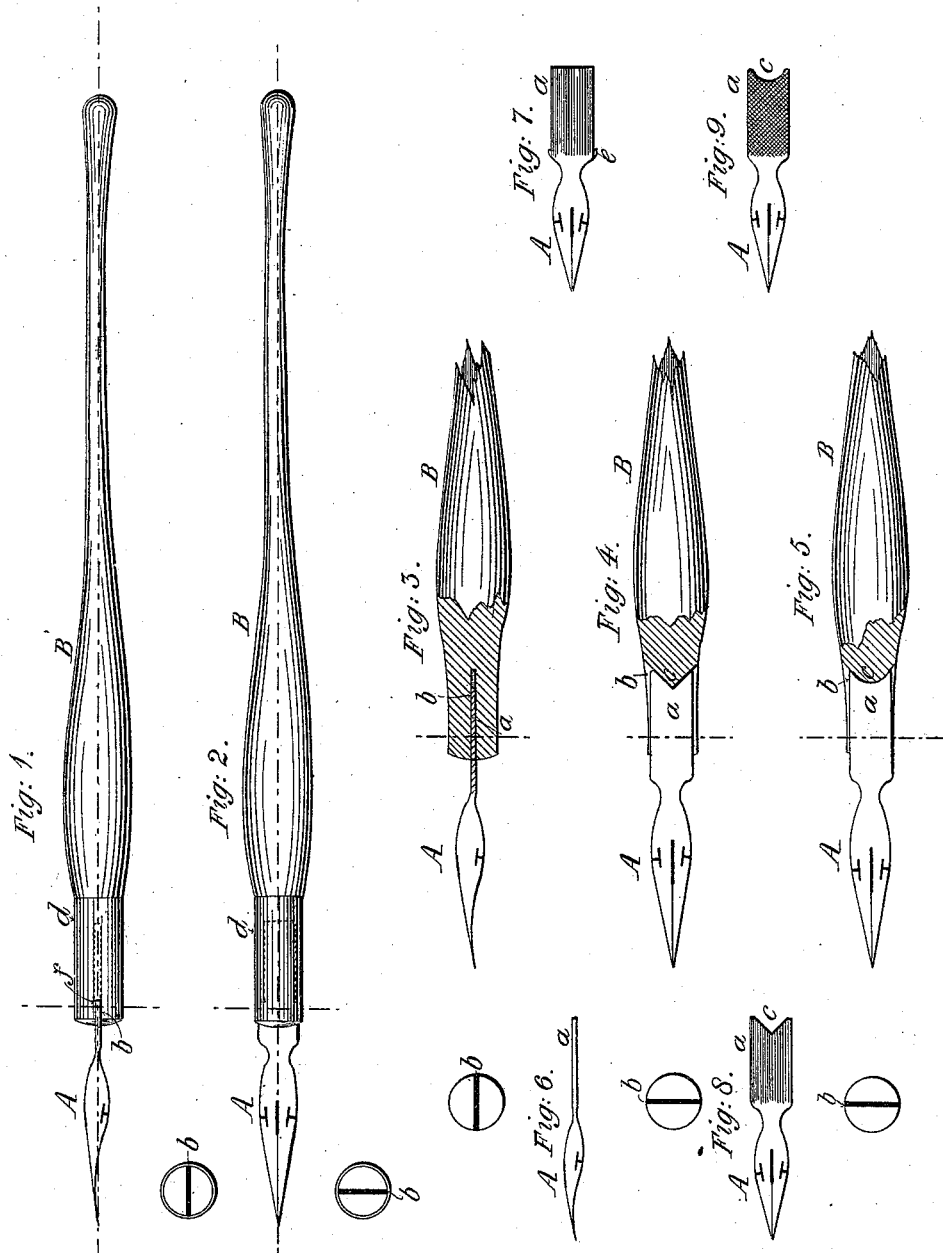
(No Model.)

2 Sheets—Sheet 1.

G. H. H. CLEMENT.
COMBINED PEN AND PEN HOLDER.

No. 417,704.

Patented Dec. 24, 1889.



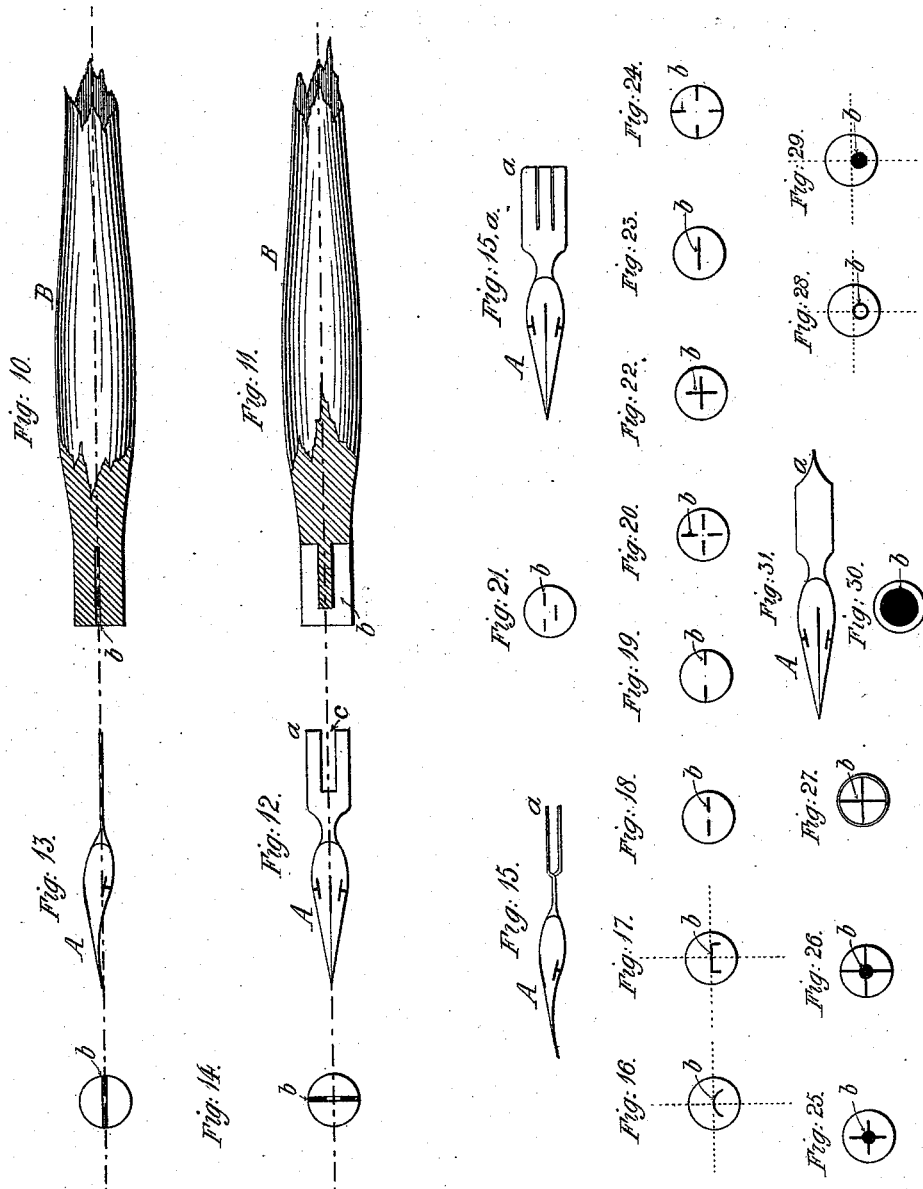
Witnesses
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Frank B. Mayo

Inventor
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Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE HENRY HOLLAND CLEMENT, OF KINGSTON-UPON-HULL, COUNTY OF YORK, ENGLAND.

COMBINED PEN AND PEN-HOLDER.

SPECIFICATION forming part of Letters Patent No. 417,704, dated December 24, 1889.

Application filed November 3, 1888. Serial No. 289,923. (No model.) Patented in England July 30, 1888, No. 10,997.

To all whom it may concern.

Be it known that I, GEORGE HENRY HOLLAND CLEMENT, a subject of the Queen of Great Britain, and a resident of No. 38 Dover Street, Kingston-upon-Hull, in the county of York, England, have invented an Improved Combined Pen and Pen-Holder, of which the following is a specification, and that a patent has been applied for in England only before this present application; that the date of the British application is July 30, 1888, No. 10,997.

The object of my invention is to provide a nib or pen the point of which shall be in a line coincident with the central longitudinal axis of the pen-holder, and by this means to render writing more natural, and to secure—

a. Greater facility in writing. When the point of the pen is central with the holder, as in a lead-pencil, the thumb and first and second fingers in the act of writing are further from the paper than when the point is in a line with the upper surface of the holder, as in the case of ordinary pens; hence greater freedom of movement is allowed to the third and fourth fingers in the former than in the latter case. The cramping of the two under fingers through the use of pens and pen-holders as hitherto generally constructed is the chief obstacle to easy writing.

b. That the pen and holder may be laid down when in use without risk of injury to papers and the like from contact with the wet nib.

c. That (the upper surface of the nib not being flush with the upper surface of the holder with which the fingers come into contact) the ink cannot reach the fingers.

In order that my invention may be the better understood, I have appended the accompanying two sheets of drawings, in which—


Figures 1 and 2 represent views of pen-holders upon the ends of which are fitted metal sleeves or collars, hereinafter referred to. Figs. 3, 4, 5, 10, and 11 are views of pen-holders, partly in section, the first three showing nibs or pens in position. Figs. 6 to 9, inclusive, 12, 13, 15, 15^a, and 31 illustrate some of the forms of the stems or rear ends of the nibs which I adopt in accordance with my

invention; and Figs. 14 and 16 to 30, inclusive, are end views of pen-holders, showing various types of incisions or openings for the reception of nibs or pens.

To effect the advantageous results referred to in the first paragraph according to the first feature distinctive of my invention, I produce—

First. A nib A, having a flat stem or rear end *a*, (of the shape illustrated in either or all of the Figs. 1 to 9, inclusive, 12, 13, 15, 15^a, and 31,) which may be preferably corrugated, fluted, or otherwise roughened, as shown in Figs. 7, 8, and 9, so as to afford a better hold when inserted into the pen-holder B.

Second. A pen-holder B, which may be of any suitable material, having—

a. One, two, three, four, or more straight slits or incisions, or straight slits or incisions *b*, cut centrally in the front end for the reception of the flat-ended nib A, above described, Figs. 1 to 5 and 18 to 27, all inclusive. Said slit or incision or slits or incisions may be formed either plain throughout, as shown in dotted lines, Fig. 2, or with a  or other shaped projection formed therein to correspond with slot *c* at the extremity of the rear end *a* of the nib or pen A, as shown in Figs. 4, 5, 8, 9, and 12.

b. A circular slit or incision which may be concentric with the circumference of the front end of the holder or may form a tangent with its diameter and may be either in combination with the aforesaid straight slit or slits or otherwise, as shown in Figs. 27 and 28.

c. A circular hole or opening which may be in the center of the end of the holder or in such a position that its circumference forms a tangent with the diameter of the front end of the holder and which may be used either in combination with the said straight slit or slits above referred to or otherwise, Figs. 25, 26, 29, and 30.

Pen-holders constructed according to Figs. 18, 19, 20, and 24 are devised for the reception of pens of the shape shown in Fig. 12; those made as per Fig. 21, for the reception of pens made as shown in Figs. 15 and 15^a; those made according to Figs. 22, 23, 25, 26, and 27, for the reception (as may be pre-

ferred) of pens shown in Figs. 1 to 5, inclusive; those made as shown in Fig. 30, for the reception of flat-ended pens made according to Fig. 31, the point *a* of the said pen, Fig. 31, being designed so as (by penetrating the wood) to hold the pen rigidly in the center of the holder; and those made according to Figs. 28 and 29, for the reception of barrel-ended pens.

I may under some circumstances adapt a collar or sleeve *d*, Figs. 1 and 2, to the slit end of the pen-holder, in which case the stem or rear end of the nib or pen may be of the same shape as those used with pen-holders having no sleeve or collar; or the nib may be provided with shoulders or projections *e*, Fig. 7, which rest within incisions *f*, Fig. 1, in the end of the sleeve or collar *d*, above mentioned.

The second distinguishing feature of my invention consists in the method which I adopt for adapting the pen-holder portion of the device according to my invention to receive nibs or pens as hitherto generally constructed in such a manner that the points thereof are brought in a line coincident with the longitudinal axis of the pen-holder. This I effect by making the slit or incision *b* in the front end of the pen-holder B (in the form of an arc of a circle) in such a position as to form a tangent with the diameter of the circular end of the said holder, as shown in Fig. 16; or, if so desired, the slit or incision may

be in the form and in the position shown in Fig. 17, in which two latter cases the feature of bringing the point of the nib in a line with the central longitudinal axis of the pen-holder is maintained.

It will be obvious from the foregoing that the point of the nib in every case coincides with a line passing longitudinally through the center of the pen-holder, thus insuring to those who use the improved pen and pen-holder according to my invention great comfort and facility in writing.

Having fully described the nature of my invention, what I desire to claim, and secure by Letters Patent, is—

In a pen and pen-holder, the combination of a pen having a flat shank provided with shoulders, with a pen-holder having a central mortise-slit and a collar notched at one end to receive such a pen, substantially as shown.

In testimony that I claim the foregoing as my invention I affix my signature in presence of two witnesses.

GEORGE HENRY HOLLAND CLEMENT.

Witnesses:

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