

**RESERVE COPY**  
**PATENT SPECIFICATION**



Application Date: Oct. 28, 1933. No. 29,960 / 33.

**414,250**

Complete Left: March 23, 1934.

Complete Accepted: Aug. 2, 1934.

PROVISIONAL SPECIFICATION.

**Improvements in or relating to Writing Points or Nibs.**

I, ANDREW STUART HORN (British Nationality), of 60, Osmaston Road, Prenton, Birkenhead, in the County of Chester, do hereby declare the nature of this invention to be as follows:—

corrodable base metal, whilst the other piece—a smaller piece which is adapted to serve as the writing point proper—is made of a precious metal, such as gold, and is provided, if desired, with a tip

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**ERRATUM.**

SPECIFICATION No. 414,250.

Page 2, line 27, for "fittad" read  
"fitted"

PATENT OFFICE,

December 18th, 1934.

of non-precious or base metal which are neither as serviceable nor as durable as gold nibs.

Under my invention I provide a writing point or nib which combines cheapness of production with the durability, smoothness, desired flexibility and distinctiveness of the customary gold nibs, and which point or nib is also capable of being readily applied to a pen or pen holder and positively held in position in the usual manner of known types of writing nibs.

According to my invention, I provide a writing point or nib which is composed of two sections or components, or is in effect transversely separated and reconnected in any convenient manner to provide two sections or components, which when combined constitute a one-piece nib, the respective sections or pieces of the nib being made of different materials, one piece—a larger piece which is adapted to serve as the shank which is usually gripped by the feed bar or pen holder socket—being made of a cheap non-

usual manner to provide, as is technically known in the trade, nib wings or prongs which may be tipped with a suitable material and have formed between them a central slit extending lengthwise in a rearward direction towards and terminating at a suitably shaped aperture in an intermediate part of the point section, such co-operating slits and apertures of the respective point elements combining to form efficient ink feed channels to the tip of the two-part unit, whilst the rear of the point section tapers from its opposed edges in a rearward direction to create at such end thereof a suitably formed and centrally arranged tongue or projection which is adapted to be located in the aforementioned centrally disposed slot of the shank section in order to locate the position of the point section upon the latter. The sections may be permanently and firmly fastened together in any convenient manner, but preferably the point element is made slightly wider than the shank element and has its respective edge portions between the for-

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**414,250**

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PROVISIONAL SPECIFICATION.



**Improvements in or relating to Writing Points or Nibs.**

I, ANDREW STUART HORN (British Nationality), of 60, Osmaston Road, Prenton, Birkenhead, in the County of Chester, do hereby declare the nature of this invention to be as follows:—

This invention relates to writing points or nibs generally, but more particularly to writing points or nibs as used in connection or association with writing pens or pen holders, and especially fountain or reservoir pens, and has for its object to provide a new or improved form or construction of writing point or nib which shall resemble or bear the appearance of and also function in the same manner as the customary gold writing points or nibs, yet may be more cheaply produced than the existing points or nibs, and, in addition, shall be as sensitive, stronger and more durable and reliable than the known points.

Writing points or nibs of the kind usually applied to better class fountain or reservoir pens are usually made wholly of gold and are therefore expensive to produce, whilst the cheaper grade reservoir pens are generally fitted with nibs of non-precious or base metal which are neither as serviceable nor as durable as gold nibs.

Under my invention I provide a writing point or nib which combines cheapness of production with the durability, smoothness, desired flexibility and distinctiveness of the customary gold nibs, and which point or nib is also capable of being readily applied to a pen or pen holder and positively held in position in the usual manner of known types of writing nibs.

According to my invention, I provide a writing point or nib which is composed of two sections or components, or is in effect transversely separated and reconnected in any convenient manner to provide two sections or components, which when combined constitute a one-piece nib, the respective sections or pieces of the nib being made of different materials, one piece—a larger piece which is adapted to serve as the shank which is usually gripped by the feed bar or pen holder socket—being made of a cheap non-

corrodable base metal, whilst the other piece—a smaller piece which is adapted to serve as the writing point proper—is made of a precious metal, such as gold, and is provided, if desired, with a tip of iridium, or the like. Thus the writing point, when applied to a pen or pen holder, resembles the usual costly nib but employs in its construction only a minimum of precious metal.

In carrying out my invention according to a preferred mode of embodiment, the shank component or element of the nib is formed or created at or about its middle part with a small transverse slot or aperture, and, adjacent to said aperture, with a second opening or hole, preferably of oval or circular formation, from which a longitudinally arranged slit leads to and terminates at the forward end of the shank, such end of the latter being preferably of semi-circular configuration with outwardly extending shoulders projecting in diametrically arranged disposition from such semi-circular projection. The point component or element is tapered or shaped in the usual manner to provide, as is technically known in the trade, nib wings or prongs which may be tipped with a suitable material and have formed between them a central slit extending lengthwise in a rearward direction towards and terminating at a suitably shaped aperture in an intermediate part of the point section, such co-operating slits and apertures of the respective point elements combining to form efficient ink feed channels to the tip of the two-part unit, whilst the rear of the point section tapers from its opposed edges in a rearward direction to create at such end thereof a suitably formed and centrally arranged tongue or projection which is adapted to be located in the aforementioned centrally disposed slot of the shank section in order to locate the position of the point section upon the latter. The sections may be permanently and firmly fastened together in any convenient manner, but preferably the point element is made slightly wider than the shank element and has its respective edge portions between the for-

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ward and rear tapered parts bent or clipped over the corresponding edge portions of the shank section.

Dated this 27th day of October, 1933.

JOHN HINDLEY WALKER,  
139, Dale Street, Liverpool, and  
125, High Holborn, London, W.C. 1,  
Agent for the Applicant.

### COMPLETE SPECIFICATION.

#### Improvements in or relating to Writing Points or Nibs.

- I, ANDREW STUART HORN (British Nationality), of 60, Osmaston Road, Prenton, Birkenhead, in the County of Chester, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—
- This invention has for its object to provide a writing nib particularly for use in a reservoir pen, which nib shall resemble or bear the appearance of and also function in the same manner as the customary gold nibs, yet may be more cheaply produced than the existing nibs, and, in addition, shall be as sensitive, stronger and more durable and reliable than the known nibs.
- Writing nibs of the kind usually applied to better class fountain pens are usually made wholly of gold and are therefore expensive to produce, whilst cheaper grade reservoir pens are generally fitted with nibs of non-precious or base metal which are neither as serviceable nor as durable as gold nibs.
- Under my invention, I provide a writing nib which combines cheapness of production with the durability, smoothness, desired flexibility and distinctiveness of the customary gold nibs, and which nib is also capable of being readily applied to a pen or pen holder and positively held in position in the usual manner of known types of writing nibs.
- A writing nib, according to my invention, is composed of two sections or components, namely a shank portion made of non-precious metal and a writing point section made of precious metal, and in which nib the edges of the writing point section are bent or clipped over to form guides or passages for the reception of corresponding edges of the shank portion; or, conversely, the edges of the shank portion are bent or clipped over to form guides or passages for the reception of corresponding edges of the writing point section.
- Thus the composite nib, when applied to a pen or pen holder, resembles the usual costly nib but includes in its construction only a minimum of precious metal.
- I will further describe my invention with the aid of the accompanying sheet of explanatory drawings which illustrate, by way of example only, one mode of carrying the same into effect.
- In said drawings:—
- Figs. 1 and 2 are plan views and Figs. 3 and 4 are side views of components of a two part nib, the two components being separated. Fig. 5 is a front view of one part of the nib.
- Figs. 6 and 7, illustrate, in plan and side view respectively, the complete nib.
- A shank component or element *a* of the nib is of non-precious or base metal, and is provided at or about the middle with a slot *a*<sup>1</sup>, and adjacent to said slot there are preferably formed an aperture *a*<sup>2</sup> and a longitudinal recess or groove *a*<sup>3</sup> communicating therewith: a longitudinal slot *a*<sup>4</sup> leads to and terminates at the forward end of the shank portion *a* which is preferably of semi-circular configuration and has outwardly extending shoulders *a*<sup>5</sup>. The point component *b*, which is gold or other precious metal, is tapered or shaped in the usual manner to provide wings or prongs *b*<sup>1</sup> (which may be tipped with iridium or the like) having between them the slit *b*<sup>2</sup> which extends lengthwise in a rearward direction towards and terminates in an aperture *b*<sup>3</sup> formed in an intermediate part of the section, such co-operating slits and aperture *a*<sup>4</sup>, *b*<sup>2</sup>, *b*<sup>3</sup> and aperture *a*<sup>2</sup> and recess *a*<sup>3</sup> of the respective shank and point elements combining to form efficient feed channels for the passage of ink to the tip of the writing point *b*.
- The writing point section, which is made slightly wider than the shank portion *a*, is so shaped or bent at its respective edge portions as to create a longitudinally-formed guide or passage *c*, and into said guide the shank portion *a* is clipped or inserted, whilst the rear of the point section *b* tapers from its opposed edges in a rearward direction to create at the rear end a tongue or projection *d* which is entered in said slot *a*<sup>1</sup> of the shank section *a* in order to position the point section upon the shank.
- In a modified construction, said shank component may be provided with longi-

tudinal guides or passages adapted to be bent or clipped over the corresponding edge portions of the point section.

5 Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

10 1. A writing nib composed of two sections or components, namely a shank portion made of non-precious metal and a writing point section made of precious metal, and in which nib the edges of the writing point section are bent or clipped  
15 over to form guides or passages for the reception of corresponding edges of the shank portion; or, conversely, the edges of the shank portion are bent or clipped  
20 over to form guides or passages for the reception of corresponding edges of the writing point section.

2. A writing nib as claimed in the preceding Claim, in which a projection formed at the rear end of the point section engages an aperture formed in the shank portion, for the purpose specified. 25

3. A writing nib, as claimed in either of the preceding Claims, in which the shank and writing point elements are provided with co-operating slits and apertures substantially as described combining to form efficient ink feed channels to the tip of the writing point. 30

4. A writing pen nib substantially as hereinbefore described and illustrated in the accompanying drawings. 35

Dated this 20th day of March, 1934.

JOHN HINDLEY WALKER,  
139, Dale Street, Liverpool, and  
125, High Holborn, London, W.C. 1,  
Agent for the Applicant.

[This Drawing is a reproduction of the Original on a reduced scale.]

Fig. 1.

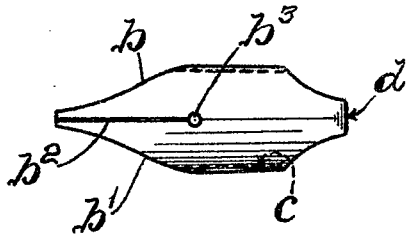


Fig. 2.

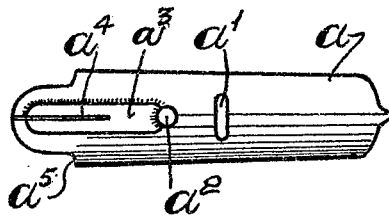


Fig. 3.

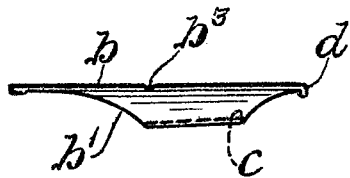


Fig. 4.

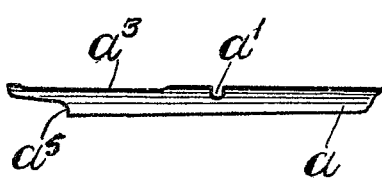


Fig. 5.

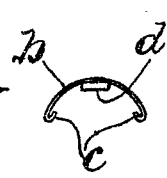


Fig. 6.

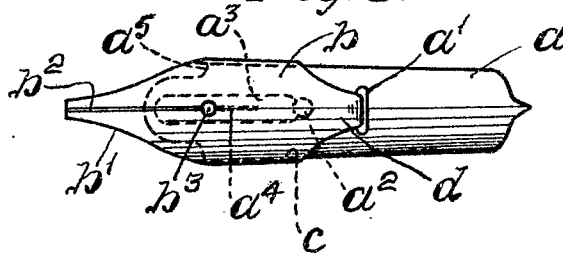


Fig. 7.

