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PROVISIONAL SPECIFICATION.

Improvements in or relating to Pencil Cases.

We, S. MORDAN AND COMPANY, LIMITED, Manufacturers, of 41, City Road, in the County of London, and HARRY LAMBERT SYMONDS, Managing Director, of the same address, do hereby declare the nature of this invention to be as follows:—

5 This invention relates to that class of pencil case known as "drop action" pencil cases.

Pencil cases of this class have, heretofore, been so constructed that the lead-nozzle when shot forward, by depressing the butt end of the pencil case, simply projected beyond the outer case or shield; they have also been so constructed as to hold an ordinary wood pencil, adapted to be shot forward in
10 like manner.

In both these constructions, however, it has not been possible to maintain either the lead-nozzle, or the wood pencil, in such a position as to obtain the desired amount of rigidity for the pencil proper when in use.

15 Now the object of this invention is to provide a pencil case of this class, in which the lead-nozzle shall, at all times, be held securely in position, and prevented from shaking or wobbling when the instrument is in use.

To this end, the invention consists in the combination of a "drop action" with what is known as an "ever-pointed" pencil, the lead-nozzle of which
20 is elongated, and is carried by an inner tube, which may or may not be milled. The said inner tube is, in its turn, carried by a sleeve adapted to work in the well known system of concentric tubes, slotted longitudinally and obliquely, and one of which is spring controlled from the butt end of the pencil case, and said sleeve carries pins adapted to slide in the longitudinal and oblique
25 slots, and to be retained therein, by suitable means, when the lead-nozzle, together with its inner tube, is shot forward, or retired. Thus, when it is desired to use the pencil-case, the same is held downwards, and pressure is exerted on its butt end, so releasing the sleeve and causing it, together with the inner tube and lead-nozzle, to fall outwards, by gravity. To retire the
30 lead-nozzle and its sleeve, the pencil-case is held upwards and pressure is exerted on the butt end, so releasing the sleeve and permitting it to fall inwards and carry with it the parts just above mentioned. Thus when the instrument is in use, a large bearing surface is provided by the inner tube, on which
35 writing, and maintaining the lead-nozzle rigidly in position.

Dated this 6th day of June 1907.

ERNEST DE PASS,
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[Price 8d.]



Improvements in or relating to Pencil Cases.

COMPLETE SPECIFICATION.

Improvements in or relating to Pencil-cases.

We, S. MORDAN AND COMPANY, LIMITED, Manufacturers, of 41, City Road, in the County of London, and HARRY LAMBERT SYMONDS, Managing Director, of the same address, 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, reference being had to the accompanying drawings and to the letters and figures marked thereon, that is to say:

This invention relates to that class of pencil-case known as "drop action" pencil-cases.

Pencil-cases of this class have, heretofore, been so constructed that the lead nozzle, when shot forward by depressing the butt end of the pencil-case, simply projected beyond the outer case or shield; they have also been so constructed as to hold an ordinary wood pencil, adapted to be shot forward in like manner.

In both these constructions, however, it has not been possible to maintain either the lead nozzle, or the wood pencil, in such a position as to obtain the desired amount of rigidity for the pencil proper when in use.

Now, the object of this invention is to provide a pencil-case of this class in which the lead nozzle shall, at all times, be held securely in position, and be prevented from shaking or wobbling when the instrument is in use; and, briefly, the invention consists in the combination with a "drop action" of what is known as an "ever-pointed pencil," the lead nozzle being, for the purpose in view, elongated so as to provide a large bearing surface for the instrument when in use.

And in order that the invention may be readily understood, we will now describe it fully with reference to the accompanying drawings, in which:

Fig 1 is a view shewing the instrument in its condition ready for use.

Fig 2 is a view of the internal mechanism, and

Fig 3 shews the lead nozzle housed within its case, or shield.

In combining a "drop action" with what is known as an "ever-pointed pencil," the lead nozzle a is elongated so that it forms an inner tube a^1 , which may or may not be milled. The inner tube a^1 fits in a sleeve b where it is retained by means of a pin a^2 passing into a longitudinal slot b^1 in the sleeve b , and which slot b^1 terminates at each end in lateral or rectangular slots b^2 , b^3 , into which the pin a^2 of the inner tube engages when the lead nozzle is in its outermost position, as shewn in Fig 2, or in its innermost position as shewn in Fig 3. The sleeve b is fitted concentrically in an outer tube c , which is slotted longitudinally at c^1 and obliquely at c^2 . This tube is provided with a pin b^4 which works in an oblique slot c^2 , and, when the butt end d of the pencil-case is pressed, operates in the well-known manner to permit the lead nozzle a , together with the inner tube a^1 , to be shot forward, or to be retired. Thus, when it is desired to use the pencil, the pencil-case is held with the lead-nozzle pointed downwards and pressure is exerted on the butt end, with the effect that a slight rotative movement is imparted to the outer tube c , so bringing the slot c^1 thereof opposite the slot b^1 in the sleeve b , and permitting the pin a^2 on the inner tube a^1 to travel down the longitudinal slots b^1 , c^1 , and the lead nozzle to be ejected. To retire the lead nozzle a and its inner tube a^1 , the pencil-case is reversed, that is to say, it is held with the lead nozzle pointing upwards, and pressure is exerted upon the butt end d , where-

Improvements in or relating to Pencil Cases.

upon the outer tube *c* will be slightly rotated so causing the slots *c*¹, *b*¹, to coincide, or come one opposite the other, as above described, and the inner tube, together with the lead nozzle, to fall, by gravity, back into the case. Thus, when the instrument is in use, a large bearing surface is provided by
5 the inner tube *a*¹ which enables the user to obtain a firm pressure on the lead nozzle when writing, and to maintain the same rigidly in position.

In some cases the butt end *d* may be adapted to carry refills.

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

1. In a pencil-case combined with a "drop action" and an "ever-pointed pencil," providing the lead nozzle of the "ever-pointed pencil" with an elongated portion whereby, when the pencil-case is in use, a firm pressure or grip is obtained on the instrument, substantially as described.
- 15 2. The improved pencil-case as described with reference to the accompanying drawings.

Dated this 2nd day of December 1907.

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

Fig. 1.

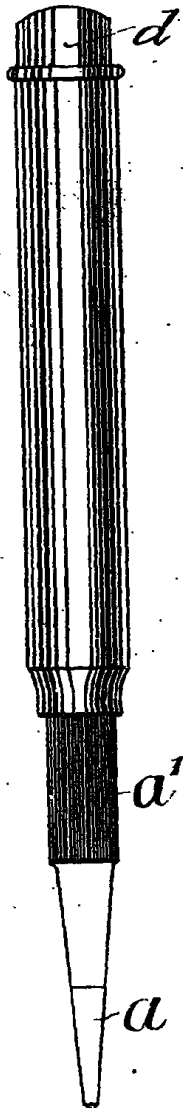


Fig. 2.

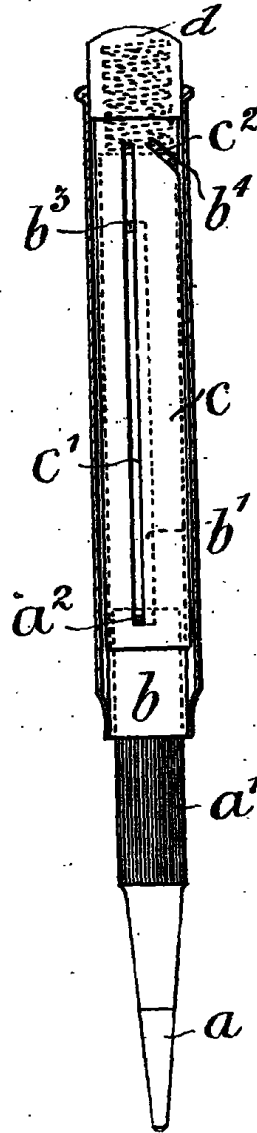
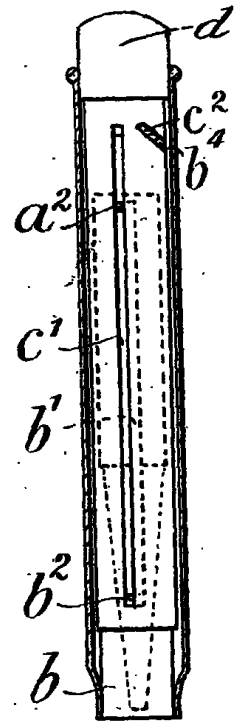


Fig. 3.



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