

PATENT SPECIFICATION



Convention Date (Germany) : Feb. 28, 1929.

336,190

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COMPLETE SPECIFICATION.

Improvements in or relating to Propeller Pencils.

We, CLAUD JOHANNES VOSS, CHRISTIAN LAUSEN and WILHELM GEORG HUBERT DZIAMBOR, all of German Nationality, trading as SIMPLO, FÜLLFEDER GESELLSCHAFT VOSS, LAUSEN & DZIAMBOR, of Schanzenstrasse 75/77, Hamburg, Germany, 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:—

Existing propeller pencils in which the lead is propelled by a pin or plunger moving within a guide are open to the objection that the lead when writing has the tendency to rotate owing to the pressure exercised by the hand, which tendency is found to be inconvenient.

According to the present invention this drawback is avoided by roughening the abutting faces of the propeller pin and the writing lead, or giving these faces unevennesses. There is thus ensured a good hold in that in propelling the lead by the pin the unevennesses of the abutting faces engage one another and offer so much resistance to rotation that the lead cannot rotate; that is, the lead is clutched to the pin or plunger.

Fig. 1 of the accompanying drawing is a longitudinal section of that part of the pencil in which the propeller pin abuts against the lead.

Fig. 2 is an end view of the pencil.

As usual, the barrel *a* is screwed to the tip *b* forming the guide of the writing lead *d*, which is propelled by the pin *c*. The pin *c* is provided with unevennesses *e* on its front face, and the rear face of the lead *d* abutting against the end of the pin *c* is also provided with unevennesses, so that the unevennesses of the two abutting faces engage one another on contacting. By this means the lead is prevented from rotating, while the pencil is in use. The unevennesses *e* may be effected in various ways, for instance, by providing the faces in question with ribs or with teeth similar to a rose-bit, by knurling, roughening, or the like.

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 what we claim is:—

A propeller pencil in which the abutting faces of the propeller pin and the lead are provided with unevennesses such as teeth, knurls, ribs, roughenings, or the like.

Dated this 10th day of February, 1930.

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121, West George Street, Glasgow, &
65/66, Chancery Lane, London, W.C. 2,
Applicants' Agents.

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[Price 1/-]

[This Drawing is a full-size reproduction of the Original]

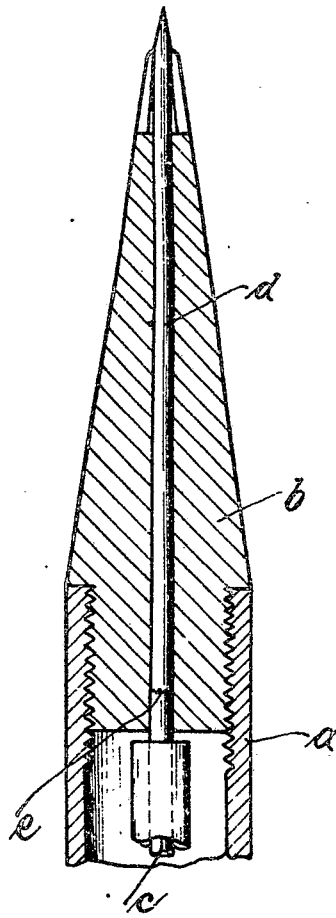


Fig. 1

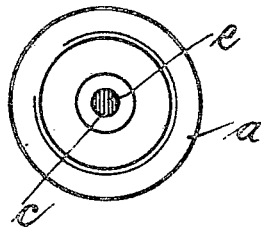


Fig. 2