

Nov. 24, 1931.

W. G. H. DZIAMBOR

1,833,244

MAGAZINE PENCIL

Filed Feb. 27, 1930

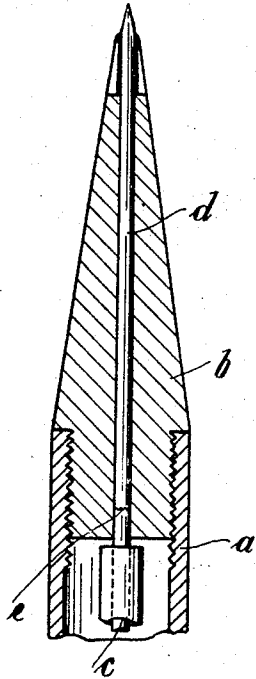


Fig. 1.

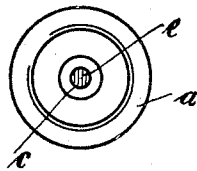


Fig. 2.

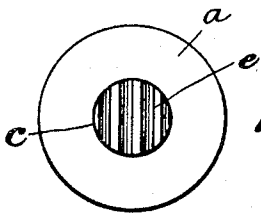


Fig. 3.

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MAGAZINE PENCIL

Application filed February 27, 1930, Serial No. 431,936, and in Germany February 23, 1929.

Certain of the existing magazine 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 unevenness 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 drawings 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.

Fig. 3 is a plan view on an enlarged scale showing the corrugations on the face of the pin *c*.

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.

I claim:

A magazine pencil in which the abutting faces of the propeller pin and the lead are each provided with a plurality of serrations adapted for interengagement.

In testimony whereof I have signed my name to this specification.

WILHELM GEORG HUBERT DZIAMBOR.