

W. P. SNYDER.
SELF POINTING PENCIL.
APPLICATION FILED SEPT. 10, 1912.

1,066,333.

Patented July 1, 1913.

Fig. 1.

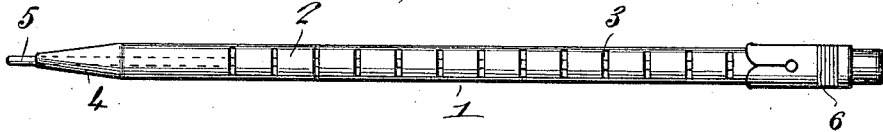


Fig. 2.

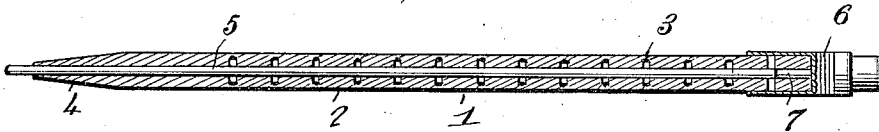
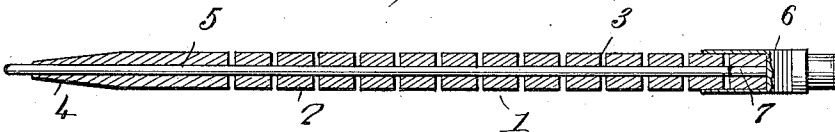


Fig. 3.



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SELF-POINTING PENCIL.

1,066,333.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM P. SNYDER, a citizen of the United States, residing at Ashland, in the county of Schuylkill and State of Pennsylvania, have invented new and useful Improvements in Self-Pointing Pencils, of which the following is a specification.

The present invention relates to improvements in lead pencils, the object of the invention is to provide a simple and cheap construction of pencils wherein the lead will be at all times projected a distance from the pencil casing.

The improvement resides in constructing a lead casing which is provided with spaced weakened portions, the casing however, being of sufficient strength to permit of the free use and handling of the same without severing any of the sections, and the lead within the casing serving as a reinforcement for the said casing; the device being further provided with a removable cap having a central pin or lead follower which is adapted to contact with the lead within the casing to force a portion thereof through the pointed end of the casing; and whereby when the lead extension is broken or worn, the outermost portion of the casing may be severed from the remainder thereof after the cap has been removed, and the cap replaced to have its follower project an additional portion of the lead through the pointed end of the casing.

In the accompanying drawing forming part of this specification and in which like numerals designate corresponding parts throughout, Figure 1 is a view of a pencil constructed in accordance with the present invention. Fig. 2 is a central longitudinal sectional view through the same. Fig. 3 is a similar sectional view illustrating the outermost weakened portion of the pencil being removed, and the cap reinserted upon the casing to extend the pencil point through the pointed end of the casing.

Referring now to the drawing in detail, the numeral 1 designates the pencil casing, which may be constructed of any desired or preferred material, and which is formed of a plurality of spaced sections 2, each connected with the other through the medium of a weakened or depressed portion 3. The casing has one of its ends pointed as at 4. The pointed end of the casing is of a greater

length than any of the sections 2, and the numeral 5 designates the pencil lead which is arranged within the casing. This lead is adapted to be frictionally contacted by the sections providing the casing to prevent a free sliding movement of the lead, and also the said lead forms a reinforcement for the casing. The end of the pencil, opposite to that provided with the pointed extremity has removably connected thereto a cap 6, the said cap being centrally provided with an extending pin or plunger 7, which is adapted to form a follower or projector for the lead 5. When the projecting point of the lead becomes worn or broken, the cap 6 is removed from the casing and the outermost section 3 is severed from the remainder of the casing. The cap 6 is then replaced upon the casing, and the follower 7 is forced into contact with one end of the lead so as to project the opposite end of the said lead through the bore of the pointed end of the pencil.

From the above description, taken in connection with the accompanying drawing, the simplicity of the device, as well as the advantages thereof, will, it is thought, be perfectly apparent to those skilled in the art to which such inventions appertain without further detailed description.

Having thus described the invention, what I claim is:—

1. A pencil having its casing made up of a plurality of sections connected by weakened portions, a cap for the casing, and said cap being provided with a member which is normally arranged within the bore of the casing and which contacts with one end of the lead within the casing.

2. In a pencil, a casing having a pointed end and being notched to provide a plurality of spaced members, a lead within the bore of the pencil and reinforcing the members, a removable cap for the casing, and said cap being centrally provided with a pin extension which contacts with the lead, all substantially as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM P. SNYDER.

Witnesses:

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HARRY E. SALLADO.