

C. VON SCHEMNITZKY.
PENCIL.

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948,535.

Patented Feb. 8, 1910.

FIG. 1

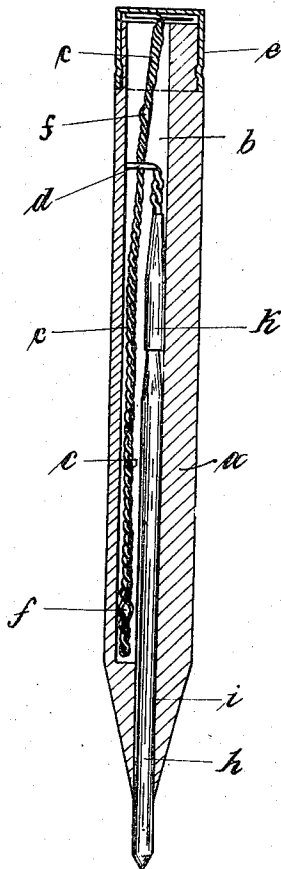
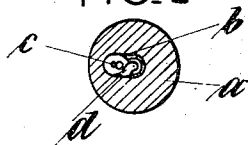


FIG. 2



Witnesses:

W. F. Farny
W. F. Farny

Inventor:

C. v. Schemnitzky

UNITED STATES PATENT OFFICE.

CARL VON SCHEMNITZKY, OF VIENNA, AUSTRIA-HUNGARY.

PENCIL.

948,535.

Specification of Letters Patent.

Patented Feb. 8, 1910.

Application filed April 3, 1908. Serial No. 424,916.

To all whom it may concern:

Be it known that I, CARL VON SCHEMNITZKY, a subject of the Emperor of Austria-Hungary, and resident of Vienna, Austria-Hungary, have invented certain new and useful Improvements in Pencils, of which the following is a specification.

This invention relates to an improved pencil as shown in the accompanying drawing, in which:—

Figures 1 and 2 show a longitudinal and a cross section respectively.

The pencil comprises a casing *a* which has a longitudinal cavity *b* or elongated cross sectional area (see Fig. 2). In the cavity the lead *h* is located so that its point projects through a central boring *i* of the casing. Beside the lead *h* a wire screw *c* consisting of twisted wires is also inserted in the cavity *b*, one end of said screw being fixed to the cap *e* which closes the cavity *b* at the top of the casing *a* and is rotatably movable on the latter. The end of the lead *h* is firmly inserted in a shell *k* which carries on its upper end an eye *d*. Said eye is so designed that it tightly incloses said wire screw *c* so that when the latter is rotated by turning the cap *e* on the casing *a* the eye *d* with the shell *k* and the lead *h* therein is drawn up or down in the cavity *d*. This latter, owing to its elongated area, does not allow of a rotation, but of only an upward or downward move-

ment of the eye *d*, whereby the lead *h* can always be adjusted to the required position. The wire screw *c* has in proximity to its upper fixed end, and also to its lower free end, a widened part *f* so as to limit by these the up and down movement of the eye *d*. Said eye *d* consists of a wire loop attached to the shell *k* (as shown in Fig. 1).

Having fully described my invention, what I claim and desire to secure by Letters Patent is:—

An improved adjustable lead pencil, comprising the combination, of a rotatably supported metal cap, a screw consisting of twisted wires attached to said cap, a lead carrier, a loop of twisted wire attached to said carrier and running on said screw, bulges in said screw to prevent said loop from having too much play, and a wooden casing in which said screw, lead carrier and loop attached thereto, are inserted, said casing bearing the said rotatably supported metal cap at one of its extremities, substantially as described and shown, and for the purpose set forth.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

CARL VON SCHEMNITZKY.

Witnesses:

JOSEF RICHARD BISE,

ROBERT W. HEINGARTNER.