No. 831,480. PATENTED SEPT. 18, 1906.

A. L. SEARLE.

PENCIL CASE.

APPLICATION FILED MAY 14, 1906.

Fig. 1.

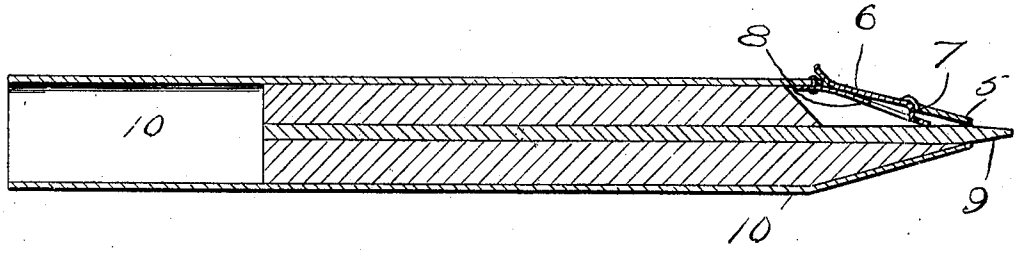


Fig. 2.

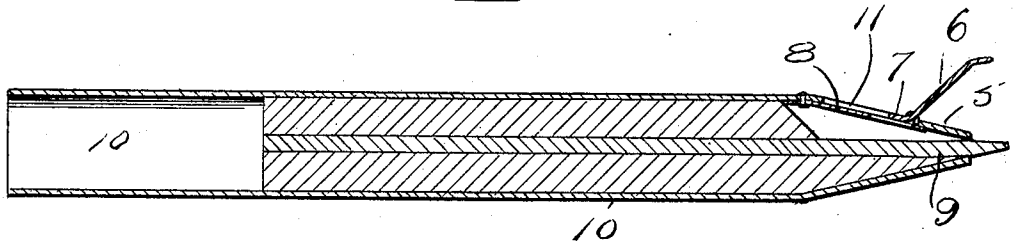
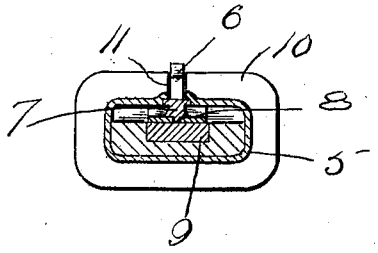


Fig. 3.



Witnesses

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ARTHUR L. SEARLE, OF METHUEN, MASSACHUSETTS.

PENCIL-CASE.

No. 831,480. Specification of Letters Patent. Patented Sept. 18, 1906.

Application filed May 14, 1906. Serial No. 316,816.

To all whom it may concern:

Be it known that I, ARTHUR L. SEARLE, a citizen of the United States, residing at Methuen, in the county of Essex, State of Massachusetts, have invented certain new and useful Improvements in Pencil-Cases; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention has reference to lead or crayon holders for pencils; and it has for its object the provision of means of exceeding simplicity of construction and manner of operation and at the same time highly efficient in the performance of its functions.

The invention consists in forming a recess in the tubular casing and equipping it with a lever provided with a cam constructed and arranged so that when the lever is rocked on its fulcrum the cam will be moved to press upon the lead or crayon and lock it against movement, a plate being interposed between the cam and lead to protect the latter against abrasion or other damage, leaving the lead completely intact, so far as the action of the lever goes.

The drawings connected herewith form a part of this specification and illustrate a practical embodiment of the invention, though I may employ the same means in a different form for accomplishing the same ends.

Of the said drawings, Figure 1 is a longitudinal sectional view of my invention, showing the lever as down and clamping the marking-lead through the intervention of the aforesaid plate. Fig. 2 is a view similar to Fig. 1 with the clamping-lever raised. Fig. 3 is a transverse section.

Similar characters of reference designate the same parts or features, as the case may be, wherever they occur.

My invention is particularly applicable to "carpenters' pencils," so called because of their form and because of the great saving that can be effected thereon by the invention, though it will appear obvious that the invention can be applied to any form of pencil wherein the marking-lead is or can be made movable longitudinally in its casing.

In carrying out my invention I provide a band or sleeve 5, that may encircle the pencil at a suitable place and pivot or fulcrum therein a small lever 6, provided with a cam 7, that is adapted when the lever is down to bear upon a plate 8, that is interposed between the cam and marking-lead 9, and so hold the said marking-lead against longitudinal movement in its casing 10. It will be understood, of course, that the marking-lead will be provided with a casing of some kind and that the lead will be adapted to move longitudinally in its casing independently thereof, and, moreover, that an aperture of some form will be made in the casing so that the lever can be made to operate upon the binding-plate 8 to clamp the lead in place, as before explained.

The lever 6, when down and in operative position on the marking-lead, may rest in a recess 11 of the band or sleeve or other device upon which it is pivoted, excepting at its extreme end, which projects outward sufficiently to be engaged by the thumb-nail to lift the lever. Under this construction no part of the invention is likely to catch in the clothing and make it difficult to remove the pencil from the pocket nor will there be any prominent projection to interfere with the use of the pencil.

While, as before stated, the invention is susceptible of change in form and arrangement of some of its parts, in no instance will the interposed binding-plate be dispensed with, this being an important feature of the improvement.

It is to be understood that I do not desire to be limited to the exact details of construction shown and described, for obvious modification will occur to a person skilled in the art.

What is claimed is—

In a lead-pencil, the combination with a casing having a recess or opening therein near its point, of the lead adapted to move longitudinally in and independent of the casing, a plate in said recess bearing on the lead, a band encircling the casing at the recess, a lever fulcrumed in said band and provided with a cam adapted to bear upon the plate to bind the lead in place or to be released from the plate to release the lead.

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

ARTHUR L. SEARLE.

Witnesses:

JANE H. PARR,

EDWARD H. SEARLE.