May 19, 1925. 1,538,641

J. LILJEQVIST

PENCIL ATTACHMENT

Filed Dec. 12, 1922

Fig. 1.

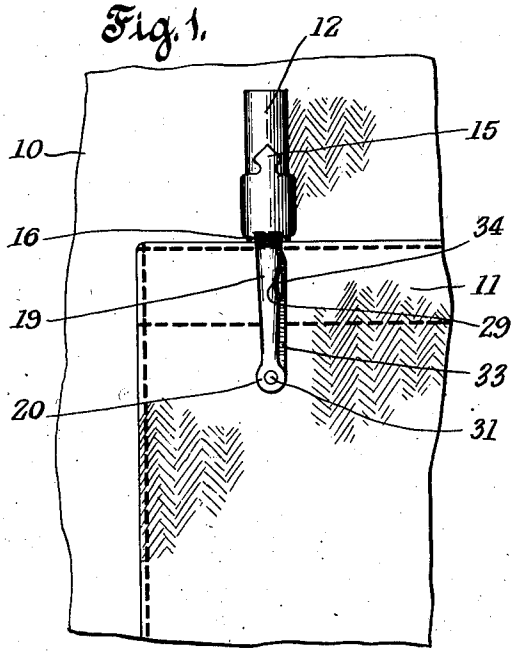


Fig. 2.

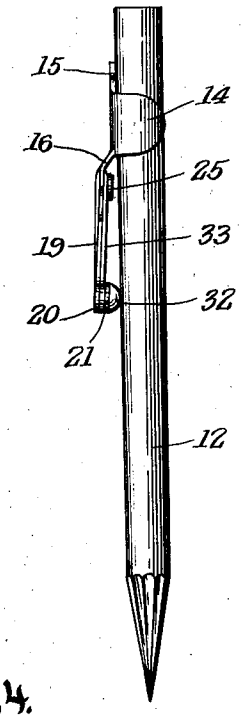


Fig. 3.

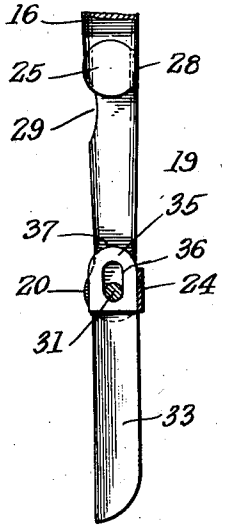


Fig. 4.

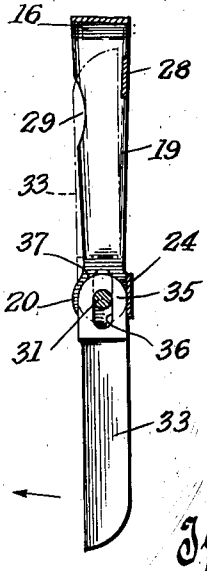
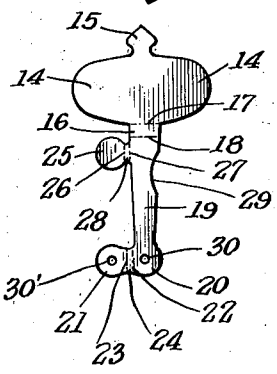


Fig. 5.



INVENTOR

John Liljeqvist

BY

Charles L. Wright

ATTORNEY

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UNITED STATES PATENT OFFICE.

JOHN LILJEQVIST, OF NEW YORK, N. Y.

PENCIL ATTACHMENT.

Application filed December 12, 1922. Serial No. 606,390.

To all whom it may concern:

Be it known that I, JOHN LILJEQVIST, a citizen of the United States, and a resident of the city, county, and State of New York, have invented certain new and useful Improvements in Pencil Attachments, of which the following is a specification.

This invention relates to improvements in knife blade carrying pencil clips and has as one of its objects to provide a clip which in addition to its usual function of securing a pencil or the like to a garment, also acts to carry a normally concealed knife that upon being extended is capable of use in sharpening the pencil and like purposes in which a keen cutting blade is required.

Another purpose of the invention is to produce means co-operating with the blade and holder clip, whereby the blade when extended is held rigidly in operative position but which permits of folding so as to obscure and protect the blade in an effective manner.

A further aim is in the provision of a device for the above purposes that is of neat and ornamental appearance, inexpensive to construct and efficient in its operation.

These several aims, objects and purposes are accomplished by the novel construction and combination of parts hereinafter described and shown in the accompanying drawing, forming a material part of this disclosure, and in which:—

Figure 1 is a front view of a clip made in accordance with the invention and indicating its application.

Figure 2 is a side view of the same in applied position, the blade being closed.

Figure 3 is an enlarged fragmentary longitudinal view of the clip, showing the knife extended and held in an operative position.

Figure 4 is a similar view of the same but showing the blade drawn forward in folding position.

Figure 5 is a plan view of the blank from which the clip is made.

In the drawing the fragmentary portion of garment is designated by the numeral 10, the same having a pocket 11 adapted to receive a pencil 12, a portion of which extends above a pocket convenient of access.

The blank from which the clip is made, as shown in Fig. 5, consists of a thin flat metal plate of key-like appearance, having a pair of wings 14 eventually curved and shaped to tensionally engage about a pencil as shown.

Extending outwardly is an ornamentally shaped lug 15, acting as a lever in holding the clip upon the pencil and from the opposite edge of the wings extends an element 16, adapted to be bent angularly upward on the line 17 and thence outward on line 18, the same connecting the spring bar 19 integrally with the wings.

The outer end of the bar 19 is formed into an enlarged pad 20 having a lateral extension 21 of similar shape, this extension being bent on the lines 22 and 23 to produce a rigid connection 24 between the pads when they are bent into parallel spaced relation.

Another pad 25, adjacent the wings, is folded along the lines 26 and 27, the connection 28 therebetween having a purpose further on explained.

The bar 19 is recessed as at 29 in the edge opposite the pad 25 and formed through the pads 20 and 21 are openings 30 and 30′ for the reception of the shank 31 of a rivet having a convex head 32 adapted to engage against the pencil and clamp any material that may be entered therebetween.

The blade 33 is of the usual pocket knife type having a nail nick 34 in its thicker edge near its rounded point. The shank 35 of the blade contains an elongated slot 36 through which passes the rivet 31, the outer end of the shank being curved as at 37 to a radius taken from the outer end of the slot and is capable of being turned on the rivet to pass closely within the inner surface of the element 24 when the knife is withdrawn to its utmost limit.

When the knife has been turned outwardly, as in Fig. 4 the same is pressed longitudinally inward, as in Fig. 3, the edge of the shank 35 making contact with the rigid wall 24, which prevents folding the blade until it has been drawn outward to pivot on the rivet 31.

The recess 29 permits ready access to the blade nick 34 so that the blade can be drawn out in the manner of a common pocket knife, and when not in use the blade is held resiliently between the spring pad 25 and adjacent surface of the bar 19, as can be seen in the broken lines in Fig. 4.

Thus all the advantages and services of

an ordinary pen knife are secured with an added convenience of having the same instantly available.

It will be understood that any preferred material may be used and the attachment finished by plating and otherwise ornamented.

Although I have described my improvements with considerable detail and with respect to certain particular forms of my invention, I do not desire to be limited to such details since many changes and modifications may well be made without departing from the spirit and scope of my invention in its broadest aspect.

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

A pencil attachment of the class described formed of a single, substantially key-shaped metal plate, wings near the upper end of said plate adapted to be bent to tensionally engage about a pencil, an upper pointed lug on said plate adapted to engage the pencil under leverage, a recessed spring bar integral with said plate, a pad adjacent said wings adapted to be folded against said spring bar for guiding and holding a sharpener blade, an enlarged, perforated pad at the lower end of said bar, a perforated extension integral with said enlarged pad and adapted to be folded into parallel spaced relation with said pad, the openings in said pad and extension alined to receive a rivet on which said sharpener blade is pivoted, and means for preventing an accidental folding of the knife when in its working position.

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

JOHN LILJEQVIST.