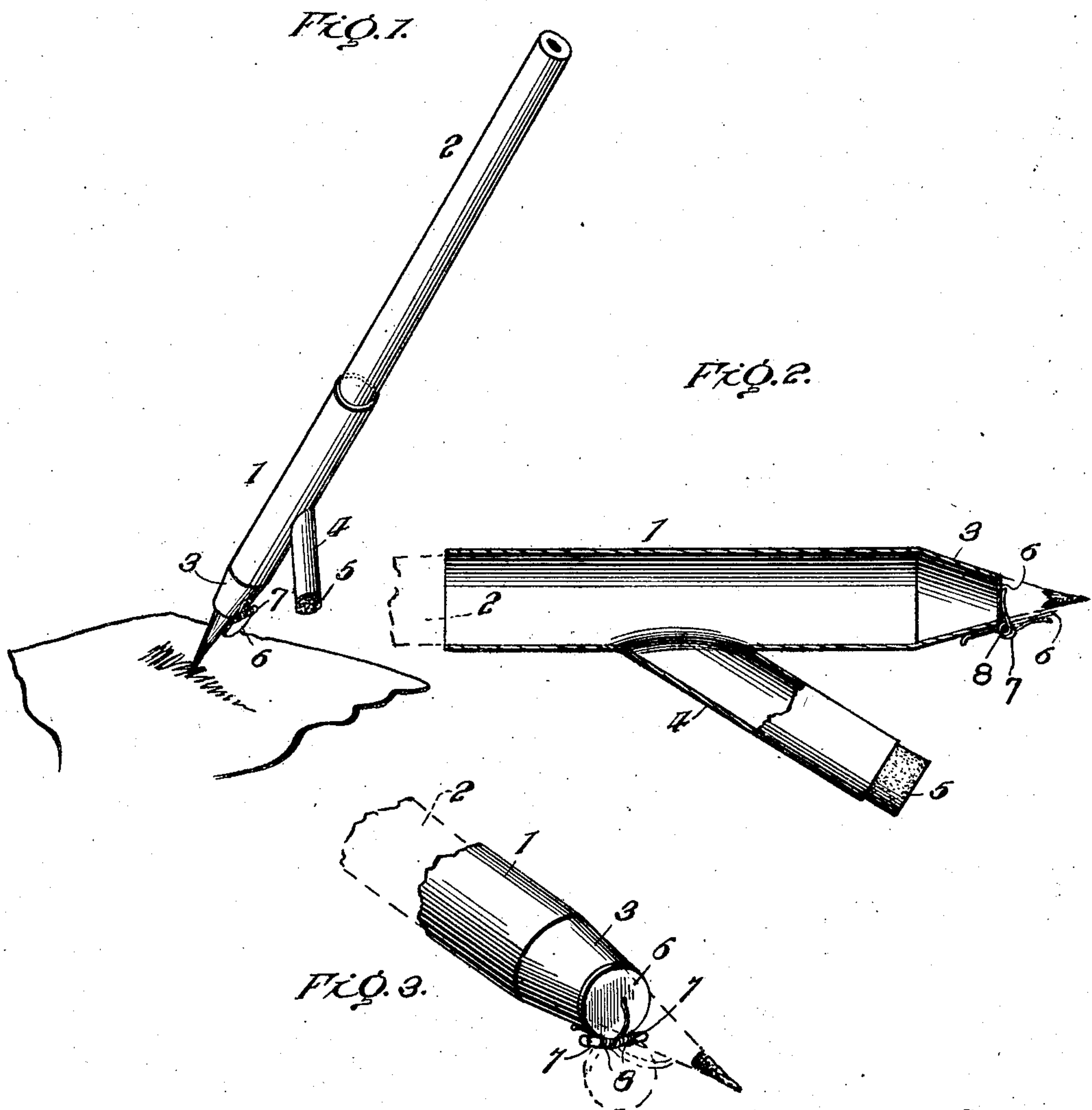


No. 833,744.

PATENTED OCT. 23, 1906.

R. A. KOEHLER.  
PENCIL ATTACHMENT.  
APPLICATION FILED MAY 4, 1906.



Inventor

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Witnesses

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# UNITED STATES PATENT OFFICE.

RAYMOND A. KOEHLER, OF JASPER, INDIANA.

## PENCIL ATTACHMENT.

No. 833,744.

Specification of Letters Patent.

Patented Oct. 23, 1906.

Application filed May 4, 1906. Serial No. 315,243.

*To all whom it may concern:*

Be it known that I, RAYMOND A. KOEHLER, a citizen of the United States, residing at Jasper, in the county of Dubois and State of Indiana, have invented certain new and useful Improvements in Pencil Attachments, of which the following is a specification.

The object of this invention is to provide a simple attachment for pencils to facilitate making erasures should mistakes be made in writing with the pencil, and the invention embodies also special means for protecting the point of the pencil to avoid accidental breakage thereof when not in use.

For a full understanding of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and accompanying drawings, in which—

Figure 1 is a perspective view showing the invention applied. Fig. 2 is a vertical sectional view of the attachment alone. Fig. 3 is a detail perspective view showing an end portion of the attachment and bringing out more clearly the form of the closure therefor.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

In carrying out the invention the attachment comprising the same consists mainly of a sleeve 1, adapted to fit over the sharpened end of a pencil 2 and open at its opposite ends. Said sleeve 1 tapers at one end, as shown at 3, so as to conform somewhat with the tapered formation of the pencil at that end which is ordinarily sharpened, the tapered portion 2 also limiting the movement of the sleeve longitudinally of the pencil when it is placed in position thereon. Leading off from a side of the sleeve 1 is a tubular extension 4, which is inclined so as to occupy a position preferably somewhat at an acute angle to the sleeve 1, not only forming a sort of finger-rest, but being adapted to receive at its outer end a suitable eraser 5 in the form of a rubber tip, such as commonly provided on pencils. When the sleeve or attachment 1 is in position on the pencil, it will be obvious that the extension 4, which carries the eraser 5, is so located

with reference to the point of the pencil that it is not necessary to reverse the latter in order to erase whenever it is necessary. The provision of the part 4, therefore, enables the user of the pencil to accomplish an erasing operation much more easily and conveniently than admissible when the common eraser at the butt-end of the pencil is employed.

As before premised, means for obviating likelihood of breakage of the point of the pencil is also included in the invention. This means is comprised in the provision of a cap 6, which is pivoted to the open extremity of the tapered portion 3 of the sleeve 1. The cap 6 is adapted to close the open end of the tapered portion 3 when the sleeve 1 is so adjusted that the point of the pencil is entirely received therein, and when the cap 6 is closed likelihood of the point of the pencil being broken when it is not in use—for instance, when in the pocket of the user—is entirely eliminated. The cap 6 is of a peculiar form, being preferably spring-actuated, so as to automatically close as the sleeve 1 is forced longitudinally of the pencil to bring the point of the latter entirely within the same. The sleeve 1 is formed with lateral tubular projections 7, which receive small lateral pintle members 8, projecting from the cap 6 to establish the pivotal connection between the cap and the sleeve.

The operation of the invention will be clear in view of the foregoing, and it will be observed that a very simple and cheaply-constructed attachment, possessing many advantages both from the standpoint of actual use and as an article of manufacture, is secured.

Having thus described the invention, what is claimed as new is—

1. In combination, a pencil, a sleeve applied thereto, and an automatically-closing cap for the sleeve arranged to close one end thereof when the point of the pencil is drawn entirely in the sleeve.

2. In combination, a pencil, a sleeve applied thereto, an automatically-closing cap for the sleeve arranged to close one end thereof when the point of the pencil is drawn entirely in the sleeve, a tubular extension pro-



jecting at an acute angle from the sleeve, and an eraser in the outermost extremity of said extension.

3. In combination, a pencil, a sleeve applied thereto, an automatically-closing cap for the sleeve arranged to close one end thereof when the point of the pencil is drawn entirely in the sleeve, springs for effecting the

automatic movement of the cap, and means pivotally connecting the cap with the sleeve. 10

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

RAYMOND A. KOEHLER. [L. s.]

Witnesses:

F. BERNARDE,  
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