

(No Model.)

L. S. BACON.

RUBBER TIP ATTACHMENT FOR PENCILS.

No. 379,844.

Patented Mar. 20, 1888.

Fig. 1.

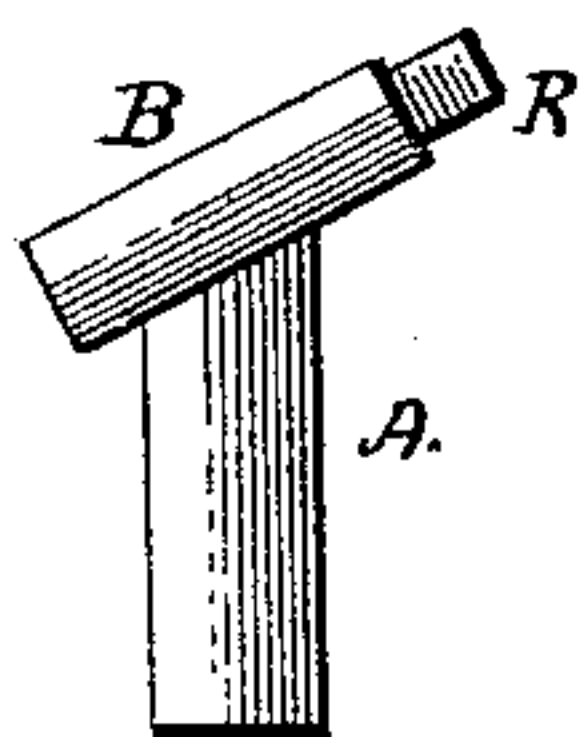


Fig. 2.

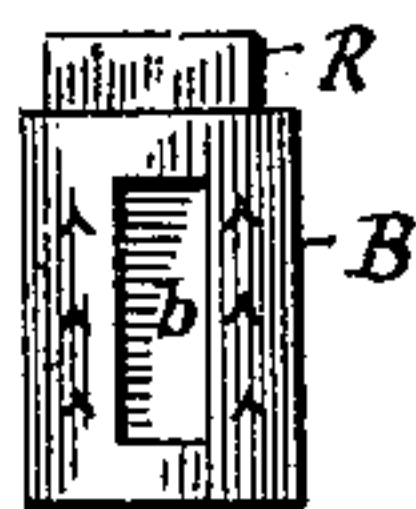


Fig. 3.

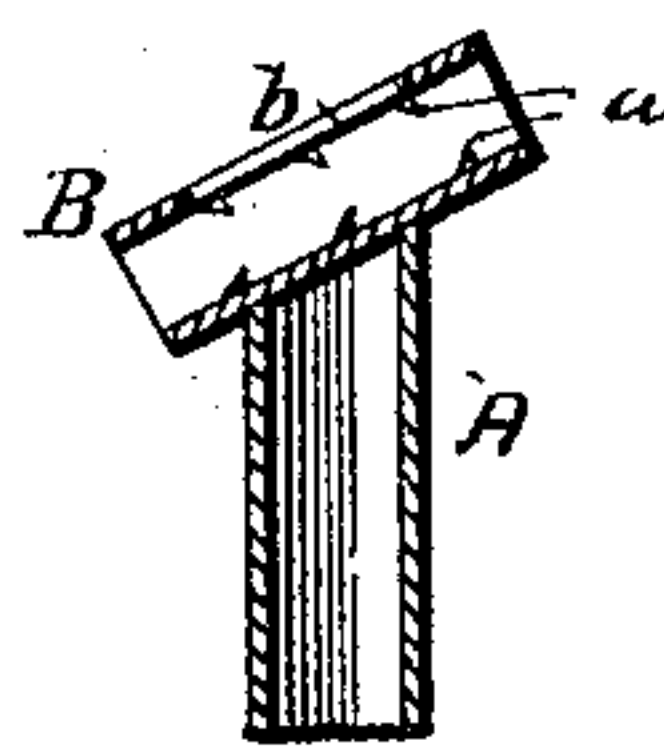


Fig. 4.

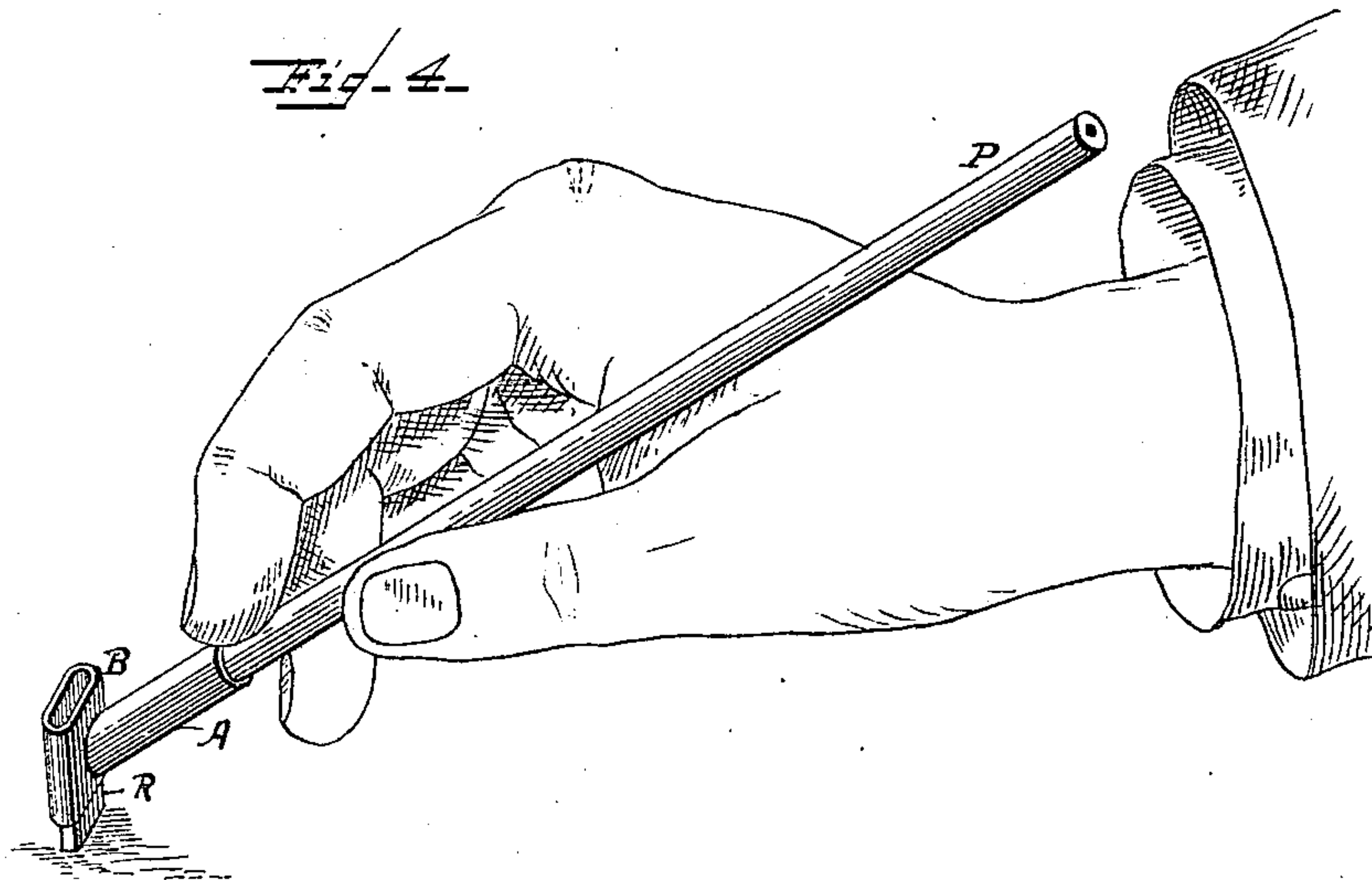
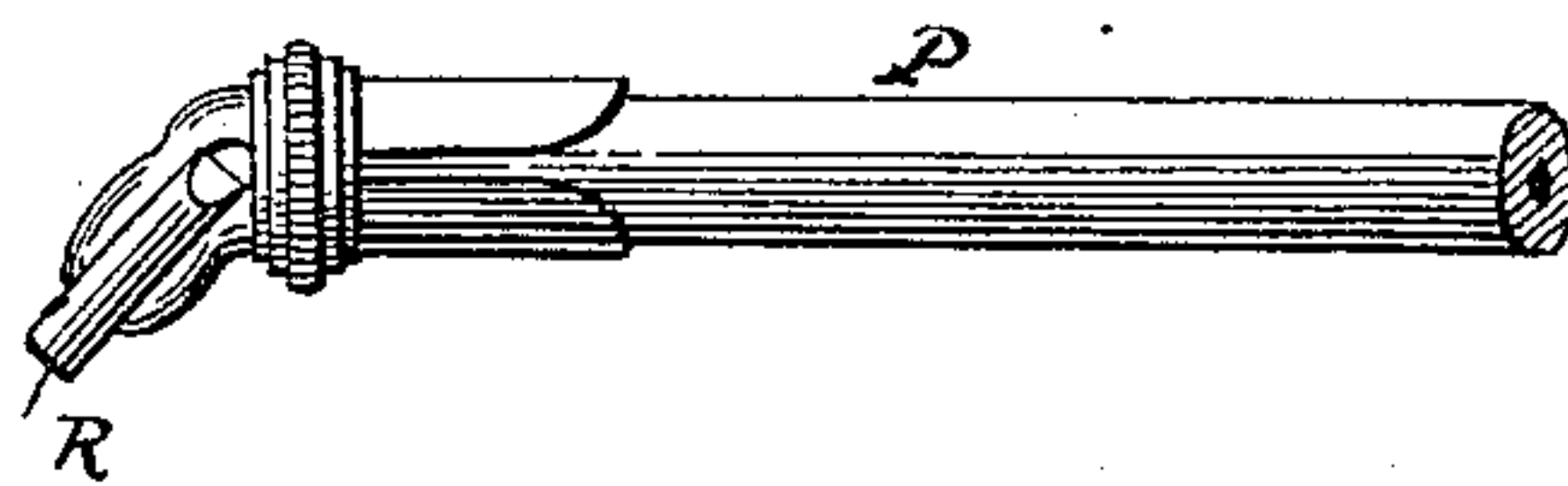


Fig. 5.



WITNESSES.

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RUBBER-TIP ATTACHMENT FOR PENCILS.

SPECIFICATION forming part of Letters Patent No. 379,844, dated March 20, 1888.

Application filed January 19, 1888. Serial No. 261,289. (No model.)

To all whom it may concern:

Be it known that I, LEVI S. BACON, of Washington city, in the District of Columbia, have invented a new and useful Improvement in Rubber-Tip Attachments for Pencils and the Like, of which the following is a specification.

The characteristic feature of this invention is that the rubber or erasive material is so fixed and secured to the attachment that it stands in a laterally-inclined position with respect to the pencil-receiving socket of said attachment, the preferred angle of inclination being such that when the pencil is held in the hand in the slanting position it naturally occupies when in use the rubber will be at about right angles with the paper or other material upon which it is to act.

The nature of my invention and the manner in which it is or may be carried into effect will be readily understood by reference to the accompanying drawings, in which—

Figure 1 is a side elevation of the attachment. Fig. 2 is a top view of the rubber-holding socket. Fig. 3 is a longitudinal axial section of the attachment. Fig. 4 is a perspective view of the attachment, showing its position when in use. Fig. 5 is a view of one of the many modified forms of the invention which may be employed.

In the attachment shown in Figs. 1 to 4, inclusive, A is the usual socket to fit upon the end of the pencil P or other article to which the attachment may be applied. At an oblique angle to this socket stands the rubber-holding device, consisting in this instance of a flattened tube, B, of a size and shape to receive and hold the block or tablet, R, of rubber or erasive material. This socket may, if desired, be provided internally with inclined teeth or detents *a*, struck up from the metal of socket, which will prevent the rubber tablet from being pushed back into its socket by pressure upon its front end, and which will at the same time permit the rubber to be advanced as it wears away. The rubber can thus be advanced by pushing it forward by some implement inserted through the open rear end of the socket, or through an opening, *b*, formed for that purpose (if desired) in the top of the socket. With the rubber thus placed with relation to the pencil-socket A, it will be noticed that in using the rubber its acting edge can be

brought down vertically upon the surface of the paper or other material to be operated on, (which is the most desirable position for the rubber in practice,) while at the same time the pencil P can be held in the natural slanting position in which a pen or pencil is held when in use. This is impossible with the ordinary rubber-tip attachment. With the latter the rubber must always be at the same inclination as the pencil, so that in order to bring the edge of the rubber at right angles to the paper it becomes necessary to raise the pencil to a corresponding vertical position, which of course is exceedingly awkward as well as inconvenient.

This feature may be applied to the various forms of rubber-tip attachments for pencils and the like now in the market—for instance, to such attachments as have jaws. An example of this is shown in Fig. 5, in which the attachment, with the exception of the inclination given to the jaws, is similar to that described in Letters Patent No. 345,865, of July 20, 1886.

It is not necessary that the attachment should be removable from the pencil, for it may be a fixture thereon, what is essential being that the rubber should be so affixed and held that it shall be laterally inclined with respect to the pencil.

Having described my invention and the manner in which the same is or may be carried into effect, what I claim herein as new and of my own invention is—

1. A pencil provided at one end with a block, stick, or tablet of rubber or erasing material rigidly secured in a position laterally inclined with respect to the pencil, as and for the purposes hereinbefore set forth.

2. A rubber-tip attachment for lead-pencils provided with a pencil-receiving socket and a laterally-inclined rubber-containing socket fixed to said pencil-receiving socket, so that the rubber contained in the attachment will be maintained in an inclined position with respect to the pencil-receiving socket, as and for the purposes hereinbefore set forth.

In testimony whereof I have hereunto set my hand this 14th day of January, 1888.

LEVI S. BACON.

Witnesses:

EWELL A. DICK,
MARVIN A. CUSTIS.