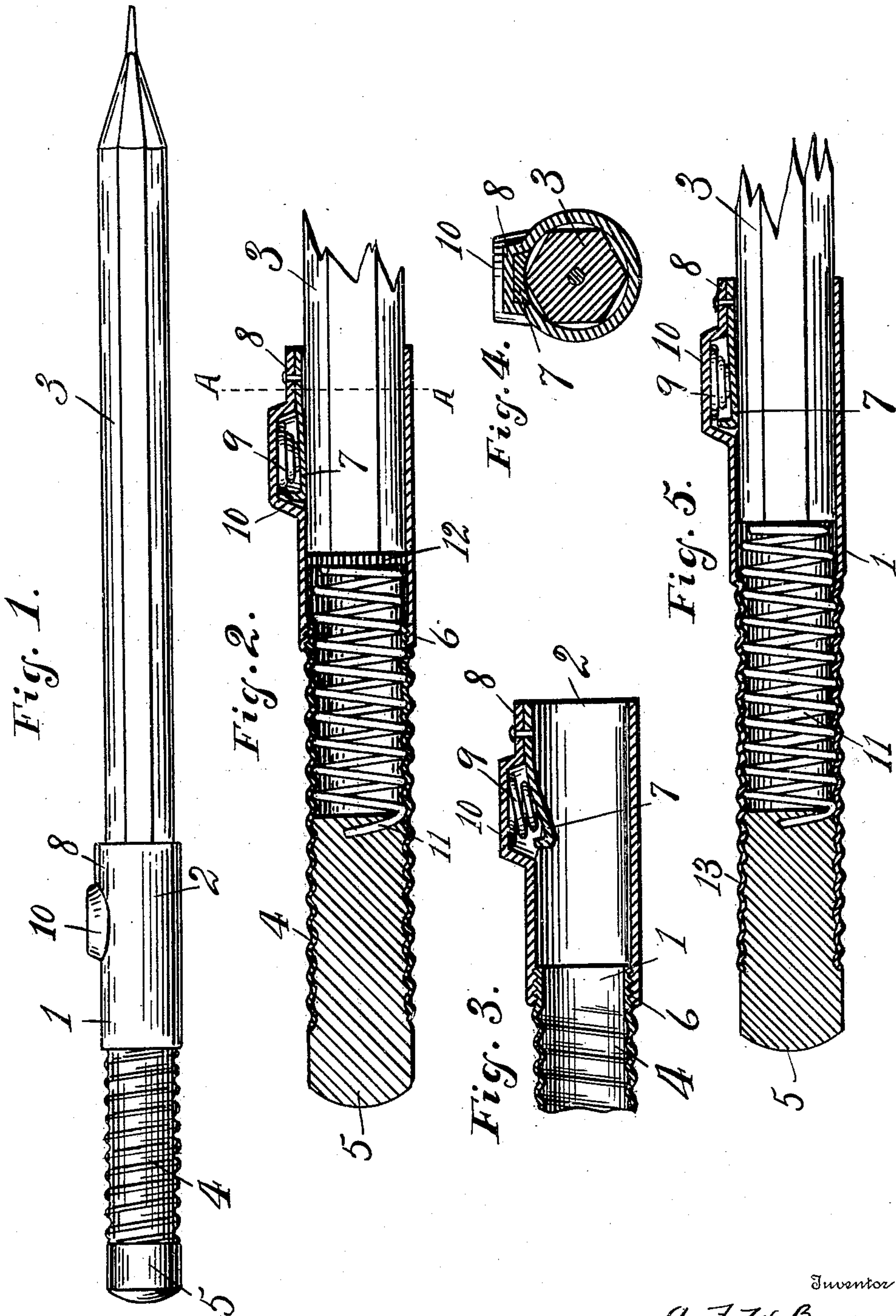


A. F. W. BOWEN.
ATTACHABLE ERASER HOLDER FOR PENCILS.
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Patented Apr. 6, 1909.



Witness
K. Lockwood-Nevins
Brian G. Gifford

Inventor
A. F. W. Bowen
By
J. M. Wright,
Attorney

UNITED STATES PATENT OFFICE.

ANNIE F. WILSON BOWEN, OF SAN FRANCISCO, CALIFORNIA.

ATTACHABLE ERASER-HOLDER FOR PENCILS.

No. 916,987.

Specification of Letters Patent.

Patented April 6, 1909.

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To all whom it may concern:

Be it known that I, ANNIE F. WILSON BOWEN, a citizen of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented certain new and useful Improvements in Attachable Eraser-Holders for Pencils, of which the following is a specification.

My invention relates to an improved eraser holder for pencils, the object of my invention being to provide a device of this character in which the eraser will be securely held, in which it can be adjusted to compensate for wear in the eraser, and also to allow any desired portion thereof to project from the holder; and further one which can be attached to any pencil of ordinary size.

My invention therefore resides in the novel construction, combination, and arrangement of parts for the above ends, hereinafter fully specified and particularly pointed out in the claims.

In the accompanying drawing, Figure 1 is a side elevation showing the holder attached to a pencil; Fig. 2 is an enlarged longitudinal section of the holder showing the end of the pencil therein; Fig. 3 is an enlarged broken longitudinal section of a portion of the holder, the rubber being removed; Fig. 4 is a cross section on the line A—A of Fig. 2; and Fig. 5 is a broken longitudinal section of a modification.

Referring to the drawing, 1 represents a holder, which is made out of metal, preferably sheet metal of a suitable thickness. Said holder comprises a section 2 to receive and hold the pencil 3 and a section 4 to receive and hold the eraser 5. The sections 2 and 4 are screwed together, as shown at 6.

The means for holding the pencil 3 in the section 2 comprise a strip 7 of spring metal secured to a raised portion 8 of the section 2, the free end of said strip being pressed down by a conical coiled spring 9 received within a pocket 10 in the end of said raised portion 8.

The eraser 5 is screwed into the section 4, which has an internal thread, and said eraser is always retained firmly and securely in said section by means of a coil of wire 11, which lies in the thread of the section 4 in the manner of a screw, one end of said wire being inserted into the side of the eraser near its inner end and the other end being attached to a milled plate 12. When the eraser needs re-adjustment, the sections 2 and 4 are un-

screwed from each other, and when the milled plate 12 is turned the coil of wire acts as a screw. Thereby the eraser is moved in or out from the holder according to the direction in which the plate 12 is turned. The sections are then screwed together again. In attaching the wire to the eraser, the end of the wire is forced transversely into its side and thereby the eraser is held very securely by simple and inexpensive means which can be used for any number of erasers in succession.

In the modification shown in Fig. 5 the holder is made in one piece 13, the plate 12 is dispensed with, and the rubber is adjusted by being turned directly by hand.

The holder can be used over and over again on different pencils and with different rubbers, and the construction is such as to conveniently admit of different kinds of rubber being substituted for different purposes as desired.

I claim:—

1. A device of the character described, comprising a holder having an internally threaded portion adapted to receive an eraser, and a screw attached to said eraser being forced into the side thereof, said screw being screwed in said holder, substantially as described.

2. A device of the character described, comprising a holder having an internally threaded portion adapted to receive the eraser, a screw provided with means for holding an eraser by engaging one end thereof of said screw being screwed in said holder, the holder being constructed to receive and partially inclose said end of the eraser, substantially as described.

3. A device of the character described, comprising a holder having an internally threaded portion adapted to receive the eraser, a coil of wire lying snugly in said thread and secured at one end to said eraser, substantially as described.

4. A device of the character described, comprising a holder having an internally threaded portion adapted to receive the eraser, a coil of wire lying snugly in said thread and secured at one end to said eraser, and means for detachably securing the holder to the end of a pencil, substantially as described.

5. A device of the character described, comprising a holder having an internally

threaded portion adapted to receive the eraser, a coil of wire lying snugly in said thread and secured at one end to said eraser, a plate secured to the other end of said
5 spring, and means for detachably securing the holder to the end of a pencil, substantially as described.

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

ANNIE F. WILSON BOWEN.

Witnesses:

FRANCIS A. WRIGHT,
BESSIE GORFINKEL.