

P. SCHRAG.

PENCIL AND ERASER-HOLDER.

No. 183,710.

Patented Oct. 24, 1876.

Fig. 1.



Fig. 2.



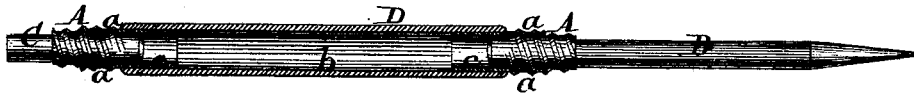
Fig. 3.



Fig. 5.



Fig. 4.



Witnesses.

Otto Stupeland.
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by

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UNITED STATES PATENT OFFICE.

PHILIP SCHRAG, OF NEW YORK, N. Y.

IMPROVEMENT IN PENCIL AND ERASER HOLDERS.

Specification forming part of Letters Patent No. **183,710**, dated October 24, 1876; application filed August 26, 1876.

To all whom it may concern:

Be it known that I, PHILIP SCHRAG, of the city, county, and State of New York, have invented a new and useful Improvement in Holders for Lead-Pencils and Rubber Erasers, which improvement is fully set forth in the following specification, reference being had to the accompanying drawing, in which—

Figure 1 represents a section of my holder when the receiver serves as a protector for a pencil. Fig. 2 is a similar section of the same when the receiver serves as a handle for a pencil. Fig. 3 is a side view of the screw-cap which receives a pencil or a rubber eraser. Fig. 4 is a section of my device when constructed to receive a pencil at one and a rubber eraser at the opposite end, both the pencil and the eraser being in position for use. Fig. 5 is a similar section of the same when the pencil and eraser are protected by the holder.

Similar letters indicate corresponding parts.

This invention consists in the combination of a screw-cap containing a pencil or rubber eraser with a receiver provided with an internal screw-thread fitting the thread of the screw-cap, so that when the screw-cap is inserted into the receiver in one direction the pencil or rubber eraser is protected by the receiver, and when the screw-cap is inserted in the reverse direction the receiver forms a handle for operating the pencil or the eraser. The receiver can be constructed with a screw in each end, so that a screw-cap containing a pencil can be inserted in one and a screw-cap containing a rubber eraser in its opposite end; and said receiver may be made entirely of metal, or it may be constructed of a paper tube having secured in its ends short tubes of metal, with internal screw-threads fitting the screw-caps, which contain a pencil and a rubber eraser, either or both.

In the drawing, the letter A designates a screw-cap, in which is firmly secured a lead-pencil, B, or a rubber eraser, C. This screw-cap co-operates with a receiver, D, which is provided with an internal screw-thread, *a*, to fit the thread of the screw-cap. Said receiver may be made entirely of sheet metal, and

closed at one end, (see Figs. 1 and 2,) and in this case it forms a holder either for a pencil or for a rubber eraser; or the receiver may be opened at both ends, as shown in Figs. 4 and 5, each end being provided with an internal screw-thread—one to receive a screw-cap containing a pencil, and the other to receive a screw-cap containing a rubber eraser. In this case I prefer to make the body of the receiver of a paper tube, *b*, in the ends of which are secured short metal tubes *c*, containing internal screw-threads to receive the screw-caps.

The screw-caps A are, by preference, made of sheet metal, the screw-threads on the same being formed by suitable dies, so that by one and the same operation internal and external threads are produced, and that said caps can be readily secured on the end of a pencil, or that a cylindrical piece of rubber can be screwed into the same.

By means of their external screw-threads, the screw-caps can readily be secured in the ends of the receiver, and they can be reversed, so that the receiver forms a protector for the pencil or eraser, or that the receiver forms a handle when the pencil or eraser is to be used.

What I claim as new, and desire to secure by Letters Patent, is—

1. The screw-cap A, formed with internal and external screw-threads, in combination with the receiver D, having the internal screw-thread *a*, said screw-cap being constructed to receive a rubber or pencil, B, as herein shown and described.

2. The combination of the receiver D, composed of a paper tube, *b*, and provided with short metal tubes *c*, having internal screw-threads, with the externally and internally threaded screw-caps *a*, secured to a pencil or eraser, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 23d day of August, 1876.

PHILIP SCHRAG. [L. S.]

Witnesses:

J. VAN SANTVOORD,
E. F. KASTENHUBER.