

J. HOFFMAN.
Lead and Crayon Holder.

No. 223,513.

Patented Jan. 13, 1880.



Witnesses:

Georgio
E. A. Dick

Inventor:

Joseph Hoffman,
by M. Bailey
his Atty.

UNITED STATES PATENT OFFICE.

JOSEPH HOFFMAN, OF NEW YORK, N. Y.

LEAD AND CRAYON HOLDER.

SPECIFICATION forming part of Letters Patent No. 223,513, dated January 13, 1880.

Application filed November 4, 1879.

To all whom it may concern:

Be it known that I, JOSEPH HOFFMAN, of the city, county, and State of New York, have invented certain new and useful Improvements in Pencil or Lead and Crayon Holders, of which the following is a specification.

In Letters Patent No. 213,569 and No. 215,521 I have described and shown a lead or crayon holder in which a tubular case or handle and lead-receiving tube are combined with clamping-jaws and a means for closing the same on the lead.

In carrying out my invention, I have generally adopted the plan indicated in my Letters Patent No. 215,521, the jaws being mounted on or forming part of a longitudinally-movable lead-containing tube or receiver, which extends through the length of the case or handle, and has on its rear end a cap projecting from the rear end of the handle. In producing the said article in a manufacturing way, I find it convenient in some instances, and economical in some respects as well, to dispense with this terminal cap, and to use a portion of the handle for the purpose, the handle being composed of sections, instead of being made in one piece, as formerly, and the one section having a longitudinal movement with respect to the other section, in order to obtain that movement of the jaw-operating device and the jaws which will cause the latter to clamp or release the lead, according to the direction of the movement.

In the accompanying drawings, Figure 1 is a side elevation of a holder embodying my improvement, and Fig. 2 is a longitudinal central section of the same.

In this holder the tubular sheath or handle A, instead of being one piece, as formerly, is divided into two sections, *a a'*. To the rear section is attached the lead-holding tube or receiver *b*, which passes loosely through the front section and terminates in the spring-jaws *c*, provided with the swells or inclines *c'*, acted on by the contracted front end, *d*, of the front section, *a'*, in the usual way. The point of junction or meeting of the two sections is covered and concealed by a ferrule or sleeve, *e*, fast to the one section and fitting around the other section snugly, but not so tightly as to prevent the latter from moving back and forth therein. The sleeve is long enough to cover

the joint between the two sections, no matter what may be their position relatively to one another. The two are capable of moving to and from one another the proper distance to permit the nozzle *d* to clamp or release the jaws, and they are prevented from becoming separated by any suitable means—as, for instance, by a washer on the forward end of the tube *b*, which brings up against the front of section *a'* when the latter has moved forward far enough.

In Fig. 2 the sections are represented as separated or moved apart in the position which they occupy when the jaws are closed. In order to open or release the jaws, it is only necessary to push the two sections together.

I prefer to use a spiral spring, *f*, interposed between the two sections, as shown, and which serves to keep them apart. The spring, however, may be dispensed with.

The line of section of the handle may be nearer to or farther from the front end of the holder than that shown in the drawings. It is also manifest that the position of the parts may be reversed—that is, the jaws may be carried by the front section and the jaw-operating device by the rear section, this being determined in great measure by the circumstances of the case, the construction and arrangement of the jaws, and the kind of jaw-operating device employed.

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

The herein-described improvement on the lead and crayon holder shown and described in Letters Patent No. 215,521, the same consisting in the combination, with the jaws and the jaw-operating devices, of a tubular sectional sheath or handle composed of two sections, the one carrying the jaws, the other the jaw-operating device, and the two being longitudinally movable to and from one another, as herein shown and specified.

In testimony whereof I have hereunto set my hand this 1st day of November, A. D. 1879.

JOSEPH HOFFMAN.

Witnesses:

C. S. BRAISTED,
M. BAILEY.