

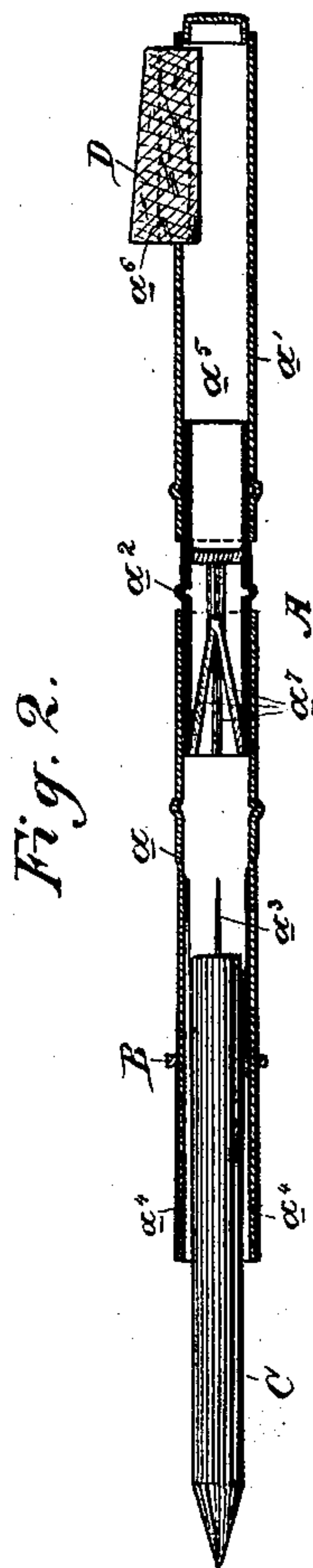
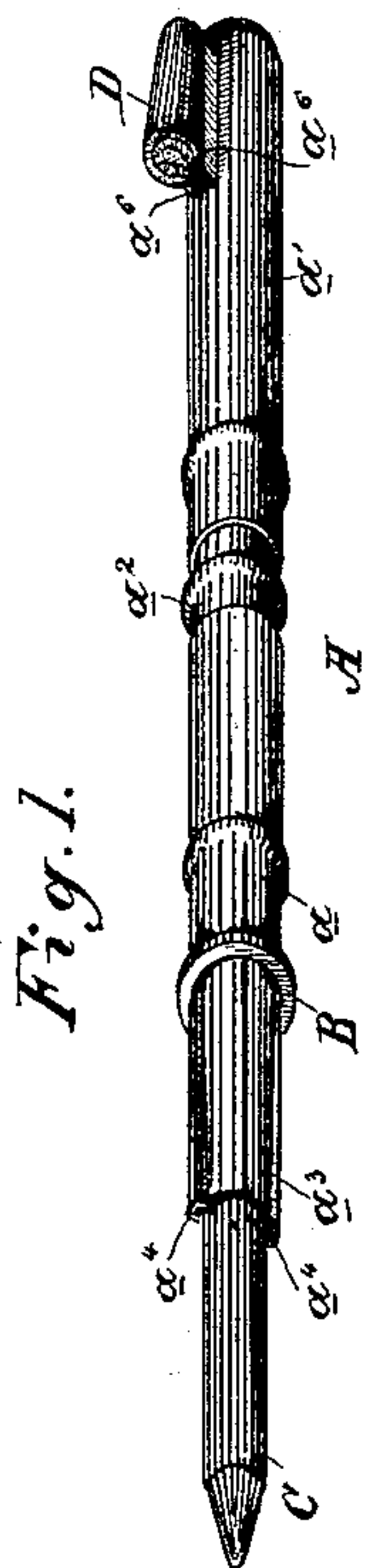
(No Model.)

W. H. OSTRANDER.

SLATE PENCIL HOLDER, SHARPENER, AND ERASER.

No. 366,791.

Patented July 19, 1887.



Witnesses,
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UNITED STATES PATENT OFFICE.

WILLIS H. OSTRANDER, OF SAN FRANCISCO, CALIFORNIA.

SLATE-PENCIL HOLDER, SHARPENER, AND ERASER.

SPECIFICATION forming part of Letters Patent No. 366,791, dated July 19, 1887.

Application filed April 23, 1887. Serial No. 235,926. (No model.)

To all whom it may concern:

Be it known that I, WILLIS H. OSTRANDER, of the city and county of San Francisco, State of California, have invented an Improvement in
5 Slate-Pencil Holders, Sharpeners, and Erasers; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to the class of school supplies; and my invention consists in a tool
10 or implement having a slate-pencil in one end, an eraser at the other end, and an intervening sharpener, said tool or implement being constructed of a stock made up of tubular telescoping sections, the end of one section being
15 provided with a grip for the pencil, the end of another section containing a well for water and carrying the eraser, which is moistened by the water, and an intervening section having within it blades or cutters, which form the
20 sharpener, all of which I shall hereinafter fully describe.

The object of my invention is to provide a tool or implement for use in schools which will carry a readily removable slate-pencil and
25 means for sharpening it, and an eraser for obliterating the marks of the pencil.

Referring to the accompanying drawings for a more complete explanation of my invention, Figure 1 is an elevation. Fig. 2 is a longitudinal
30 section of my slate-pencil holder, sharpener, and eraser.

A is the main stock. This consists of three tubular sections, one end section, which carries the pencil, being designated by a , the
35 other end section, which carries the eraser, being designated by a' , and the middle section, which carries the sharpener, being lettered a^2 . The three sections are put together by the end sections telescoping or fitting over the middle
40 section, which thus forms a union coupling, as it were. The section a has its end split, as shown at a^3 , and on the back of each of the split divisions is struck up a rib or flange, a^4 , which is inclined or tapering from the outer end,
45 where it is the thickest or highest, to the back, where it merges into the body of the section. Around this split portion is fitted a ring, B, which is adapted to travel upon the inclined ribs, thereby forcing the divisions together.
50 C is a slate pencil inserted in the end of section a and adapted to be clamped therein

firmly by setting forward the ring, which presses the divisions upon it.

I am aware, in this connection, of the old form of split tube that is used to hold a
55 crayon; but this is not provided with incline planes or ribs, so that the sliding ring has to be brought out entirely to the end in order to make the split divisions clamp the crayon. In my device it will be seen that but a slight
60 movement of the ring clamps the pencil, and as great pressure may be applied as is necessary to hold it absolutely firm. The section a' is made with its rear end closed, so that when fitted with its forward end over the center
65 section, a^2 , which is provided with a central diaphragm, a well, a^5 , is provided for containing water. The section a' , near its end, is split, and the split edges turned outwardly and form lips a^6 , into which the eraser
70 D is fitted, and in which it is secured, the inner surface of said eraser being in communication with the interior of the section. This eraser may consist of any suitable material,
75 preferably a roll of felt covered with cloth. The center section, a^2 , is provided within its forward end with the blades, knives, or cutters a^7 , between which the end of the slate-pencil is inserted, and by which it is sharpened by reducing it to a tapering point in the
80 well-known manner.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A school implement consisting of a stock
85 made of tubular sections telescoping and provided at one end with a slate-pencil and at the other end with a well or chamber for water, and an eraser in communication with said well or chamber, substantially as herein described.
90

2. A school implement consisting of a stock made of tubular telescoping sections, having at one end a slate-pencil, at the other end a well or chamber for water and an eraser in
95 communication with said well or chamber, and a sharpener for the slate-pencil within the meeting end of one of said sections, substantially as herein described.

3. A school implement consisting of a stock
100 and made of tubular end sections and a tubular center section upon which the end sections

telescope, one of said end sections carrying a
slate-pencil, the other of said end sections
forming a well or chamber for water and car-
rying an eraser in communication with said
5 well or chamber, and the center section hav-
ing within it a pencil-sharpener consisting of
blades or knives, substantially as herein de-
scribed.

4. In a school implement, a tubular stock
10 having within it a well for water, said stock
being split and having its edges raised to form

lips, and an eraser fitted between said lips and
secured therein, the inner surface of said eraser
being in communication with the well or cham-
ber for water, whereby it is kept moist, sub- 15
stantially as herein described.

In witness whereof I have hereunto set my
hand.

WILLIS H. OSTRANDER.

Witnesses:

WM. F. BOOTH,
S. H. NOURSE.