

(No Model.)

C. O. PATTERSON.

PENCIL HOLDER AND SLATE CLEANER.

No. 311,361.

Patented Jan. 27, 1885.

Fig: 1.

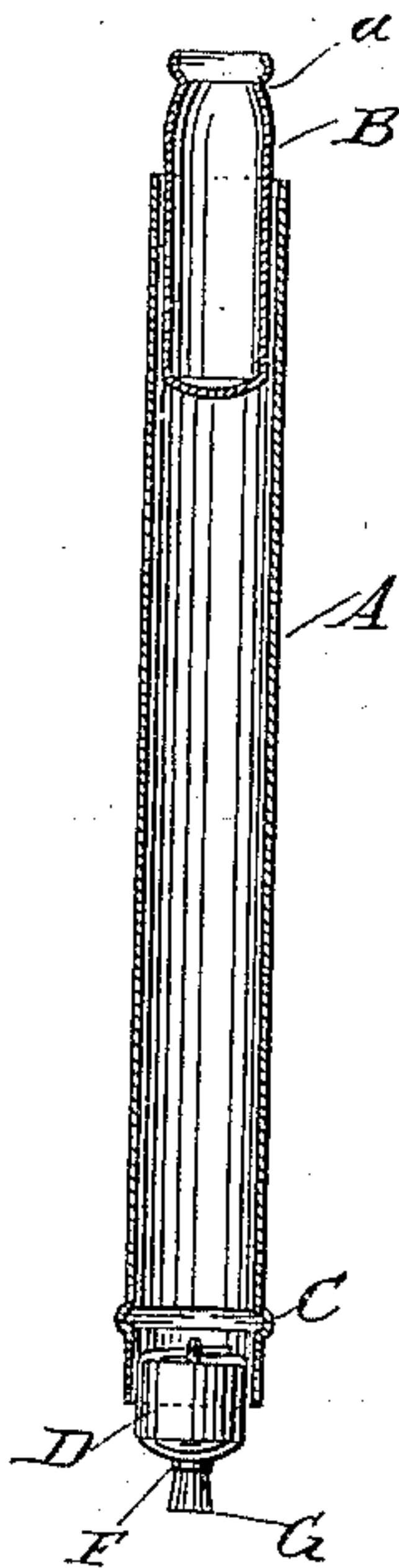


Fig: 4.

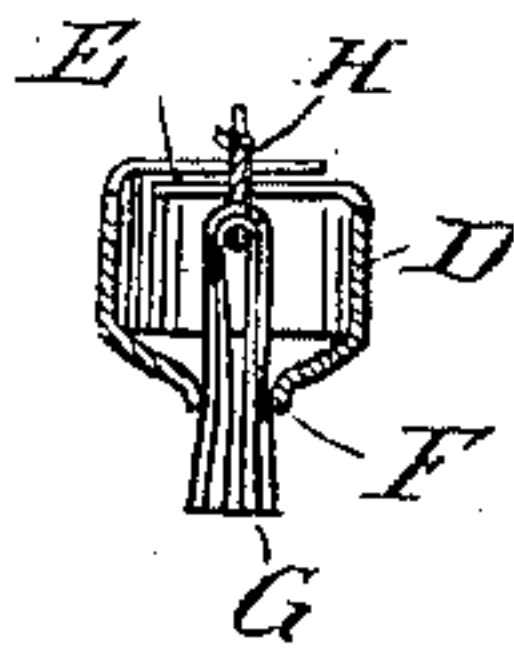


Fig: 3.

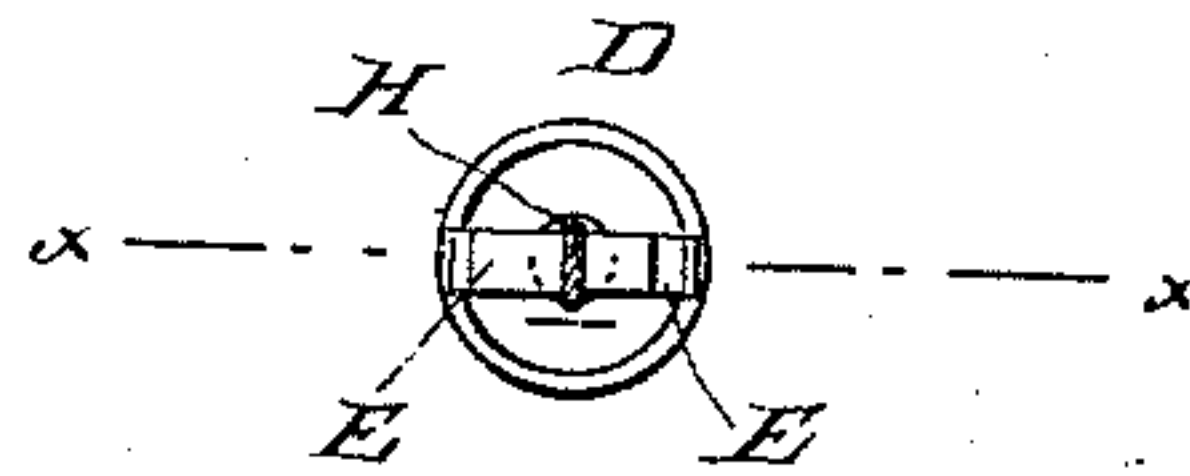
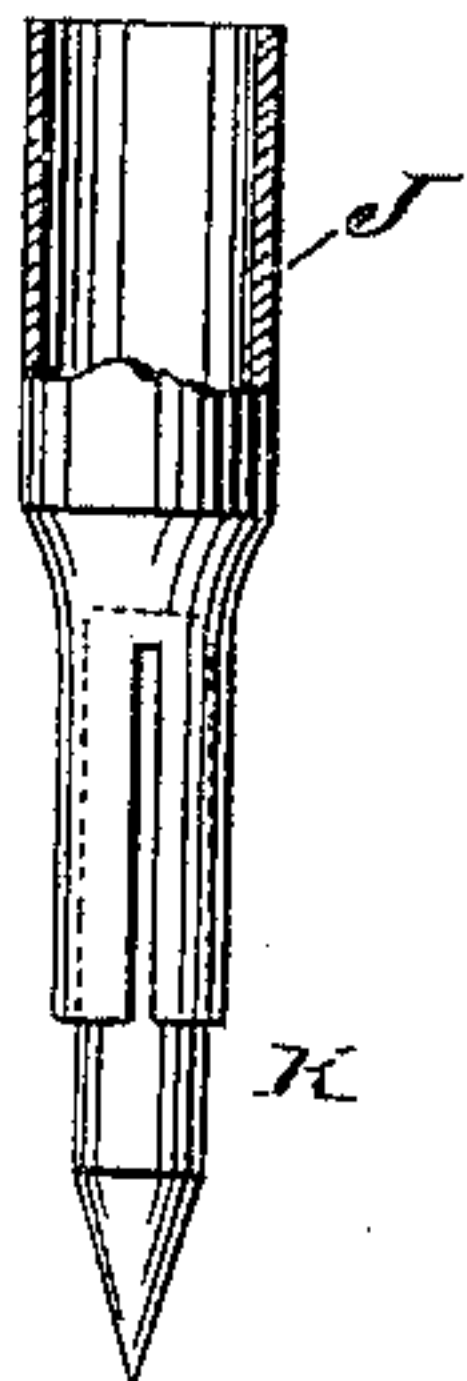


Fig: 2.



WITNESSES:

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CHARLES O. PATTERSON, OF AUGUSTA, KANSAS.

PENCIL-HOLDER AND SLATE-CLEANER.

SPECIFICATION forming part of Letters Patent No. 311,361, dated January 27, 1885.

Application filed June 20, 1884. (No model.)

To all whom it may concern:

Be it known that I, CHARLES O. PATTERSON, of Augusta, in the county of Butler and State of Kansas, have invented a new and Improved Pencil-Holder and Slate-Cleaner, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved pencil-holder provided with means for wiping figures, marks, &c., from slates.

The invention consists of the combinations of parts and their construction, substantially as hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a longitudinal sectional elevation of my improved combined pencil-holder and slate-cleaner. Fig. 2 is a longitudinal view of the pencil-holding cap, parts being broken out, and others being shown in section. Fig. 3 is a top view of the brush-holder. Fig. 4 is a cross-sectional elevation of the same on the line *x x*, Fig. 3.

A tube, A, is closed at one end by a stopper, B, made of rubber or other suitable material, and provided at its outer end with an annular groove, *a*, for receiving the nails of the thumb and of one other finger to facilitate inserting and withdrawing the stopper. A short distance from the opposite end of the tube an external bead, C, is formed. A cap, D, fitting in the end of the tube A, is provided on its inner end with two prongs, E, projecting toward each other and over the inner end of the cap, and at the opposite end the cap is provided with an aperture, F, in which a brush, G, is held, the material of which is bent in the form of a loop, through which a wire, H, passes, which also passes around the overlapping ends of the prongs E, the ends of the wire H being twisted together, thus hold-

ing the loop end of the brush G against the prongs E. A cap, J, having its outer end tapered, fits over either end of the tube, and has its tapered end slitted longitudinally to adapt it to receive and hold pencils K of different kinds and sizes.

The device is used in the following manner: The tube is filled with water, and the stopper B is placed in one end and the cap D in the opposite end. The brush G projects from the outer end of the cap D. When the pencil is carried in the pocket, the cap J is placed over the end from which the brush projects to protect the brush, the bead C serving as a stop for the cap J. If the pencil is to be used, the cap J is placed over the end of the tube in which the stopper B is held. If marks, &c., are to be erased from a slate, the brush G is rubbed over the marks, &c., and thereby a small quantity of water is permitted to pass from the tube upon the slate, and then the water is rubbed over the slate by means of the fingers, or by a sponge, rag, &c. The tube A can hold enough water for about two days: If ink is filled into the tube, it can be used as a marking-brush. In place of the brush G a small piece of sponge may be used.

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

1. The combination, with a tube, of a stopper in one end, a cap provided with a brush or wiper in the opposite end, and a cap fitting on the ends of the tube and adapted to receive and hold a pencil, substantially as herein shown and described.

2. The combination, with a tube, of a cap, D, having prongs E on the inner end, the brush G, held in the cap D, and the wire H, connecting the brush with the prongs E, substantially as herein shown and described.

CHARLES O. PATTERSON.

Witnesses:

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Y. L. PATTESON.