

(No Model.)

R. F. WALSH.

SLATE FRAME.

No. 270,163.

Patented Jan. 2, 1883.

Fig: 1.

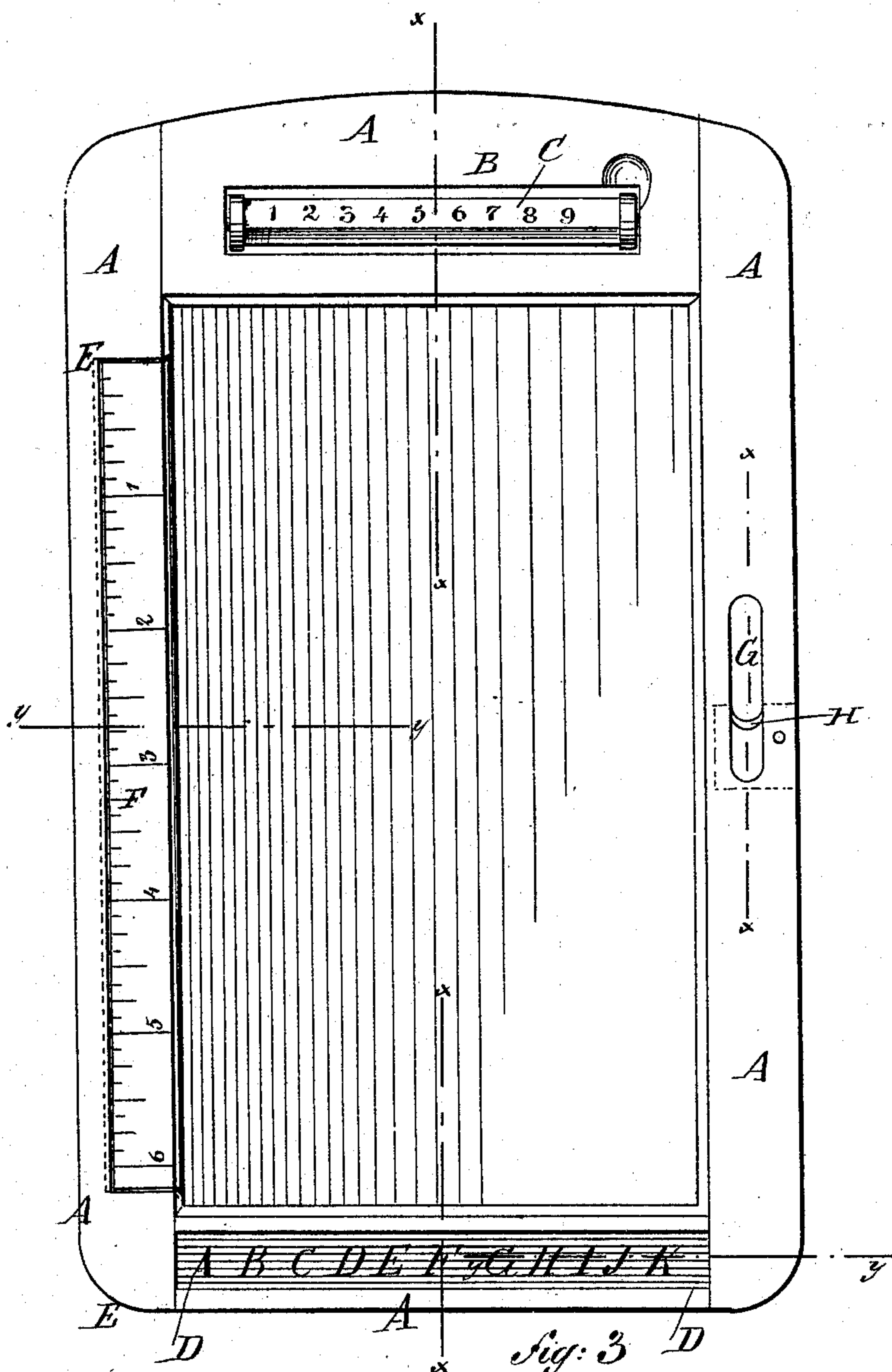


Fig: 2.

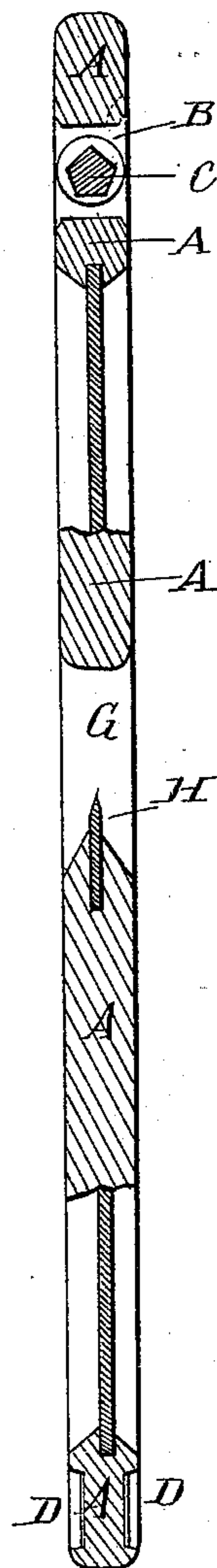
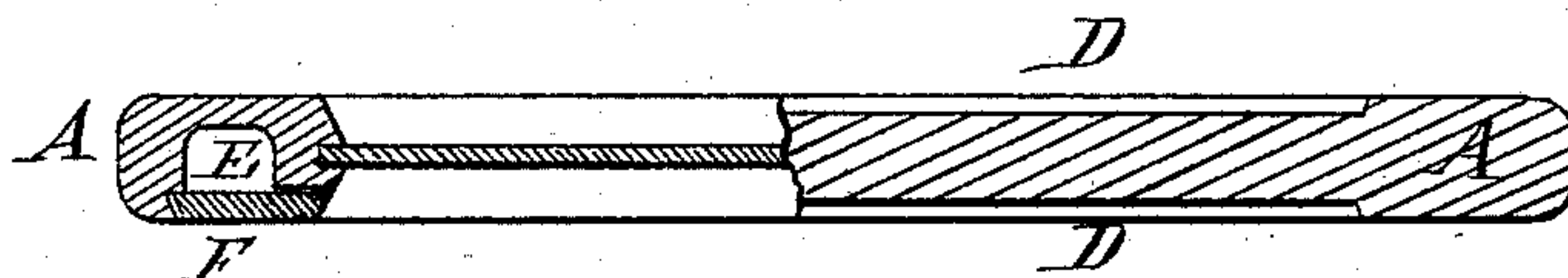


Fig: 3.



WITNESSES:

Chas. Nida.
B. G. Underwood.

INVENTOR:

R. F. Walsh.

BY

Munn & Co.

ATTORNEYS.

UNITED STATES PATENT OFFICE.

ROBERT F. WALSH, OF BROOKLYN, NEW YORK.

SLATE-FRAME.

SPECIFICATION forming part of Letters Patent No. 270,163, dated January 2, 1883.

Application filed June 30, 1882. (No model.)

To all whom it may concern:

Be it known that I, ROBERT F. WALSH, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Slate-Frames, of which the following is a full, clear, and exact description.

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 plan view of my improvement. Fig. 2 is a sectional side elevation of the same, taken through the broken line *x x, x x, x x*, Fig. 1. Fig. 3 is a sectional end elevation of the same, taken through the broken line *y y, y y*, Fig. 1.

The object of this invention is to promote convenience in the use of slates in schools and other places.

The invention consists in a slate-frame made with a slot in one end bar to receive a pivoted copy and name-bearing polygon, and with copy-receiving recesses in the other end bar, whereby the copies will be protected from injury. In one side bar of the frame is formed a pencil-receiving groove provided with a sliding cover, and in the other side bar is formed a slot in which is secured a knife for sharpening pencils, as will be hereinafter fully described.

A represents the slate-frame, the top end bar of which is made wide, and has a longitudinal slot, B, formed in it. Within the slot B is placed a cylinder, C, which is pivoted at its ends to the frame A at the ends of the slot B. The polygon C is made with five (more or less) sides, upon which are formed figures, letters, or words to serve as copies for the person using the slate, whereby several copies can be kept in small space, and either of said copies can be readily brought into view. One side of the polygonal cylinder C is designed to receive the name of the person owning the slate, which is a great convenience in schools where there are a number of similar slates, as it fixes the ownership of each slate, and thus prevents two or more persons from claiming the same slate. The ends of the polygon C are enlarged or flanged, or have small wheels attached to them for convenience in turning the said polygon.

In one or both sides of the lower end of the

slate-frame A are formed long and wide grooves or recesses D, in the bottoms of which are formed letters or words to serve as copies for the person using the slate, so that the said copies will be protected from injury. The recesses D may also be used to receive and hold copy-strips, which can be changed as required.

In one of the side bars of the frame A is formed a groove, E, of sufficient length and depth to receive a pencil, and which is closed by a slide-cover, F, the beveled end edges of which slide in grooves in the frame A at the ends of the groove E, so that a pencil can always be kept ready for use. In the other side bar of the frame A is formed a slot, G, in one end of which is placed a knife, H. The knife H is inserted in a slit in the side bar of the frame A, and is secured in place by pins or other suitable means. The edge of the knife H which projects into the slot G is concaved, as shown in Fig. 1, to cause it to round the pencil more readily while the said pencil is being sharpened. The sides of the side bar of the frame A at the end of the slot G, and upon the opposite sides of the knife H, have concaved inclines formed in them, as shown in Figs. 1 and 2, to serve as guides to the pencil while being sharpened, and allow the pencil to come in contact with the edge of the knife H at a proper inclination.

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

1. A slate-frame A, made substantially as herein shown and described, with a slot, B, in one end bar to receive a pivoted copy and name bearing polygon, C, a pencil-receiving groove, E, in one side bar provided with a sliding cover, F, recesses D in the other end bar to receive copies, and a slot, G, in the other side bar to receive a pencil-sharpening knife, H, as set forth.

2. In a slate-frame, the combination, with the slotted end bar, of the pivoted copy and name bearing polygon C, substantially as herein shown and described, whereby several copies can be placed in small space and either brought into view as required, as set forth.

ROBERT F. WALSH.

Witnesses:

JAMES T. GRAHAM,
C. SEDGWICK.