

(No Model.)

T. HOLDSWORTH.  
PENCIL SHARPENER AND HOLDER.

No. 296,751.

Patented Apr. 15, 1884.

Fig. 1



Fig. 2



Fig. 3

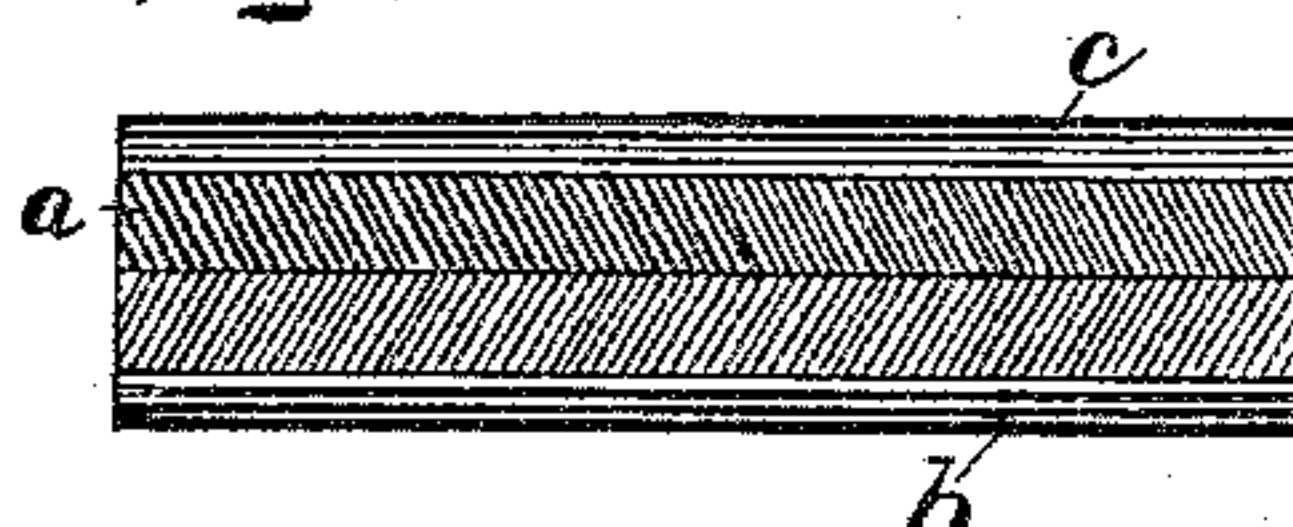
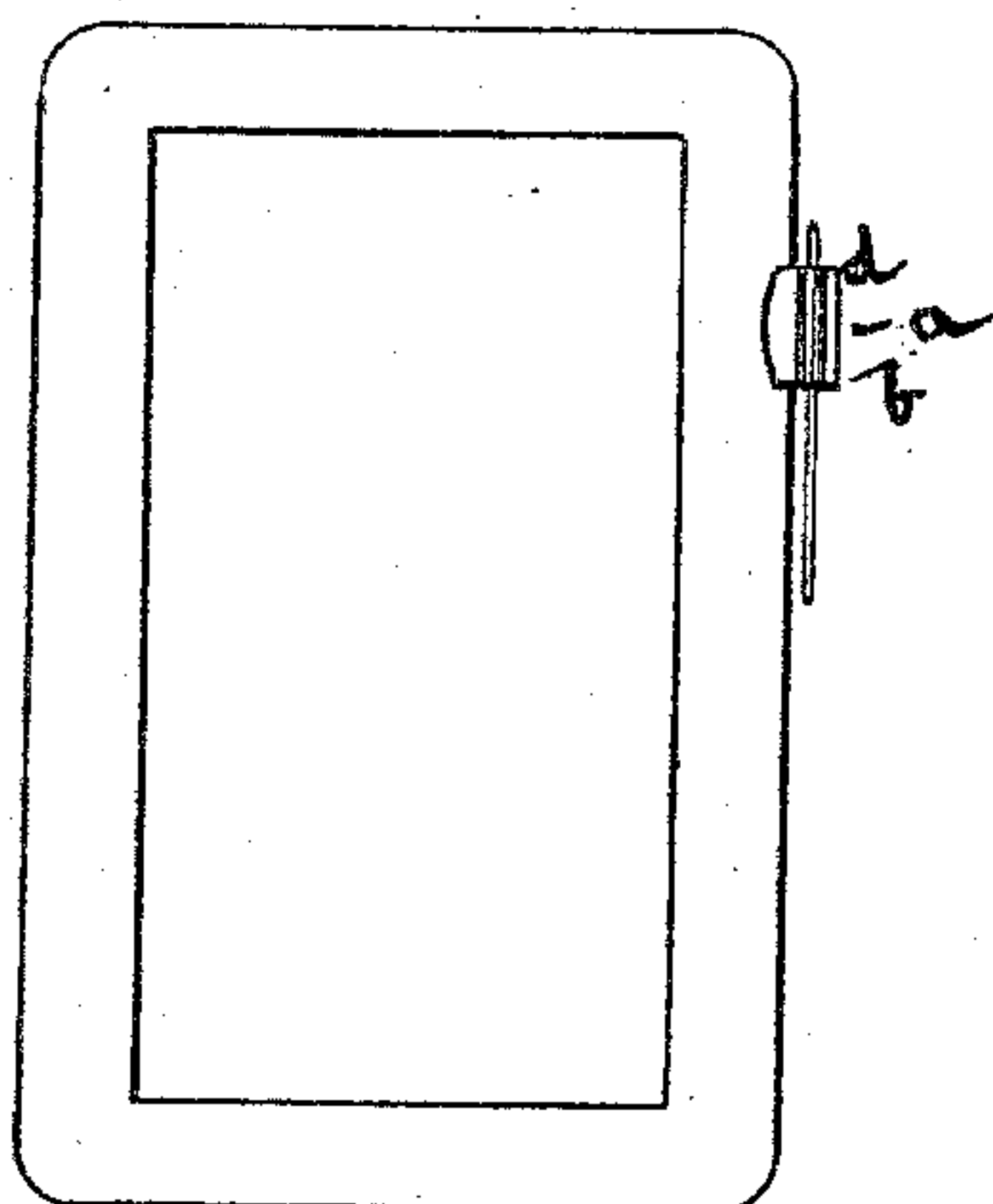


Fig. 4



WITNESSES

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# UNITED STATES PATENT OFFICE.

THOMAS HOLDSWORTH, OF WEST WINSTED, CONNECTICUT.

## PENCIL SHARPENER AND HOLDER.

SPECIFICATION forming part of Letters Patent No. 296,751, dated April 15, 1884.

Application filed April 24, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, THOMAS HOLDSWORTH, of West Winsted, in the county of Litchfield and State of Connecticut, have invented new and useful Improvements in Pencil Sharpeners and Holders, of which the following is a specification, reference being had to the accompanying drawings, in which similar letters of reference indicate like parts.

Figure 1 is an end view, Fig. 2 a side and Fig. 3 a top view of my device; and Fig. 4 shows the device secured to a slate-frame.

The sharpener consists of two roughened surfaces, standing at an angle. The end of the pencil is held within the groove and drawn back and forth, being turned in the fingers at the same time until sharpened.

I deem it best to make the sharpener *a* of steel, in one piece, the inner surfaces of which are roughened or cut, and stand at an angle, as shown in Fig. 1. Two pieces may, however, be used and the same result attained. The groove may be either V-shaped or rounding. This sharpener may be fastened to a slate-frame, desk, or other place where convenient, and be used independent of the pencil-tubes *c* and *b*.

The holding device by which the sharpener is fastened to the slate or desk is made, preferably, of sheet metal, bent, as shown, to form two or more sockets or tubes, *c* and *b*, within which slate and lead pencils are held. A portion, *i*, of the metal is cut, as shown, from the side of the tube, and, being bent inwardly, forms

a spring which bears upon the pencil and holds it in place. Below the pencil-tubes a socket, *f*, is formed, of such shape as to receive and hold an ordinary pen. Thus a lead-pencil, pen, and slate-pencil may be held conveniently in one device.

The sides or wings *d e* provide a convenient means of attaching the device to a slate-frame or other desired place. The slate-frame fits snugly between the wings, and a screw or tack holds them firmly in place. It will readily be seen that the wings *d* may be attached directly to the sharpener and the tubes be omitted.

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

1. As a new article of manufacture, the combined pencil sharpener and holder, consisting of sharpener *a*, tubes *b c*, and a means to attach the same to a frame or desk, substantially as shown.

2. As a combined pencil sharpener and holder, a V-shaped roughened part and one or more tubes secured together and provided with wings *d*, to secure the device to a slate-frame, substantially as shown.

3. The pencil-sharpener *a*, in combination with wings *d*, adapted to secure the sharpener to a slate or desk, substantially as shown.

THOMAS HOLDSWORTH.

Witnesses:

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