

De W. C. TAYLOR.
Alphabet-Boards and Blocks.

No. 156,959.

Patented Nov. 17, 1874.

Fig: 2

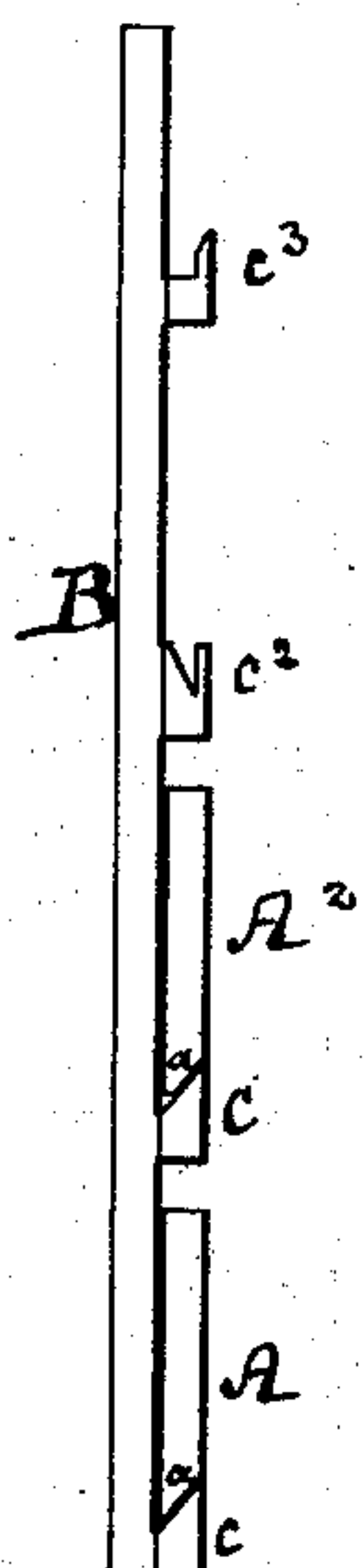


Fig: 1



Fig: 3

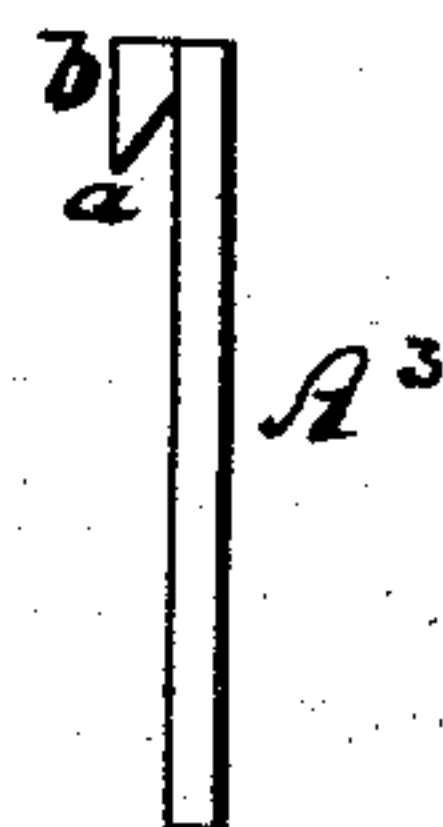
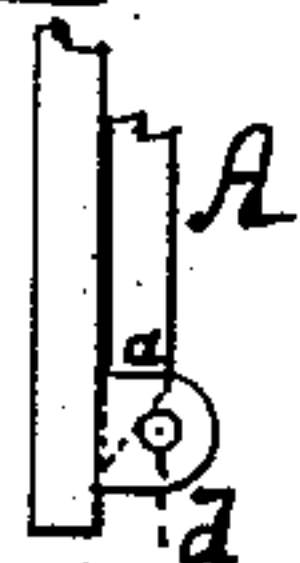


Fig: 4



Witnesses:

A. Moraga
F. v. Brissen

Inventor:

De Witt C. Taylor
by his attorney

A. v. Brissen

UNITED STATES PATENT OFFICE.

DE WITT C. TAYLOR, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN ALPHABET BOARDS AND BLOCKS.

Specification forming part of Letters Patent No. **156,959**, dated November 17, 1874; application filed September 3, 1874.

To all whom it may concern:

Be it known that I, DE WITT C. TAYLOR, of Brooklyn, Kings county, State of New York, have invented a new and Improved School or Bulletin Block, and Rack for displaying the same, of which the following is a specification:

Figure 1 represents a face view of a bulletin or rack, displaying a series of my improved blocks. Fig. 2 is an edge view of the same; Fig. 3, an edge view of a block of modified construction; and Fig. 4, an edge view of part of the bulletin, showing a modification in the same.

Similar letters of reference indicate corresponding parts in all the figures.

This invention has for its object to improve the form of school-blocks or bulletin-blocks with a view toward facilitating their application to the boards or racks on which they are to be displayed. Heretofore, such blocks were arranged to be placed in grooves formed by projecting ribs of the board or bulletin; but such blocks, when made a little thicker than the width of said grooves, could not enter the same, and if made narrower than the grooves, they would be apt to lean forward on the board. My improved block is made with a beveled supporting-edge, and caused thereby to sit on rabbeted ribs, to stand invariably in the proper position and to be separately removable without disturbing any of the adjoining blocks.

A A² A³, in the drawing, are my improved blocks. They are made of wood or other material, of rectangular or other form, and carry representations of the letters of the alphabet, or other matter to be taught or displayed. Each of these blocks has that edge by which it is to be supported on the rack or bulletin beveled, as is clearly shown in Figs. 2 and 3. The block A, shown at the lower part of Figs. 1 and 2, has its lower edge, *a*, beveled to a sharp edge; the block A², next above, is represented with a supporting-edge, *a*, beveled to a blunt edge; while the uppermost block, A³,

shown in Figs. 1 and 3, has its beveled supporting-edge, *a*, formed on a projecting rib, *b*, that is in suitable manner secured or applied to the back of the block. B is the black-board, bulletin, or rack on which my improved blocks are to be displayed. The same is made with projecting ribs *c c² c³*, &c., whereon the blocks A, A², or A³ are to be rested. These ribs are grooved or rabbeted on their upper faces, with flaring grooves that are wider at the top than at the bottom, as shown in Fig. 2.

In the form of these grooves there may be some variation, as indicated. Thus the groove in *c²* is shown to be inclined on its inner face, while the groove in *c* is inclined on its outer face. The groove in *c³* is square at the lower part and flaring at the upper part; and the grooves may be made with both faces inclined, the same as the blocks may have both faces of their supporting-edges beveled. The beveled edges of the blocks and the inclined faces of the grooves in the ribs of the rack may be somewhat rounded, if desired.

It will be observed that by this arrangement of parts each block is held only to one rib of the board where, heretofore, it was customary to slide the blocks and hold them between two ribs. Each of my blocks can be separately removed from the face of the board without disturbing any of the adjoining blocks. For school purposes this is a most important achievement.

I claim as my invention—

1. An alphabet or letter rack for schools, &c., provided with the ribs *c c²*, &c., in combination with the independently-removable blocks A, substantially as and for the purpose set forth.

2. In combination with a letter-rack, substantially as described, the independently-removable blocks A A² A³, &c., as and for the purpose set forth.

DE WITT C. TAYLOR.

Witnesses:

MICHAEL RYAN,
A. V. BRIESEN.