

C. J. HIGGINS.

SCHOOL-DESK.

No. 180,233.

Patented July 25, 1876.

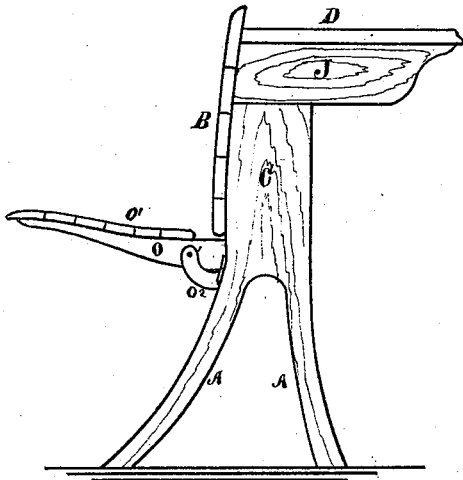


Fig. 1.

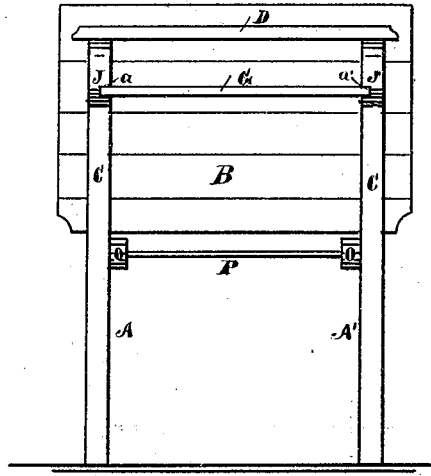


Fig. 2.

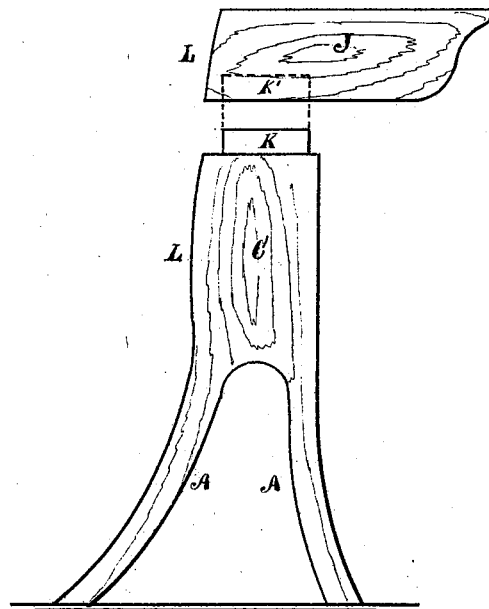


Fig. 3.

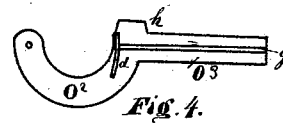


Fig. 4.

WITNESSES;

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CHARLES J. HIGGINS, OF INDIANAPOLIS, INDIANA.

IMPROVEMENT IN SCHOOL-DESKS.

Specification forming part of Letters Patent No. **180,233**, dated July 25, 1876; application filed September 25, 1875.

To all whom it may concern:

Be it known that I, CHARLES J. HIGGINS, of Indianapolis, county of Marion, State of Indiana, have made certain Improvements in the Construction of School-Desks, of which the following is a specification, reference being had to the accompanying drawings.

My invention consists in the arrangement of the upper cross-sections or desk-brackets, and the manner in which they are secured to the standards.

Figure 1 represents an end view of my improved wooden school-desk. Fig. 2 is a rear elevation of the same. Fig. 3 is a sectional elevation of the standard, formed of the legs and bracket or desk-support. Fig. 4 represents the hinge or seat-support.

Previous to my invention it has been customary to let the standards of a school-desk extend from the floor to the top of the desk, and then to screw or secure an extra piece on the inside of each standard, near the top, to form brackets to support the desk and shelf.

By my improved combination standard and bracket I save the screws and extra length of the standards heretofore necessary.

The upper ends of the standards C C are provided with tenons K, which are securely fastened into corresponding mortises K',

formed in the lower part of the cross-sections or desk-brackets J J', as shown in Fig. 3, and when united, as in Fig. 1, form a neat, strong, and durable standard, with a desk-bracket and shelf-support combined.

The brackets J J' are grooved at *a a'*, so as to receive the ends of the shelf G. The front edges of the standards C C and brackets J J' are formed with a curve corresponding with the back of the desk, as at L L, Fig. 3.

I am aware that mortises and tenons are old; but I am not aware that they have been employed to unite the standards and desk-brackets of school-desks.

What I claim as new, and wish to secure by Letters Patent, is—

A school-desk standard formed of a desk-supporting bracket, J, and standard C, constructed substantially as described, and united together by mortises K' and tenons K, substantially as set forth, and for the purposes described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHAS. J. HIGGINS.

Witnesses:

E. O. FRINK,
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