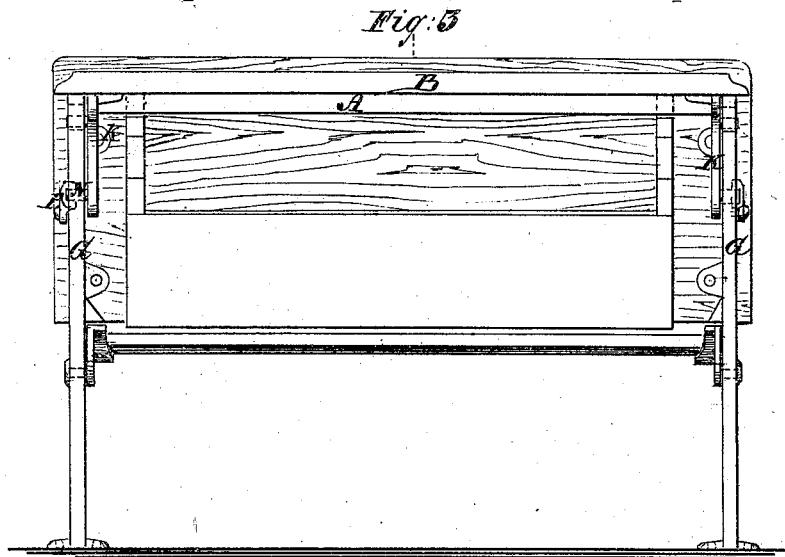
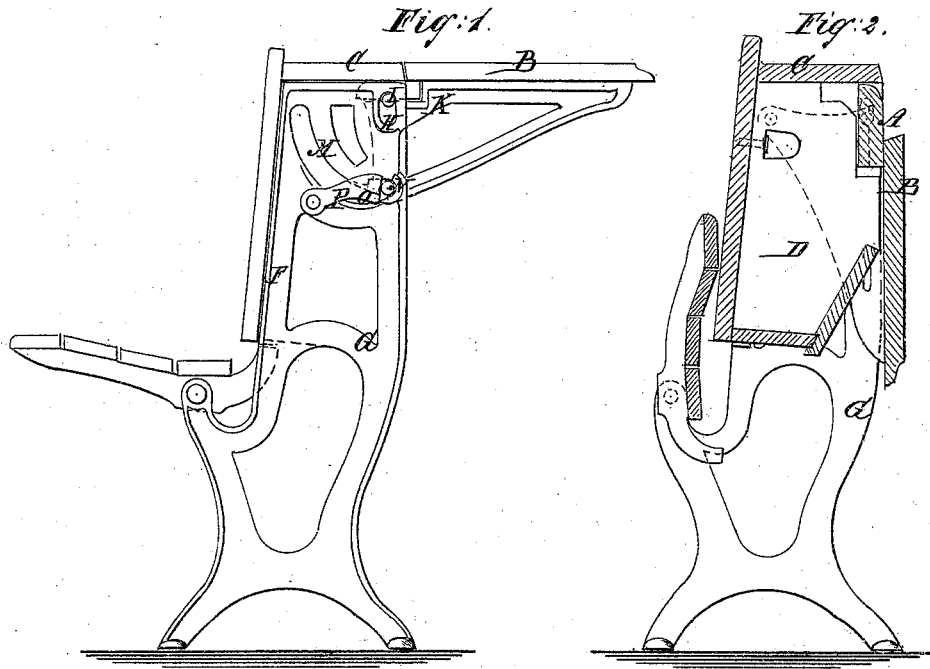


J. Milwain,

Folding Desk.

No. 111,230.

Patented Jan. 24, 1871



Witnesses:

C. Hartig
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Inventor:

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PER *Mmm*
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United States Patent Office.

JOHN MILWAIN, OF NASHVILLE, TENNESSEE.

Letters Patent No. 111,230, dated January 24, 1871.

IMPROVEMENT IN FOLDING DESKS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JOHN MILWAIN, of Nashville, in the county of Davidson and State of Tennessee, have invented a new and improved Folding Desk; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to improvements in folding school-desks; and

It consists, in a combination with the folding table of the desk, of strip or plate for closing the opening at the joint where the table is folded down, and an arrangement of the pivot-joints, bracing-arms, and guide-grooves for the latter, for operating the table so as to effect the said closing of the joint, so that, when the table is folded down, the back case beneath will be closed dust proof.

Figure 1 is an end elevation of my improved folding desk;

Figure 2 is a sectional elevation of the same, taken on the line *x x* of fig. 3; and

Figure 3 is a side elevation.

Similar letters of reference indicate corresponding parts.

A is the joint-closing plate or strip attached to the desk-table B, at the edge next the joint, and under side, so as to project a considerable distance from the said edge under the top C when the table is raised. The object of this is to swing, when the table is let down, against the under side of the top C, so that the case D for the books will be closed dust proof, the table covering the openings E into said case, and the

strip A the opening caused by the swinging of the edge of the table away from the edge of the top C.

In order to arrange the pivots and the bearings therefor so that the table may be worked with this attachment and be adjusted snugly against the edge of the top C when raised up, and also allow the table to fold down against the edges F of the end supports G, I have provided the vertically-elongated holes H in the said end supports, to allow the pivots I, mounted on the table brackets K, which project inward under the loop far enough for the studs to be received in the said holes, to fall when the table is let down, and let it drop away from the under side of the top C the distance of the radial breadth of the dust-strip A, and, in consequence of this, the curved slots M in the end supports G are made with abrupt curves at O, to let the said stud-pins have corresponding movements. The said abrupt curves are made a little distance from the ends of the slots in which the studs rest when the table is up, to afford them permanent seats, wherein they are held by the locking-pawls P, which bear against them for the purpose when in the said seats, and are lifted away to let them escape from the seats to let the table fall.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The table or leaf B, provided with the strip A, and attached to the bracket K, having pivots working in the vertically-elongated slots in the frame, substantially as and for the purpose specified.

Witnesses:

JOHN MILWAIN.

ADAM WOOLF,
P. M. RADFORD.