

H. G. SELLMAN.

Improvement in School-Desks and Seats.

Patented May 16, 1871.

No. 114,869.

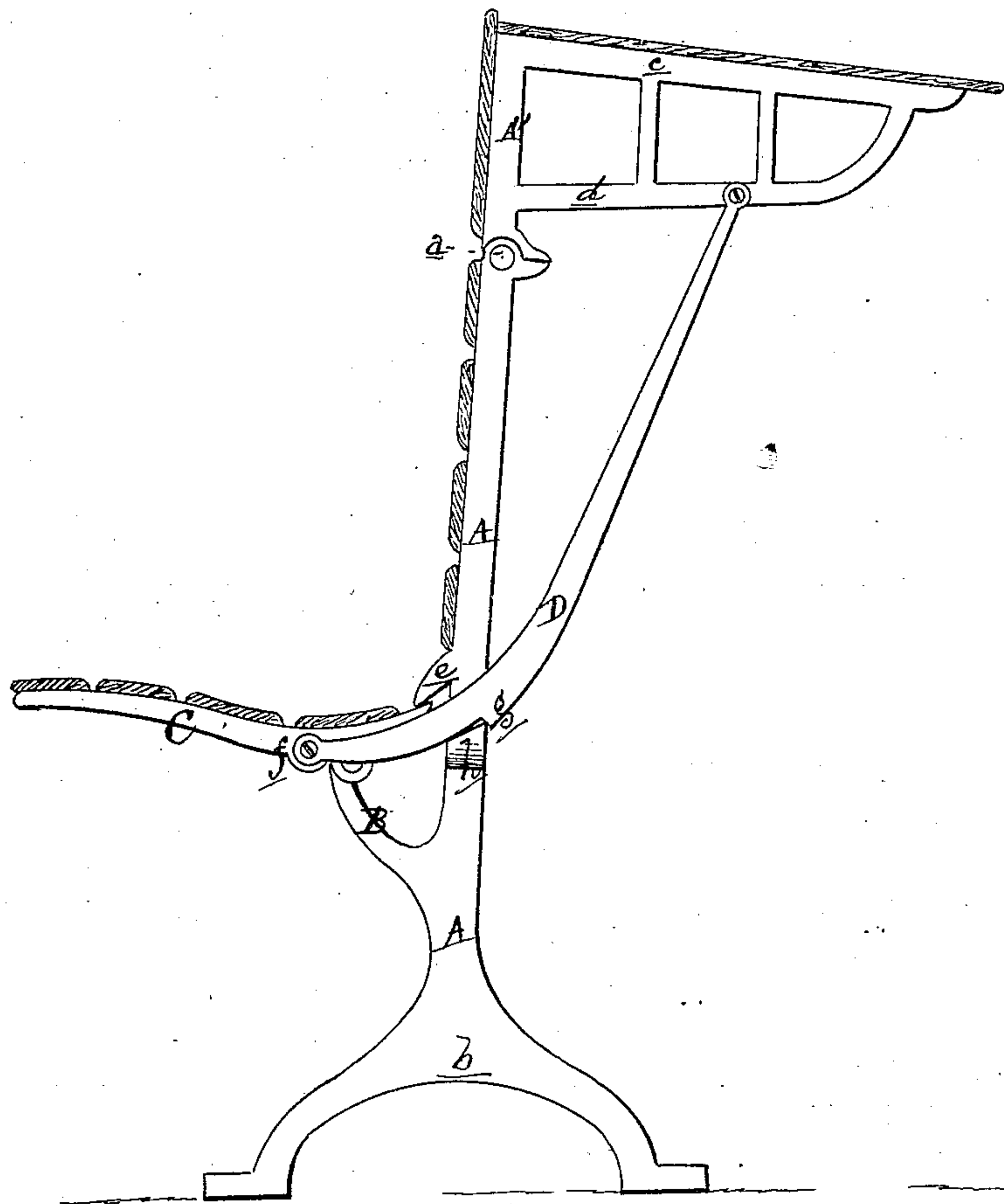


Fig. 1

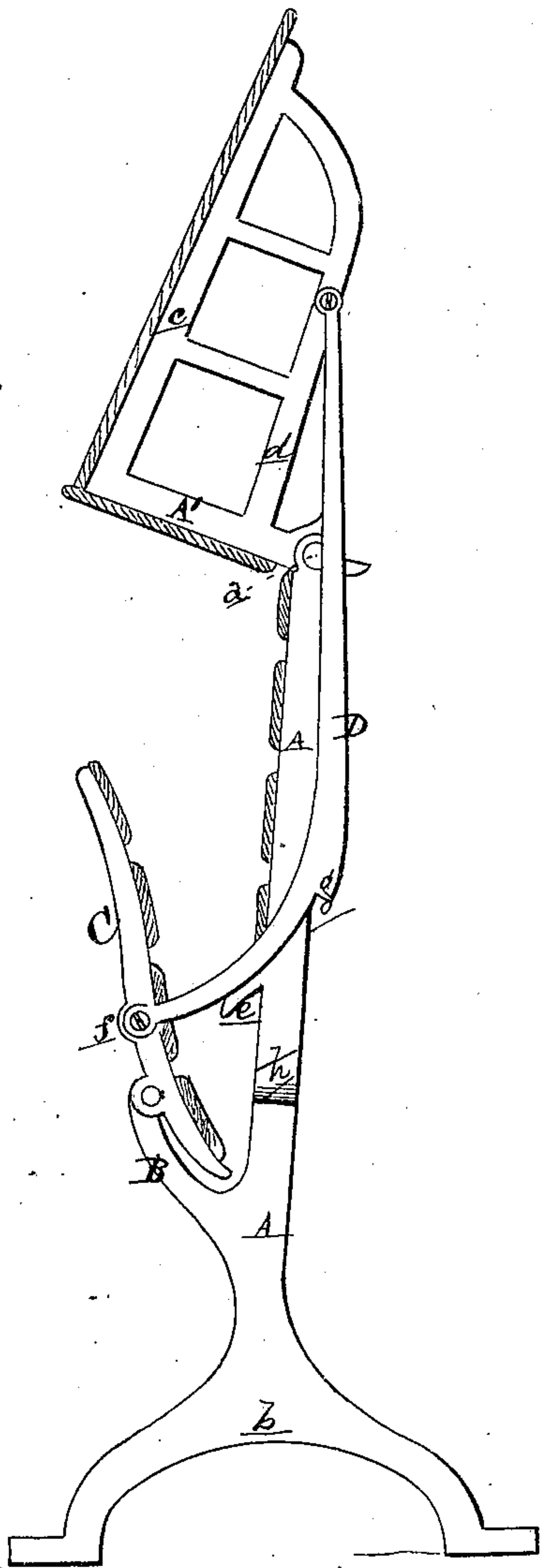


Fig. 2

ATTEST

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INVENTOR

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# United States Patent Office.

HENRY G. SELLMAN, OF NORTH NEWBURG, MICHIGAN.

Letters Patent No. 114,869, dated May 16, 1871.

## IMPROVEMENT IN SCHOOL-DESKS AND SEATS.

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

*To whom it may concern:*

Be it known that I, HENRY G. SELLMAN, of North Newburg, in the county of Shiawassee and State of Michigan, have invented a new and useful Improvement in Folding School-Seats and Desks; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon and being a part of this specification, in which—

Figure 1 is a side elevation of my improved hinged school-seat frame in its normal position, and

Figure 2 is a similar view of the same, showing the desk and seat raised.

Like letters indicate like parts in each figure.

This invention has for its object the construction of combined school-desks and seats in such a manner that the desk as well as the seat may be tilted up to give additional room between desks when required.

The invention consists in making the iron standards with a hinge below the desk portion, and in connecting such desk part of the standard with the tilting-seat arm by a curved radius-bar so arranged that when the seat is tilted up the desk will also be tilted up; and in the novel and peculiar arrangement of its various parts, as more fully hereinafter set forth.

In the drawing—

A A' represent the main end standards of a school-desk, forming the ends thereof, usually cast in one piece; but in the present case the standards are made in two sections hinged together at *a*, just below the book-shelf, under the desk top.

At the lower end of the standard is a leg, *b*, which, with the lower end of the standard, is secured to the floor.

*c* is the ledge or bracket which supports one end of the desk top, and

*d* is a similar flange or ledge below it, which supports the end of a book-shelf below the desk top.

B is a bracket on the front side of the standard, in which is pivoted the seat-arm C, so arranged as to fold up against the front of the desk, which forms its back.

On the front edge of each standard is a boss, *e*, against the under side of which the rear end of the seat-arm bears when lowered to a horizontal position; or any equivalent device may be used to prevent the front end of said arm from going below its proper plane.

D is a radius-bar, curved at its lower end to conform to the outline of the rear part of the seat-arm, to which it is pivoted at *f*, while its upper end is pivoted to the ledge *d* of the desk-frame, so that when the seat is folded up against the front of the desk the section A' of the front standard, carrying the desk top and shelf, will be tilted up, as shown in fig. 2, which gives ample room to the scholar to practice class calisthenics, as well as to afford superior facilities for sweeping and cleaning the floor under the desks.

In order to relieve the seat-arms from the weight of the desk top I forge or cast the radius-bars with a lug, *g*, which bears upon a stud, *h*, on the standard when the desk top is lowered.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the radius-bar D with the seat-arm C and the ledge *d* of the upper section A' of the standard, being pivoted thereto, as and for the purposes herein set forth.

HENRY G. SELLMAN.

Witnesses:

H. F. EBERTS,  
MYRON H. CHURCH.