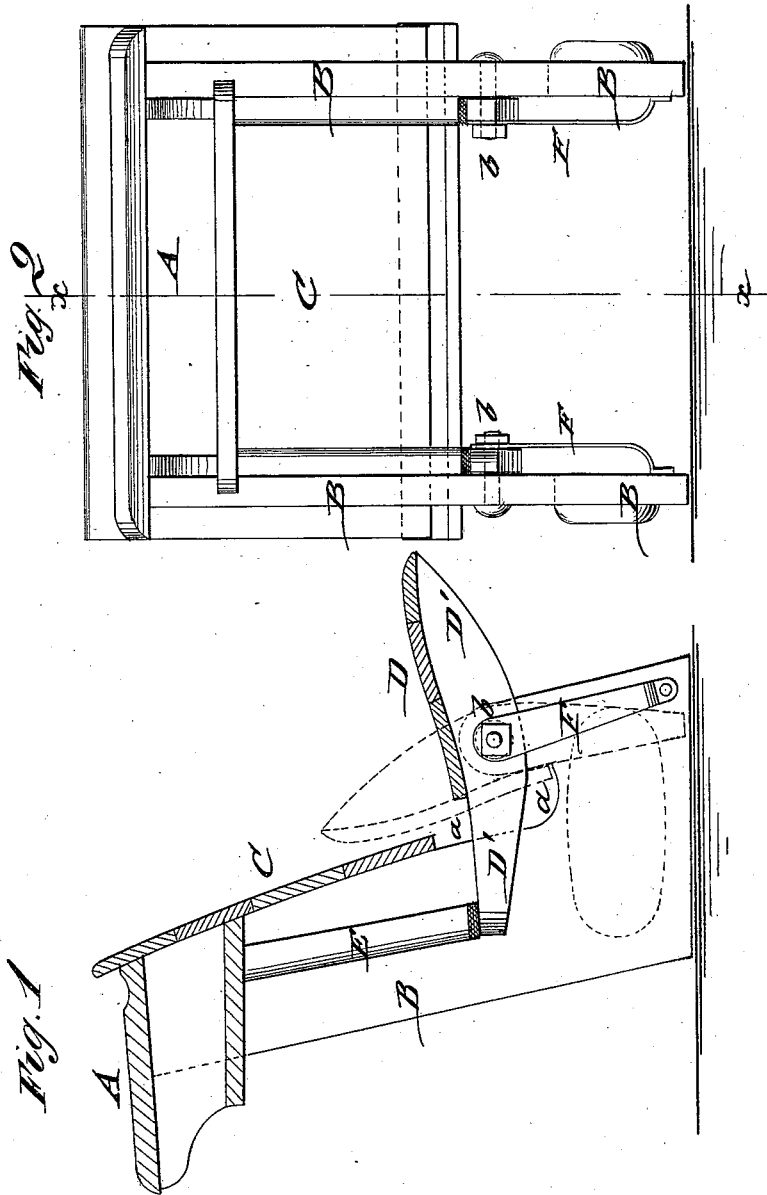


E. HAYNES.
SCHOOL-DESK SEATS.

No. 186,729.

Patented Jan. 30, 1877.



WITNESSES:

A. W. Almquist,
John Goetzals.

INVENTOR:

E. Haynes,
BY *Mumford*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

ELDRIDGE HAYNES, OF KIRK'S CROSS ROADS, INDIANA.

IMPROVEMENT IN SCHOOL-DESK SEATS.

Specification forming part of Letters Patent No. **186,729**, dated January 30, 1877; application filed August 28, 1876.

To all whom it may concern:

Be it known that I, ELDRIDGE HAYNES, of Kirk's Cross Roads, in the county of Clinton and State of Indiana, have invented a new and Improved School-Desk and Seat, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a vertical transverse section of my improved school-desk and seat, taken on line *x x*, Fig. 2; and Fig. 2 is a rear view of the same.

Similar letters of reference indicate corresponding parts.

The invention consists in combining the guide-stays and seat-supports, as hereinafter more fully described.

In the drawing, A represents the desk, that is supported on side standards B, provided with a curved stationary back, C. The side standards B have recesses *a* below the back, which admit of the swinging of the seat D into the same when thrown up into upright position. The supports D' of the seat D are fulcrumed by strong bolts *b* to the parts of the side standards extending in front of the

recesses. The fulcrumed supports D' are extended to such length that they come in contact with the lower cushioned ends of stop-strips E, attached to the inner side of the standards B. When the seat is thrown up into vertical position the supports D' form contact with metallic stays or brackets F, that are screwed to the side standards and to the fulcrums of the seats, as shown in Fig. 2, so as to strengthen the bolts and define the extent of motion of the seat, forming thus a strong, simple, and cheap construction of desk and seat combined.

I am aware that it is not new to construct a school-desk with recessed standards and interior cushion-stops, and I do not therefore claim such devices; but

What I do claim is—

The guide stays or brackets F, in combination with the seat-supports D', substantially as and for the purpose specified.

ELDRIDGE HAYNES.

Witnesses:

SAM. H. McCORD,
G. M. WILDS.