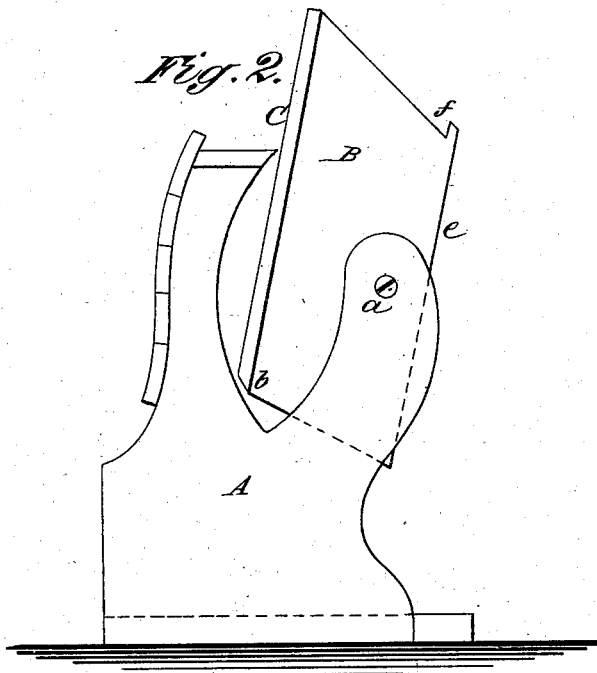
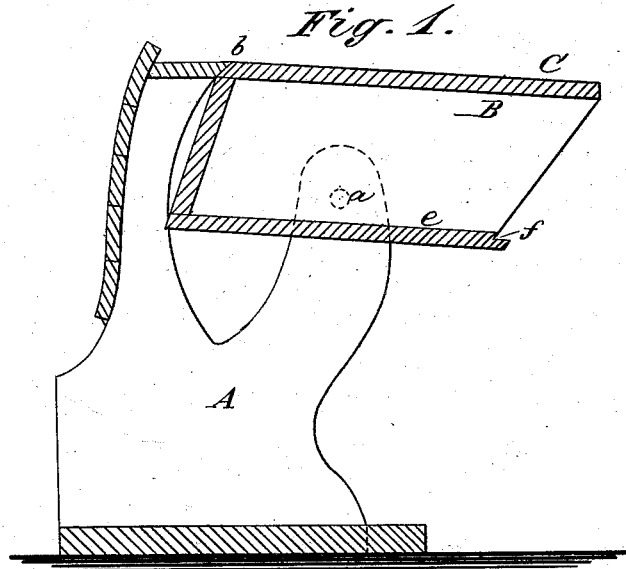


W. WALGRAIN, C. F. & K. BUSCALL.  
SCHOOL-DESK.

No. 192,957.

Patented July 10, 1877.



WITNESSES:

*H. Rydquist.*  
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INVENTOR'S

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ATTORNEYS

# UNITED STATES PATENT OFFICE.

WILLIAM WALGRAIN, CHARLES F. BUSCALL, AND KATE BUSCALL, OF NEW YORK, N. Y.

## IMPROVEMENT IN SCHOOL-DESKS.

Specification forming part of Letters Patent No. **192,957**, dated July 10, 1877; application filed November 11, 1876.

*To all whom it may concern:*

Be it known that we, WILLIAM WALGRAIN, CHARLES F. BUSCALL, and KATE BUSCALL, of the city, county, and State of New York, have invented a new and Improved School-Desk, of which the following is a specification:

Figure 1 is a vertical transverse section. Fig. 2 is an end elevation.

Similar letters of reference indicate corresponding parts.

Our invention consists in a box for the reception of books, constructed so that the front shall be made to answer the purpose of a rest or easel when the box is placed in a vertical position.

In the drawing, A A are end pieces, that support the seat and seat-back and the horizontal portion of the desk-top, in the usual way. B is the box for the reception of books and other articles, the top C of which forms the inclined portion of the desk-top. This box is pivoted in the end pieces at *a*, and is capable of being turned up into a position that is nearly vertical, as shown in Fig. 2.

The end pieces A are cut away on an arc struck from the pivots *a*, having the radius *a b*, for the purpose of receiving the projecting ends of the top C as the box B is turned.

The end pieces of the box B are cut off diagonally, and the bottom *e* of the box is set back, and its front edge rabbeted at *f*, forming, when the desk is turned up, a rest for books or other articles, the lower edge of the book-covers being placed in the rabbet *f*, while the upper end of the book is supported by the edge of the top C.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

A school-desk provided with a box, B, having diagonally-cut ends, top C, and rabbet *f*, substantially as shown and described, for the purpose specified.

WM. WALGRAIN.  
CHARLES F. BUSCALL.  
KATE BUSCALL.

Witnesses:

C. SEDGWICK,  
ALEX. F. ROBERTS.