

F. A. HOLBROOK.
SEAT AND DESK.

No. 423,055.

Patented Mar. 11, 1890.

Fig. 2.

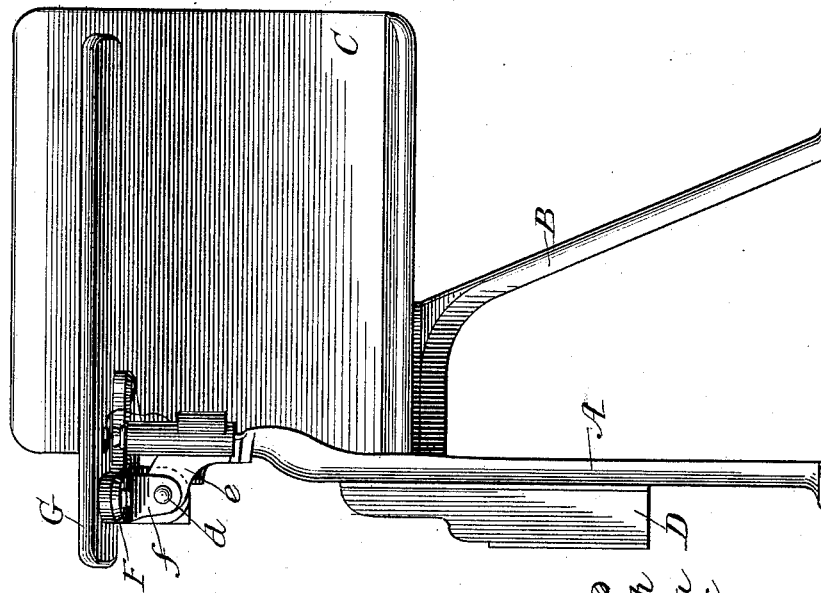


Fig. 1.

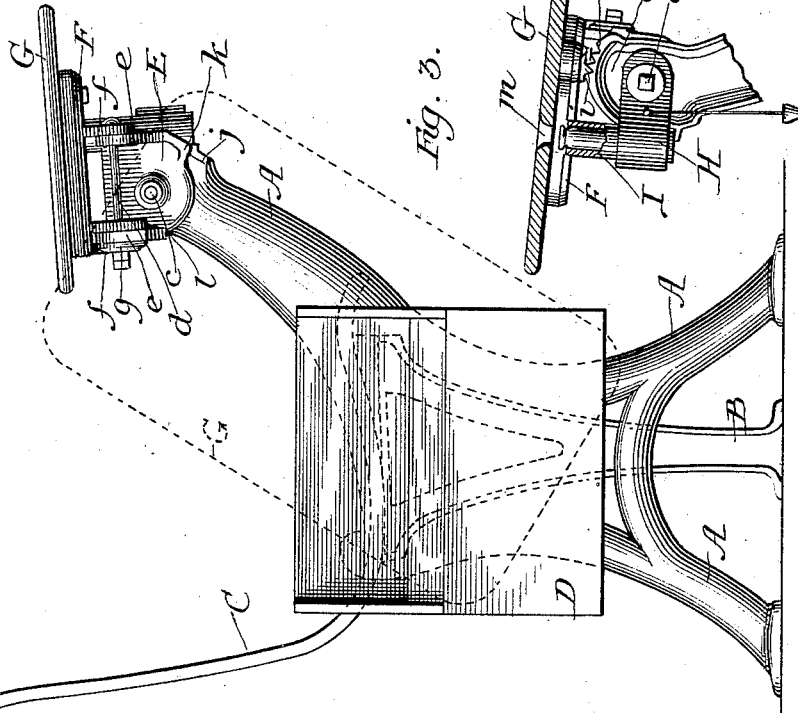


Fig. 3.

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Albert H. Adams.
Henry T. Jones.

Inventor:
Frederick A. Holbrook

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Fig. 4.

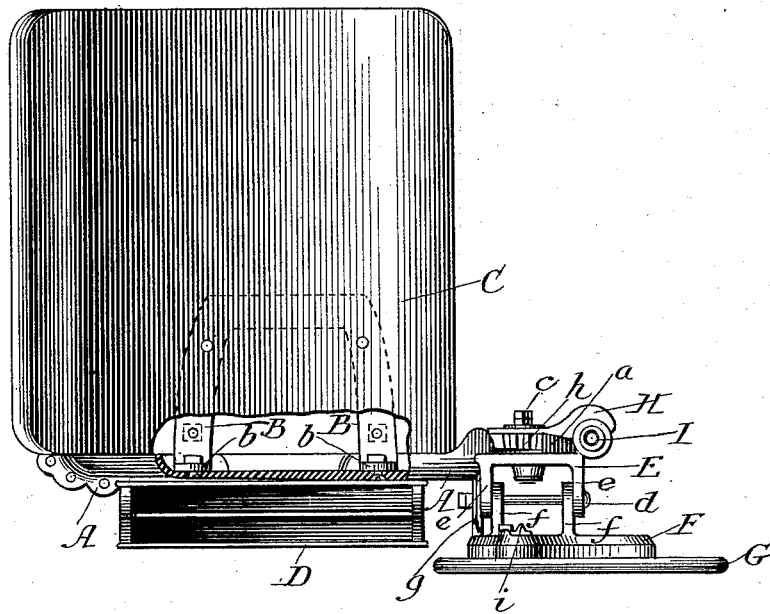
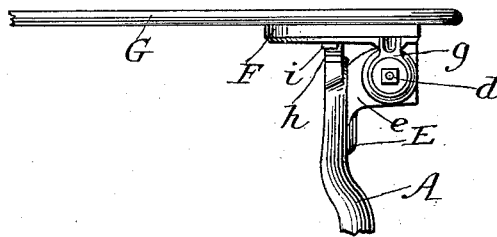


Fig. 5.



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UNITED STATES PATENT OFFICE.

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SEAT AND DESK.

SPECIFICATION forming part of Letters Patent No. 423,055, dated March 11, 1890.

Application filed October 1, 1889. Serial No. 325,710. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK A. HOLBROOK, residing at Evanston, in the county of Cook and State of Illinois, and a citizen of the United States, have invented new and useful Improvements in Seats and Desks, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is an end elevation of the desk and seat. Fig. 2 is a front elevation thereof. Fig. 3 is a detail, being an inside view of the head of the standard, the desk being attached and shown in section. Fig. 4 is a top or plan view, the desk being turned up. Fig. 5 is a detail, being a rear elevation of the head of the standard, also showing the desk connected thereto.

This invention relates to school-desks. Its object is to provide an improved seat and desk in which the desk may be adjusted at an angle to suit the convenience of the student, and may be turned to one side out of the way of the student for calisthenic and other exercises during which the student stands, and out of the way of the janitor while sweeping, and these objects I accomplish as illustrated in the drawings and as hereinafter described.

That which I claim as new will be pointed out in the claims.

In the drawings, A represents the main standard. This standard A consists of two legs to rest upon the floor and an upwardly and forwardly projecting arm provided with a head *a* to support the desk.

B is a support for the seat. It also braces the standard A. It is secured to the standard A by bolts which pass through the standard and through ears *b* on the inner end of the support B, as shown in Fig. 4.

C is the seat and its back, which are supported upon and secured to the support B. As shown, the seat and back consist of a single piece bent into proper form.

D represents a pocket or receptacle for books, papers, &c., secured to the standard A.

E is a bracket pivoted to the upper end or head *a* of the standard A by a pivotal bolt *c*. This bracket E is provided with two ears *e*. (Best seen in Fig. 4.)

F is a bracket to which the desk G is secured. This bracket F is provided with two ears *f*, which are pivoted between the ears *e* of the bracket E on a bolt *d*, which is at right angles to the bolt *c*, as shown in Fig. 4.

H is a bracket secured to the head *a* of the standard A for supporting an ink-well I beneath the desk G, an opening *m* being provided in the desk G for access to the ink-well, as shown in Fig. 3.

A washer *g*, provided with a lug which engages with the bracket F, as shown in Fig. 5, is placed on the bolt *d* to prevent the loosening of the nut on the bolt *d* by the turning of the parts.

The bracket F is provided with a lug *i*, which, when the desk G is in position for use, engages with one of a series of notches *h* on the head *a* of the standard A, as shown in Fig. 3, thereby supporting the desk at that point. When the lug *i* engages with the upper notch *h*, as shown, the desk is held nearly horizontal. When it is desired to give a greater inclination to the desk, the desk is to be raised slightly, its supporting-bracket F turning on the pivot *d* until the lug *i* is clear from the notch *h*, then it is to be tilted, the bracket E turning on the pivot *c* until the desired inclination is obtained, and it is then to be pressed down, engaging the lug *i* with a lower notch *h* of the series.

When it is desired to turn the desk out of the way of the student or janitor, it is to be turned on the pivot *d* to the position shown in Fig. 4, and it can then be turned downward on the pivot *c* to the position indicated by dotted lines in Fig. 1.

When the desk G is in the position indicated by dotted lines in Fig. 1, it may be turned into the position for use by first turning it upward on the pivot *c* and then turning it into position on the pivot *d*.

The standard A is provided with a lug *j*, which is engaged by a shoulder *k* on the bracket E when the desk G is in the position shown in Fig. 1, preventing the desk from being tilted too far forward. A shoulder *l* on the bracket E engages with the lug *j* when the desk is turned down into the position indicated by dotted lines in Fig. 1, preventing it from being turned down too far.

By the construction above described the desk G can be readily and quickly turned into or out of position for use, and may be turned upward on the pivot *d* for convenience in sitting down or rising from the seat. The desk may also be readily inclined more or less, as may be desired, for convenience in writing, &c.

10 The engagement of the lug *i* with the notches *h* securely holds the desk against accidental tilting.

The ink-well being supported independently from the desk is not affected by the turning of the desk into or out of position for use.

15 The desk and seat being independent of the surrounding desks and seats, it is not affected by the movements of other students.

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

1. In a seat and desk, the combination, with a standard A, having a head *a*, provided with a series of notches *h*, of a bracket F, pivotally supported on the standard A and provided with a lug *i*, and a desk G, substantially as 25 and for the purposes specified.

2. In a seat and desk, the combination, with a standard A, having a lug *j*, of a bracket E, pivoted to the standard A, and having shoulders *k* and *l*, a bracket F, pivoted to bracket E, and a desk G, substantially as and for the purposes specified. 30

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Witnesses:

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