(No Model.)

W. LIPPINCOTT.

SCHOOL DESK.

No. 399,272. Patented Mar. 12, 1889.

Fig. 1.

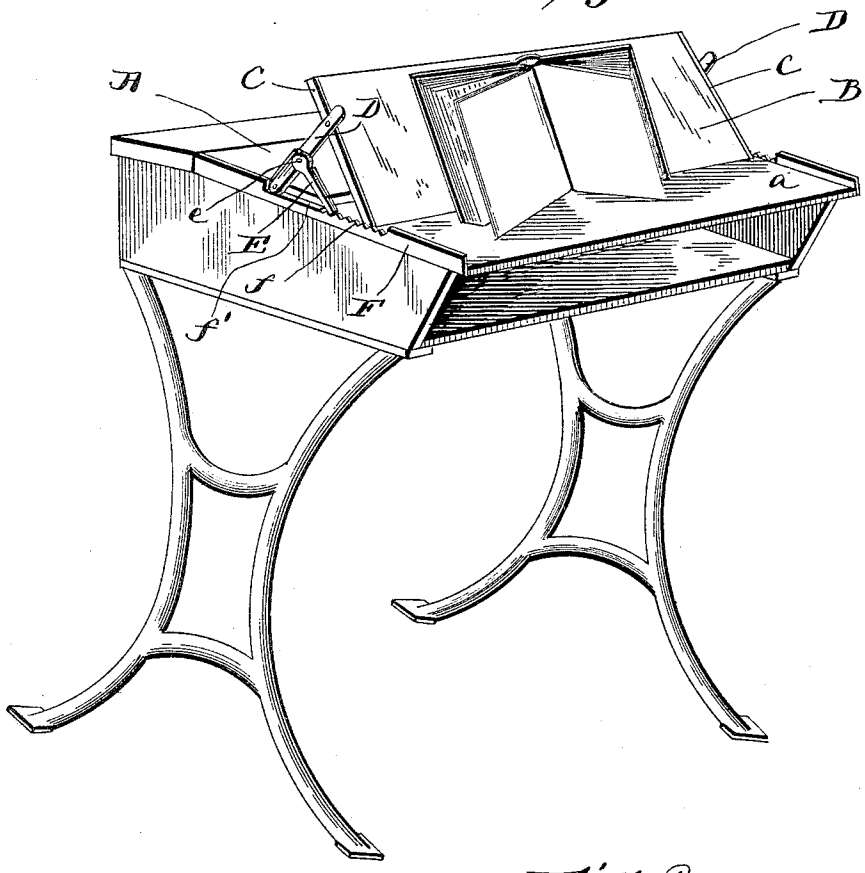
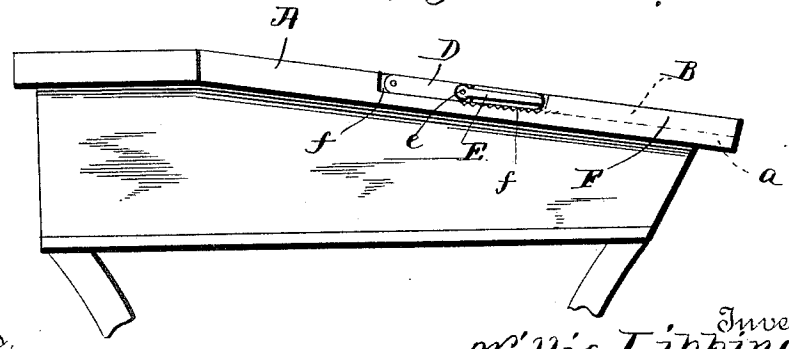


Fig. 2.



Witnesses.

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UNITED STATES PATENT OFFICE.

WILLIS LIPPINCOTT, OF SMITH CENTRE, KANSAS.

SCHOOL-DESK.

SPECIFICATION forming part of Letters Patent No. 399,272, dated March 12, 1889.

Application filed August 22, 1888. Serial No. 283,430. (No model.)

To all whom it may concern:

Be it known that I, WILLIS LIPPINCOTT, a citizen of the United States, residing at Smith Centre, in the county of Smith and State of Kansas, have invented new and useful Improvements in School-Desks, of which the following is a specification.

The invention relates to improvements in school-desks.

The object of the present invention is to provide a desk top or lid having a book-rest capable of being adjusted at any desired angle to support books, and which will when closed present a level surface flush with the surface of the desk.

The invention consists in the novel combination and arrangement of the parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a shool-desk provided with a desk top or lid constructed in accordance with this invention, and illustrating the position of the parts when the book-rest is raised. Fig. 2 is a detail end view of the top of the desk, illustrating the position of the parts when the book-rest is not in use.

Referring to the drawings, A designates the desk top or lid, which is secured to the other portions of a desk, of any desirable construction. The desk top or lid has its front portion, *a*, reduced in thickness to receive a supporting-slab, B, which, when lying flat upon the reduced portion *a*, is flush with the top of the upper face of the lid or top A.

The ends of the supporting-slab B are bound by metallic strips C, which re-enforce the supporting-slab, prevent it warping, and adapted to have pivoted to it a movable bar, D, which is also pivoted to the desk lid or top A, whereby the supporting-slab may be raised to the position illustrated in Fig. 1 of the drawings to provide a book-rest. The supporting-slab B is maintained in this elevated position and rendered capable of adjustment to any desired inclination by arm E, which engages rack *f*, formed in side pieces, F, suitably secured to the sides of the desk lid or top A. The arm E, having an enlarged head, *e*, is pivoted to the movable bar D, intermediate of the ends thereof, and the portion of the movable bar forward of the pivotal point of the arm E is cut away to permit said arm to lie in between the movable bar and the side piece, F, and be pivotally flush with the edge of the desk.

The side piece, F, one of which is secured to each side of the desk, is constructed of suitable metal, and is cut away intermediate of its ends to form a recess, *f'*, to receive the movable bar D and the arm E.

The rack *f* is formed by a series of notches made in the side piece, F, at the front end of the recess *f'*, and when the supporting-slab B is raised to form a book-rest the arm E engages the rack *f* and holds the supporting-slab in the desired position.

From the foregoing it will be readily seen that desk tops and lids constructed in accordance with this invention are neat, compact, and possess great durability and strength, are capable of affording a book-rest that may be adjusted to any desired angle, and present an even surface when the book-rest is closed and not in use.

Having described the invention, what I claim is—

1. The combination of the desk top or lid having its front portion reduced in thickness, and provided with recessed side strips having racks, the supporting-slab sliding between said strips, the movable bars pivotally connected to the top or lid, and the arms secured to the movable bars and adapted to engage the said racks, said bars and arms adapted to fold in the recessed portions of said strips and to align with the tops thereof, substantially as and for the purpose described.

2. The combination of the desk top or lid having the reduced portion, and provided with the recessed side strips having the racks, the supporting-slab having the re-enforced strips and sliding between said side strips, the movable bars pivotally connected to the top or lid and the supporting-slab,

and the arms secured to the movable bars and engaging the said racks to hold the supporting-slab in an elevated position, said bars and arms being adapted to fold in the recessed portion of said side strips and to align with the tops thereof, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WILLIS LIPPINCOTT.

Witnesses:

MANFORD SAVAGE,

JOHN SAWYER.