

W. E. WINTER.
DESK.

APPLICATION FILED MAR. 29, 1919.

1,334,426.

Patented Mar. 23, 1920.

Fig. 1.

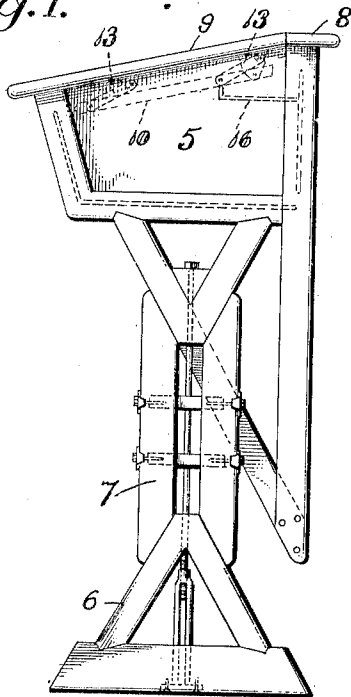


Fig. 2.

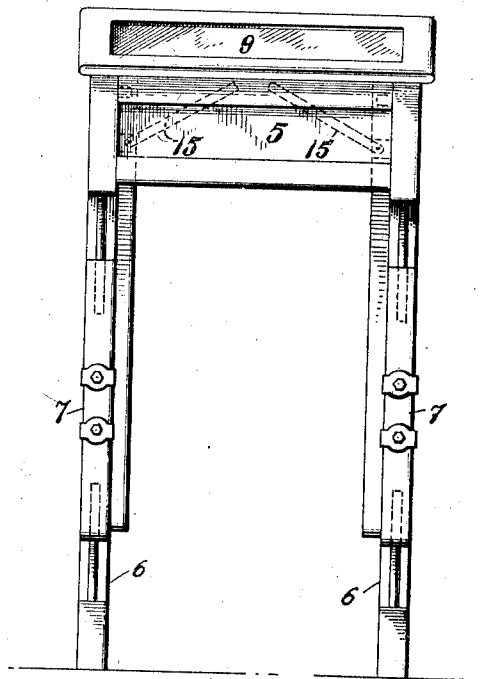
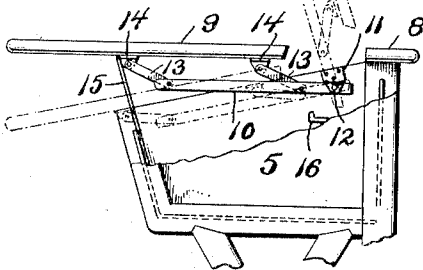


Fig. 3.

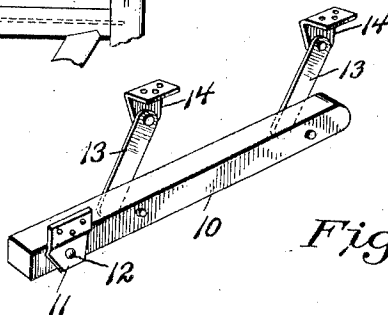


Fig. 4.

Witness
[Signature]

By

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UNITED STATES PATENT OFFICE.

WILLIAM EDWARD WINTER, OF WILLIAMSPORT, PENNSYLVANIA.

DESK.

1,334,426.

Specification of Letters Patent.

Patented Mar. 23, 1920.

Original application filed November 14, 1918, Serial No. 262,479. Divided and this application filed March 23, 1919. Serial No. 286,213.

To all whom it may concern:

Be it known that I, WILLIAM EDWARD WINTER, a citizen of the United States, residing at Williamsport, in the county of Lycoming and State of Pennsylvania, have invented certain new and useful Improvements in Desks, of which the following is a specification.

The present invention, which is a division of my co-pending application, Serial No. 262,479, filed Nov. 14, 1918, relates more particularly to school desks, and one of the important objects thereof is to provide novel means for holding a desk top in different positions so that the same may be employed in various exercises. At the same time the top can be easily elevated to gain access to the interior of the desk.

In the embodiment of the invention disclosed:—

Figure 1 is an end elevation of the desk.

Fig. 2 is a front elevation thereof.

Fig. 3 is an end view of the upper portion of the desk showing the top elevated, indicating different positions said top may assume,

Fig. 4 is a detail perspective view of one of the adjusting bars and link connections for the top.

Similar reference numerals designate corresponding parts in all the figures of the drawing.

The desk consists of a box body 5 suitably and preferably adjustably supported on bases 6 by standards 7. The body 5 is provided with a fixed ledge 8, forming a part of the top. A movable top member 9 is also provided, which may be of any desired construction and normally covers the upper open side of the desk in the usual manner.

For certain purposes, it is desirable to secure the top member 9 not only in its normal inclined position as shown in full lines in Figs. 1 and 2, but also to hold it in a horizontal position. At the same time, it is, of course, requisite that free access can be had to the interior of the box body 5. To this end adjusting bars 10 are pivoted on the inner faces of the ends of the box body, the pivotal members being in the form of ears 11 that are fixed to the said ends, said ears having pivots 12 engaged in the bars 10, as shown in detail in Fig. 4. Pivoted at spaced points to each of the adjusting bars 10 are parallel swinging links 13 that are also piv-

oted to brackets 14 secured to the under side of the top member 9. Supporting standards or arms 15 are pivotally mounted on the inner side of the body and are arranged to be swung upwardly, so as to hold the top member 9 in horizontal position, as illustrated in Fig. 3.

It will be noted therefore that this structure permits the top member 9 of the desk to be entirely closed, or said member to be placed in horizontal position and swung rearwardly more nearly over the seat. In this latter position the front edge of the top member 9 is spaced from the fixed ledge 8, affording access to the shelf 16 in the top body, and consequently to pencils, ink or the like placed thereon. It will also be observed that the desk top can be swung to full open position, as indicated in dotted lines in Fig. 3, to permit free and unobstructed access to the interior of the box body.

From the foregoing, it is thought that the construction, operation and many advantages of the herein described invention will be apparent to those skilled in the art without further description, and it will be understood that various changes in the size, shape, proportion and minor details of construction, may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is:—

1. A desk comprising a body having side walls and an open upper side, a top for the open upper side that rests upon the side walls, an adjusting bar pivoted to the body, spaced swinging links pivoted to the bar and to the top, said links permitting the top to rest upon the side walls of the body in different positions, and means for supporting the top in elevated position with respect to the body.

2. A desk comprising a body having side walls with inclined upper edges, said body having open upper sides, a top for the open upper sides that rests upon the side walls, a ledge on the body in rear of said top, an adjusting bar pivoted to the body, spaced swinging links pivoted to the bar and to the top, said links permitting the top to rest upon the inclined edges of the side walls and abutted against the ledge and also in

spaced relation thereto, and means for supporting the top in elevated position with respect to the body.

3. A desk comprising a body having side
5 walls with inclined upper edges, said body
having an open upper side, an adjusting
bar pivoted to the inner sides of the walls
adjacent to the rear of the body, a top
adapted to rest on the inclined edges of the
10 walls, links pivoted to the bar and to the
top, said links permitting the top to rest

upon the inclined edges in different positions, and a supporting standard pivoted to the body and adapted to be placed beneath the front portion of the top to hold the same 15 in elevated position.

In testimony whereof I affix my signature in the presence of two witnesses.

WILLIAM EDWARD WINTER.

Witnesses:

WALTER WELCH,
CLEMENCE C. PALMER.