

L. VOSS.
SCHOOL DESK.

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996,172.

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Fig. 1.

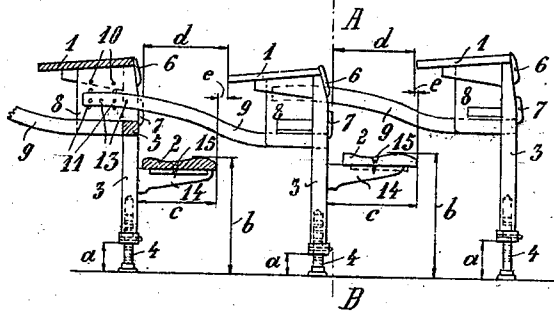


Fig. 2.

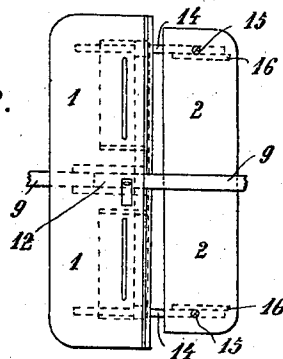
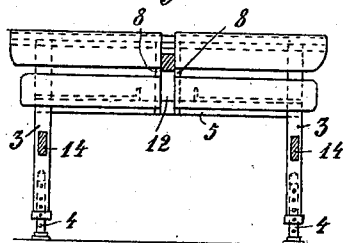


Fig. 3.



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UNITED STATES PATENT OFFICE.

LUDWIG VOSS, OF TRIER, GERMANY.

SCHOOL-DESK.

996,172.

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To all whom it may concern:

Be it known that I, LUDWIG VOSS, a citizen of the German Empire, residing at Trier, in the Province of Rhenish Prussia, Kingdom of Prussia, Germany, have invented certain new and useful Improvements in School-Desks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in school desks of the class where a row of desks with the seats thereto attached may be connected to each other by arms provided in a suitable place, preferably in the middle, in each desk and the object of my invention is to provide means permitting a person to easily and conveniently and without assistance adjust the desks and seats both with respect to their distance from each other as with respect to the height of each seat and desk, as the sizes and figures of their occupants may require.

I attain my object by the construction and relative arrangement of parts as hereinafter described and set forth and as shown on the drawing herewith in which—

Figure 1 is a side elevation of a row of desks with their seats placed behind each other, the last of the said seats and desks being shown in vertical section; Fig. 2 is a plan view of a desk with the seat attached thereto and Fig. 3 is a section on the line A—B of Fig. 1 as looked upon against the back of a desk.

The characteristic feature of my improved desk, distinguishing it from similar constructions as already known, is that the free end of the connecting arm of each desk may be adjustably secured in a space formed by a pair of partitions in the desk next behind and that in addition thereto the feet and seat of each desk may be adjusted in the way as known heretofore.

My improved desk consists of a top 1, supported by legs 3 to which there is attached a seat 2, and is provided with a connecting arm 9 which may be slightly curved in the form of an S. Each of the said legs has a foot-end adjustable in vertical direction in any suitable way, the drawing showing, by way of example, a screw vertically adjustable in a corresponding socket as is customary in the case of certain gymnastic apparatus. The legs 3 are on top connected with

each other by the aforesaid top 1 and a tie-bar 5. The back consisting in the example illustrated of boards 6, 7 does not uninterruptedly extend from one leg to the other, but there is an intermediate space left in the middle where a pair of vertical partitions 8 are provided, the said partitions 8 connecting the top 1 with the tie-bar 5 and the shelf-board. In the space thus provided between the said partitions 8, the top 1 and the tie-bar 5, and forming a kind of slot 12, the free end of the connecting arm 9 of the desk placed next behind may be inserted and detachably and adjustably secured. For this last mentioned purpose I provide the free end with perforations, on the drawing alternately marked 11, 13, four such perforations being shown in the example illustrated, and the said partitions 8 with corresponding perforations 10, arranged on the drawing in pairs disposed one above the other, the said perforations 10 being at such relative position and distance to and from each other that two alternate perforations 11, or, respectively 13, in the said arm may be brought in alinement with any pair of the perforations in the said partitions 8. Pins or screws may be passed through any such alined perforations to secure the said arms 9 in place.

According to the height at which the legs have been adjusted the free end of the connecting arm 9 assumes a corresponding vertical position in the aforesaid space 12, the perforations 11 or 13 in the said arm corresponding respectively as aforementioned with a pair of the perforations 10 provided above each other in the said partitions, so that while the perforations 10 correspond with the perforations 11, the distance d between the backs of the desk is larger than in the case when the former are in alinement with the perforations 13.

For horizontal adjustment the seat 2 may be detached from the brackets or supports 14 and secured thereon again in another position. In Fig. 2 screws 15 are indicated for the securement of the seat though any other kind of connection may be selected. The movement of the seat may be guided in the brackets 14 by or between the strips 16.

For the better understanding of my invention Fig. 1 shows the heights a of the foot-ends and also the heights b of the seats and the horizontal disposal c of the seats varying from each other. Also the dis-

tances d between the edges of the tops 1 and of the backs are unequal and so is the distance e between the front edges of the seats and the edges of the tops.

5 I claim:—

A desk having a forwardly extending arm, in combination with a desk having an opening in its back for receiving said arm and a pair of partitions extending forward
10 from the back of the latter desk at the sides of this opening, the said partitions and arm

being provided with means for locking the latter in any one of several positions of extension through this opening and thus regulating the interval between the said desks. 15

In witness whereof I have hereunto subscribed my name in the presence of two witnesses.

LUDWIG VOSS. [L.S.]

Witnesses:

CHAS. J. WRIGHT,
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
