

(No Model.)

W. C. BARTOL.
SETTEE ARM.

No. 518,130.

Patented Apr. 10, 1894.

Fig. 1.

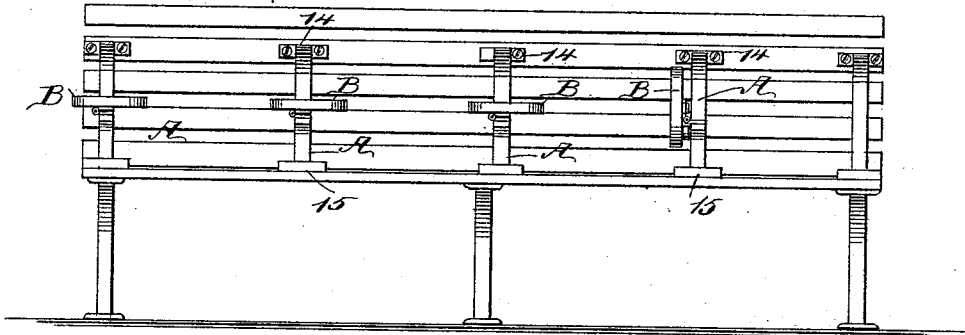
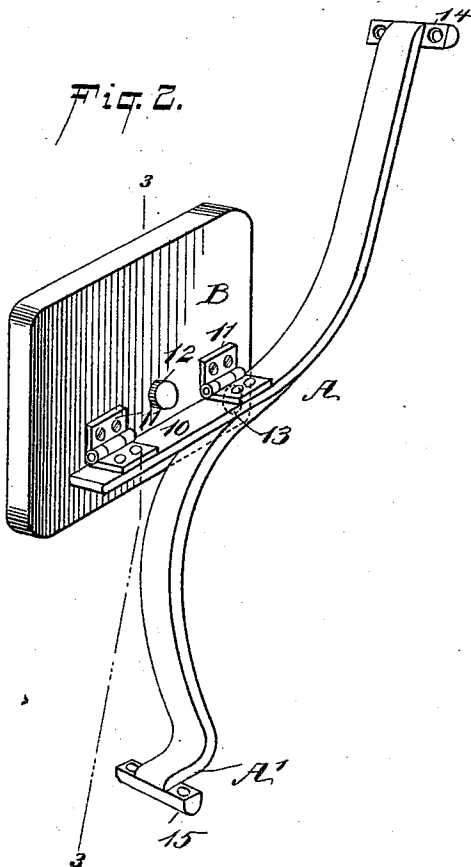


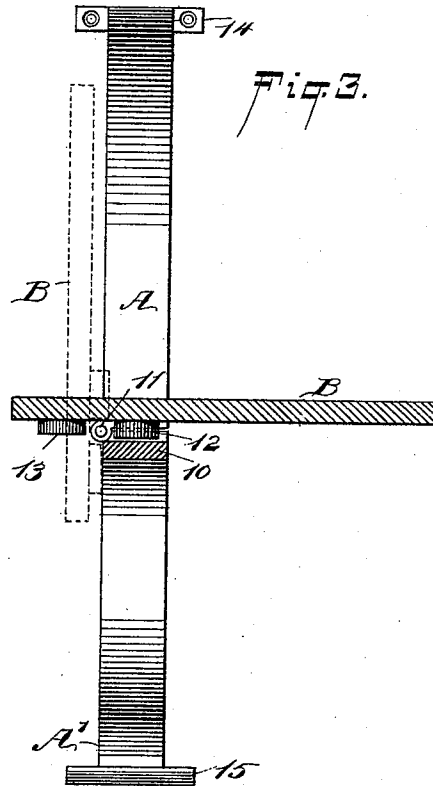
Fig. 2.



WITNESSES:

William Goebel.
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Fig. 3.



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WILLIAM C. BARTOL, OF LEWISBURG, PENNSYLVANIA.

SETTEE-ARM.

SPECIFICATION forming part of Letters Patent No. 518,130, dated April 10, 1894.

Application filed November 10, 1893. Serial No. 490,543. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM C. BARTOL, of Lewisburg, in the county of Union and State of Pennsylvania, have invented a new and Improved Settee-Arm, of which the following is a full, clear, and exact description.

My invention relates to a settee arm, and it has for its object to provide an arm especially adapted for use in connection with settees usually employed in colleges, schools, or lecture rooms, and to so construct the arm that it may be readily attached to any settee.

A further object of the invention is to provide a means whereby the arm may be provided with a table or paper support adjustably located thereon, the table or paper support being so placed that it may be carried to and be self supported in vertical position.

A further object of the invention is to provide a means whereby the table, when it is moved to either position, will be practically noiseless when it strikes the arm.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures and letters of reference indicate corresponding parts in all the views.

Figure 1 is a front elevation of a settee having the improved arm applied thereto. Fig. 2 is a perspective view of the arm and its table, the table being shown in a vertical position; and Fig. 3 is a section taken essentially on the line 3—3 of Fig. 2, with the table in horizontal position.

In carrying out the invention the arm A, is preferably made of metal, although any material may be employed that may be deemed desirable, and the arm is given any curve found advisable or most comfortable in practice. Usually the curve is a combined one, the upper portion of the outer face of the arm being concaved, and the lower portion convexed. At the junction of the two curves a horizontal extension 10 is carried outward from the front portion of the main body of the arm and upon this extension the table or paper support B, is located.

The table B may be made of any desired dimensions and of any approved material, and is connected with the extension 10 of the arm by means of hinges 11, or their equivalents, the connection being effected between the center and one edge of the table, preferably the outer edge, whereby when the table is placed in a horizontal position it will extend over the knee of the person occupying the seat adjacent to that arm, the arm being at the right-hand side of the seat. A sufficient space is allowed between the knuckle of the hinge and the outer edge of the table to provide for that portion of the table striking the outer portion of the arm when the table is carried to the vertical position, as shown in Fig. 2.

Two buffers or cushions 12 and 13, are secured upon the under face of the table, one of them being adapted for engagement with the top of the extension of the arm when the table is in a horizontal position, the other being adapted for engagement with the outer side of the arm when the table is placed in a vertical position; and since the cushions are made of rubber, or of a yielding material, the table will be practically noiseless when being placed in either position. By providing for the table assuming a vertical position, the pupils or occupants of the settee may conveniently gain access to, or have egress from their places upon the settee, and the arms may be placed closer together than if the table were held stationary in a horizontal position. It will be seen that the joint of the hinges coincides with the side edge of the arm, and hence, when the table is in vertical position, it is self-supported, since its under side then abuts the arm—as shown in Fig. 2. Such an arm will increase the seating capacity of lecture rooms and school rooms when employed in connection with settees instead of desks; and when used in connection with settees or like seats the arm will enable students to conveniently take notes of the lecture attended.

The arm is provided at its upper end with a half or three-quarter round bar 14, the flat side being outward. The bar extends beyond opposite sides of the arm proper, and is apertured to receive screws. The bar is secured

to the back of the arm in any suitable or approved manner, and at its lower end a horizontal foot A', is formed upon the arm, to the bottom of which a second bar 15, similar to the bar 14, is secured. The bars 14 and 15 enable the arm to be secured to settees of various sizes and styles, since the rounding shape of the bars will enable them to fit almost any form of back if the angle is not too great; but when the bar is made of three-quarter round iron ample play for adjustment will be afforded.

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

1. The combination with an arm adapted for attachment to a settee and having a horizontal extension, of a table which is hinged to said extension, the joint of the hinge being directly over one of the side edges of such extension, as shown and described.

2. An arm for settees or like seats, pro-

vided with a horizontal extension, and a table hinged between its center and one edge upon the extension, the table being provided with cushions adapted for engagement with the arm on its extension when the table is either in a horizontal or in a vertical position, as and for the purpose set forth.

3. A curved arm for settees having a straight middle portion for attachment of a table, and having three-quarter round iron bars attached to its ends, the cylindrical sides of said bars being outermost, as shown and described, whereby said arm is adapted for attachment to settees having seats and backs at different angles, in such manner that the middle portion is in horizontal position, as specified.

WILLIAM C. BARTOL.

Witnesses:

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A. H. WYNKOOP.