G. W. SCOTT.

SCHOOL FURNITURE.

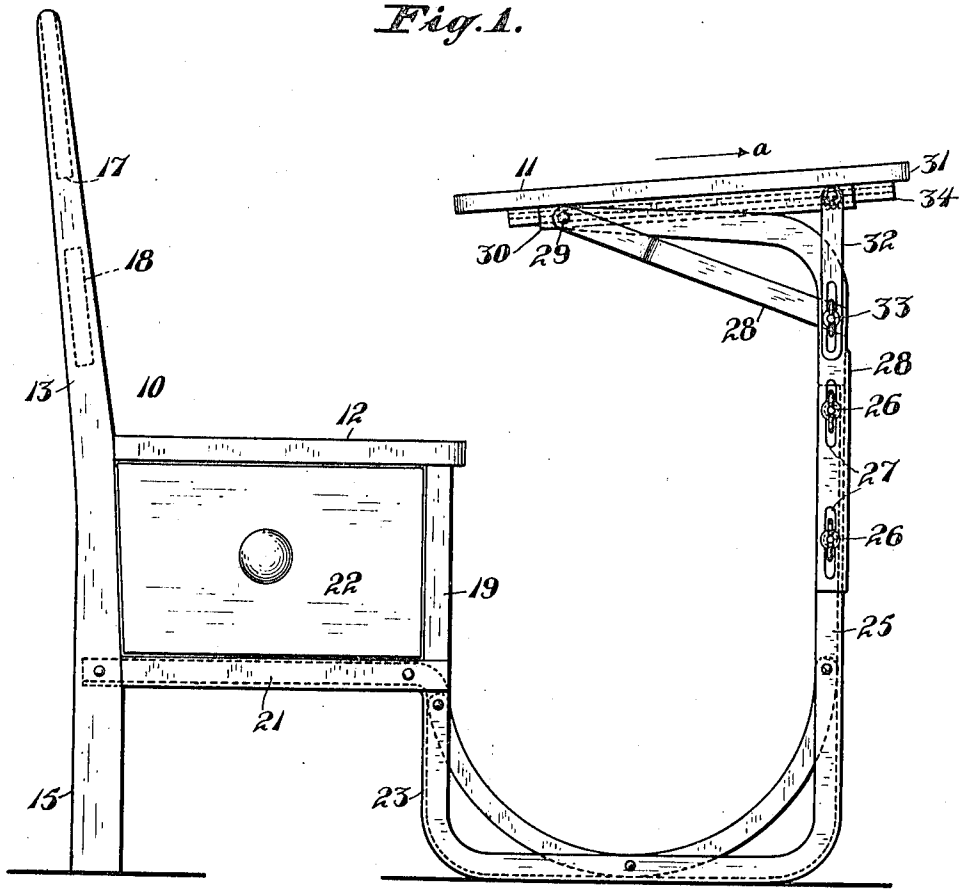
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Patented Oct. 8, 1918.

2 SHEETS—SHEET 1.

Fig. 1.



WITNESS

F. C. Fliedner

INVENTOR.

George W. Scott,

BY

Strong & Townsend

ATTORNEYS

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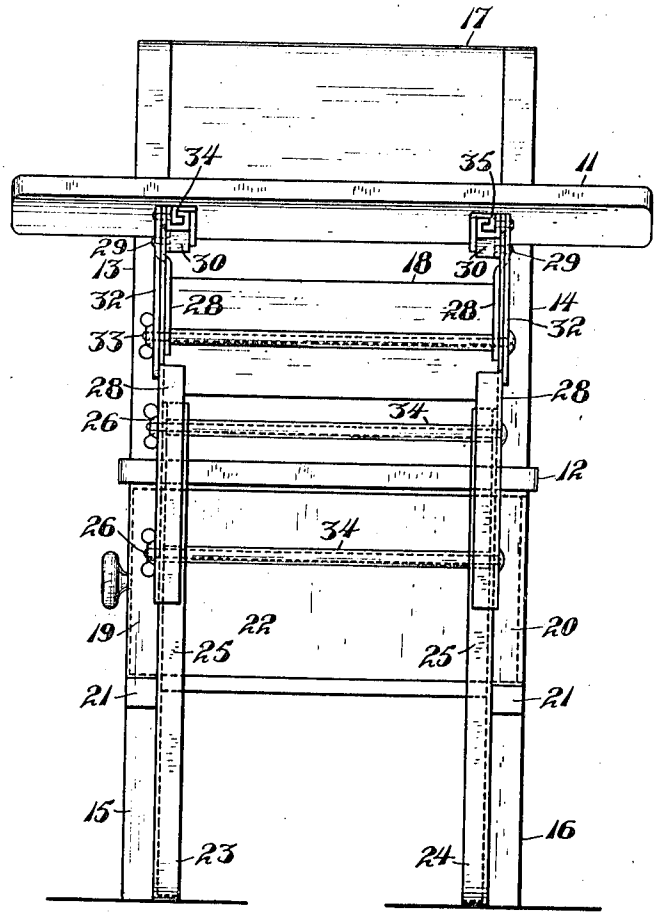
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2 SHEETS—SHEET 2.

Fig. 2.



WITNESS

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INVENTOR.

George W. Scott

BY

Strong & Townsend

ATTORNEYS

UNITED STATES PATENT OFFICE.

GEORGE W. SCOTT, OF SAN FRANCISCO, CALIFORNIA.

SCHOOL FURNITURE.

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To all whom it may concern:

Be it known that I, GEORGE W. SCOTT, a citizen of the United States, residing at the city and county of San Francisco and State of California, have invented new and useful Improvements in School-Furniture, of which the following is a specification.

This invention relates to an article of furniture, and particularly pertains to a combined desk and chair especially adapted for school use.

It is the principal object of this invention to provide a combined chair and table which are assembled to form a unitary structure and which are so united as to permit ingress and egress from either side of the chair.

Another object of this invention is to provide a combined chair and desk, the desk member of which may be adjusted vertically, disposed at various angles to the horizontal and is fitted with other means which permit the board of the desk to be moved inwardly and outwardly in relation to the chair, thus being capable of moving to an unobstructing position when a person is being seated in the chair.

Another object of this invention is to provide a device of the above character which is composed of few parts adapted to be readily assembled and manufactured in an inexpensive manner.

Further objects will appear hereinafter.

In carrying out the present invention, a chair of common construction is used, having a pair of rear legs and further supported by brackets which extend downwardly and then outwardly along the floor to provide supporting means for a table board adapted to be adjusted, as desired, in relation to its bracket.

The invention is illustrated by way of example in the accompanying drawings, in which—

Figure 1 is a view in side elevation, illustrating the desk and chair in their assembled relation to each other.

Fig. 2 is a view in front elevation further disclosing the correlation of the elements of the desk and chair.

Referring more particularly to the drawings, 10 indicates a chair, in fixed relation to which a desk 11 is positioned. The chair is provided with a seat 12, united with vertical back rails 13 and 14. These rails are of common construction extending downwardly to form rear legs 15 and 16 and upwardly to form the posts of the chair back. The posts are here shown as united by transversely disposed rails 17 and 18, preferably mortised into the opposing faces of the posts.

Extending downwardly beneath the front corners of the seat board are corner posts 19 and 20 which are united at their lower ends by horizontally extending rails 21 with the rear legs. In this manner a framework is formed beneath the seat for a drawer 22, here shown as being capable of being drawn outwardly from the side of the chair. A suitable handle or knob may be positioned upon the drawer of a design in keeping with that of the chair. The forward edge of the chair is supported by metallic brackets 23 and 24 which extend from the rear legs of the chair horizontally beneath the drawer. The brackets are bent downwardly on a line flush with the forward face of the posts 19 and 20 and extend to the floor, at which point they are bent forwardly. It will be understood that this bend in the brackets is so arranged as to provide the forward edge of the seat board with suitable supports similar to the rear legs and that the seat board will be maintained in a proper horizontal plane.

The bracket members extend forwardly along the floor. At a point in front of the chair and a predetermined distance therefrom the brackets are turned up to form vertical posts. The brackets so bent will form a U-shaped passageway in front of the chair which will allow ingress to and egress from either side of the chair. In the present instance the brackets form a space of about fifteen inches in width in front of the chair which is sufficient to provide knee room for the occupant of the chair.

The vertically extending posts 25 formed by the brackets terminate at a point slightly above the horizontal plane of the chair seat. Clamping bolts 26 are fixed to the posts in spaced relation to each other and adjacent to the upper terminating end previously specified. These bolts extend through longitudinally alined elongated slots 27 formed in table angle brackets 28. The angle brackets are particularly shown in Fig. 1, where they will be seen to possess a straight downwardly extending shank, preferably of angle section, which is bent upwardly and outwardly to form a flat bar, at the termi-

nating end of which pivot pins 29 are positioned. These angle members extend in a general direction toward the chair and provide support for guideways 30 upon which the table board 31 is slidably held. The supporting guideways are provided at their rear ends with shackle bars 32 which are pivotally connected therewith and extend downwardly to be clamped by the action of a clamping bolt 33. It is to be understood that the bolts 26 and 33 extend across and through the members specified and that spacing pipes 34 are interposed between the members and the bolts to hold the two brackets 23 and 24 in spaced relation to each other, as well as the angle brackets 28. The table board is fitted with a pair of fixed ways 34 and 35 which engage the guideways 30 to permit the table board to be moved toward and away from the chair, thus allowing easy egress and ingress.

In use, the chair is disposed as desired and stands upon the two rear legs 15 and the downwardly extending portions of the brackets 23 and 24. When the chair is unoccupied the desk board 31 is moved to an extreme forward position in the direction indicated by the arrow *a* in Fig. 1. The chair may then be occupied, it being readily seen that ingress and egress may be had from either side of the chair after which the desk board may be drawn forward and adjusted by the occupant of the chair. Prior to occupancy or thereafter the angle members 28 may be vertically adjusted as well as the shackle bars 32. This insures that the desk will be properly adapted for the individual requirements of the occupant.

It will thus be seen that the combined structure here disclosed provides a desirable article of school furniture within which a chair and desk are incorporated in a unitary manner and which allows the occupant to have ingress or egress from the chair from either side thereof and further insures that the desk may be accurately adjusted, vertically, horizontally and angularly.

While I have shown the preferred form of my invention as now known to me, it will be understood that various changes in the construction, combination and arrangement of parts herein shown and described may be made by those skilled in the art without departing from the spirit of my invention as claimed.

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

1. In school furniture, a seat, rear floor engaging legs for the seat, front corner posts depending from the seat, brackets having horizontal parts connected to the rear legs and to the front posts and having parts extending downwardly in alinement with the front posts, said brackets also having horizontal parts which seat on the floor and vertical parts which extend upwardly from the front end of the horizontal parts, a desk, and means to support the desk from the upwardly extending parts of the bracket.

2. In school furniture, a seat having rear floor engaging legs, a pair of brackets having upper horizontal parts connected to said legs and having parts extending downwardly and then forwardly and horizontally to engage the floor and terminating in upwardly extending parts, means to support the front of the seat from said upper horizontal parts of the brackets, a desk, and means to support the desk from the upwardly extending parts of the brackets.

3. In school furniture, a pair of vertical supports, brackets having vertical parts secured to said supports and having angular parts extending forwardly of the supports, guide-ways pivoted at one end to the front ends of the angular parts of the brackets, shackle bars pivoted at their upper ends to the guide ways and depending from the latter, means to adjustably connect the lower ends of the shackle bars to the brackets, a desk, and means to slidably connect the desk to said guide-ways.

4. In school furniture, vertical supports, brackets, means to vertically adjust the brackets on said supports, guide-ways, means to pivotally connect the guide-ways at the forward ends of the latter to the brackets, bars pivoted to the guide ways and depending therefrom, means to adjustably connect the bars to the brackets so as to enable the rear ends of the guide-ways to be held at varying vertical elevations, a desk, and means to slidably connect the desk to said guide-ways.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

GEORGE W. SCOTT.

Witnesses:
W. W. HEALEY,
M. E. EWING.