May 6, 1958 J. A. TRAIN 2,833,331

COMBINATION CHAIR AND BLACKBOARD

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Fig. 1.

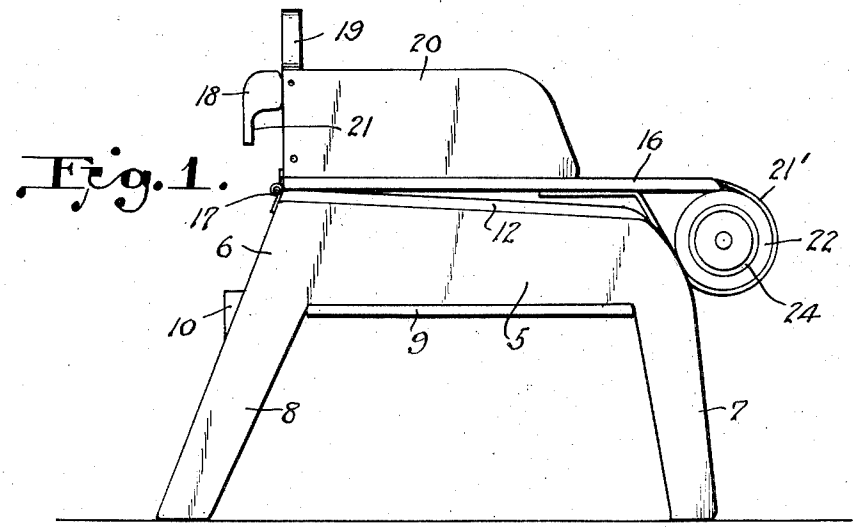


Fig. 2.

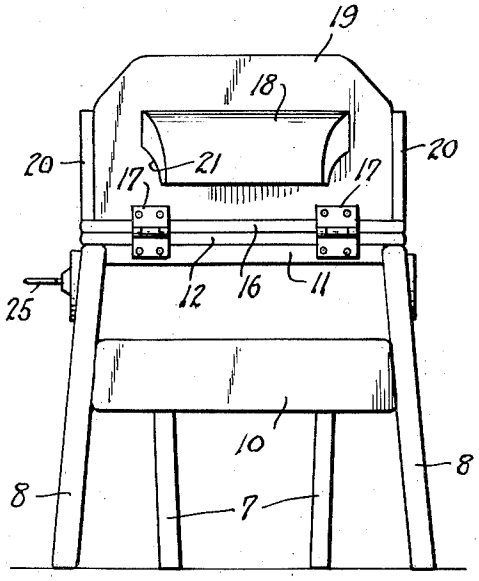
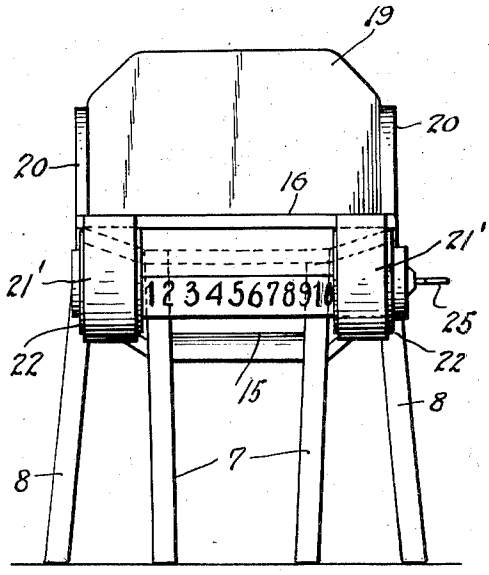


Fig. 3.



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Fig. 6.

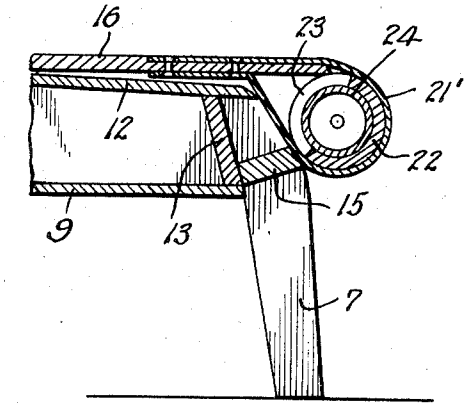


Fig. 4.

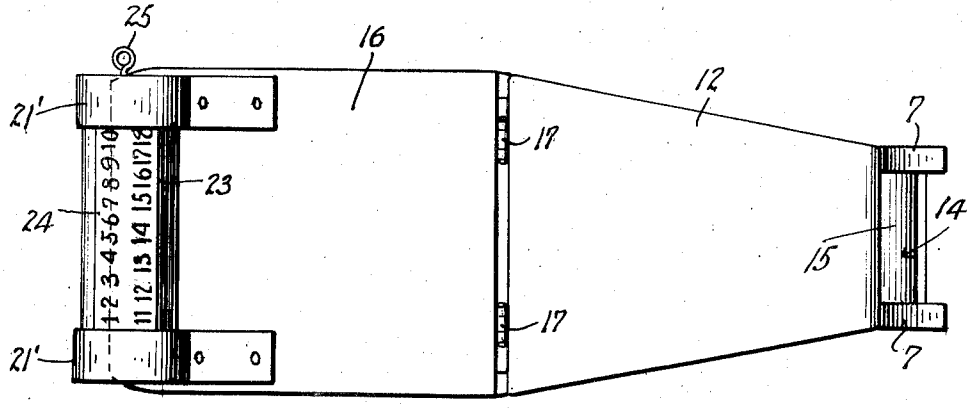


Fig. 5.

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United States Patent Office 2,833,331 Patented May 6, 1958

2,833,331

COMBINATION CHAIR AND BLACKBOARD

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Application July 12, 1956, Serial No. 597,486

1 Claim. (Cl. 155—2)

This invention relates to a combined desk, chair and blackboard, the primary object of the invention being to provide a desk chair having a stationary bottom and a movable bottom which is pivoted to the chair frame in such a way that the movable chair bottom normally rests directly on the stationary bottom, the movable chair bottom being so constructed and arranged that it may be swung vertically to an inclined position and properly sloped with respect to the stationary bottom for the convenience and use as a blackboard, for the person seated on the chair.

Another object of the invention is to provide a desk chair wherein the movable bottom has one of its surfaces constructed to provide a blackboard which will be concealed during the normal use of the device as a desk chair but will be exposed when the movable bottom is swung upwardly.

Still another object of the invention is to provide a desk chair with a vertically swinging bottom having a transversely disposed stop bar arranged along one edge thereof which when the movable bottom is swung upwardly to an inclined position, will hold the movable bottom in working position as a blackboard by its contact with the chair frame.

A further object of the invention is to provide a roll on which indicia are provided for a guide in teaching the forming of numbers, letters or other selected objects, the numbers, letters or selected objects being arranged so that the person using the combined desk and chair as a blackboard, will have full view of the same.

Other and further objects and advantages of the invention will be hereinafter described and the novel features thereof defined in the appended claims.

Referring to the drawings:

Fig. 1 is an end elevational view of a combined desk chair and blackboard folded for use as a chair.

Fig. 2 is a rear end elevational view thereof.

Fig. 3 is a front elevational view thereof.

Fig. 4 is a longitudinal sectional view through the combined desk chair and blackboard, the blackboard being in its extended position for use by a person seated on the chair.

Fig. 5 is a plan view of the combined desk chair and blackboard.

Fig. 6 is a fragmental sectional view through the forward end of the combined desk chair and blackboard.

Referring to the drawings in detail, the combined chair and blackboard embodies a frame comprising identical side sections **5** comprising horizontal side members **6** with front legs **7** and rear legs **8** that provide the support for the chair in the usual manner.

Connected with the lower edges of the side sections **5**, is a horizontal shelf **9** that has its corners cut away to fit around the legs **7** and **8**, thereby providing a brace for the leg members **7** and **8** and at the same time providing a shelf on which books or similar material may be positioned for ready access by the person using the combined desk chair and blackboard. A connecting bar **10** is connected between the rear legs **8** of the chair and further brace the chair. This connecting bar, while it provides an adequate brace for the rear chair legs, also provides a stop for a stop bar to be hereinafter more fully described, and which forms a part of the movable seat section of the chair.

The reference character **11** indicates a wide bar which forms a part of the frame of the combined desk chair and blackboard, the ends of the bar **11** being secured between the side sections at points adjacent to the rear legs **8**, as better shown by Fig. 2 of the drawings.

The stationary bottom or seat section **12** is secured to the upper surfaces of the side sections **5** and is so constructed that the side edges thereof converge towards the front end of the combined desk chair and seat, providing a convenient seat for a person using the blackboard, to be hereinafter more fully described.

At the front end of the frame, is arranged a transverse bar **13** which has its side face disposed vertically, providing a rear wall of a compartment **14** of which the bar **15** forms the bottom, thereby providing a compartment which is easily accessible at the front end of the frame for the reception of papers, pencils or the like.

Hingedly connected to the rear edge of the wide bar **11**, is a vertically swinging seat section **16**, the hinges **17** which connect the seat section to the frame, are so arranged that the seat section may swing vertically from a position as shown by Fig. 1 of the drawings, to a position as shown by Fig. 4 of the drawings. In this position, it will be seen that the stop bar **18** rests directly on the upper edge of the connecting bar **10** providing a support for the seat section **16** to secure the seat section **16** in its proper inclined position with respect to the stationary bottom or seat **12** for convenience of the person using the combined seat and blackboard as a blackboard.

In this connection, it might be stated that the lower surface of the seat section **16** is flattened in the conventional manner to form a blackboard which when the seat section **16** has been moved to a position as shown by Fig. 4, is exposed for use by a person seated on the stationary bottom or seat section **12**.

As better shown by Fig. 4 of the drawings, the stop bar **18** is secured to the back rest **19** that forms a part of the seat section **16**, there being provided side members **20** extending along the side edges of the seat section **16** and connected with the rear bar **19** providing arm rests for the pivoted seat section **16**, when it is swung to a position as shown by Fig. 1 of the drawings and used as a seat. It might be here stated that the stop bar **18** as shown by Fig. 1 of the drawings, is cut away at **21** so that a hand hold is provided by means of which the rear end of the combined desk seat and blackboard may be conveniently moved.

Secured along the front edge of the pivoted seat section **16**, by means of the straps **21'**, is a cylinder **22** which is of the stationary type and has a cut away portion providing a sight opening **23** through which indicia formed on the cylinder **24** may be viewed by persons seated on the stationary bottom or seat section **12** to act as a guide in teaching the forming of letters or numbers.

It will of course be understood that the cylinder **24** is provided with a knob or fingerpiece **25** so that the cylinder **24** may be rotated to change the numbers, letters or objects to be viewed through the sight opening **23**.

From the foregoing it will be seen that due to the construction shown and described, I have provided a combined desk chair and blackboard which, when the device is to be used as a blackboard, the seat section **16** is swung from a position as shown by Fig. 1 of the drawings to the position as shown by Fig. 4, which leaves the underside of the seat section **16**, which is constructed to provide a blackboard, in an inclined position for the con-

venience of a person seated on the stationary bottom or seat section 12.

When it is desired to use the device as a seat only, the seat section 16 is swung downwardly to the position as shown by Fig. 1 wherein the blackboard surface of the seat section 16 is concealed and the seat section 16 may be conveniently used as a seat.

It will further be noted that the device may be readily converted from a seat to a blackboard, or vice versa, at the convenience of the operator.

Having thus described the invention, what is claimed is:

A desk chair comprising a chair frame embodying a transverse bar and including a stationary bottom or seat and a vertically swinging auxiliary seat section hingedly connected to said frame adjacent to one end of said stationary bottom or seat, the lower surface of said auxiliary seat providing a blackboard surface, a back rest forming a part of said auxiliary seat, and a stop bar extending laterally from the rear surface of said back rest adapted to engage said transverse bar of the seat frame for holding said auxiliary seat in an inclined position with respect to the stationary seat, exposing said blackboard surface.

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