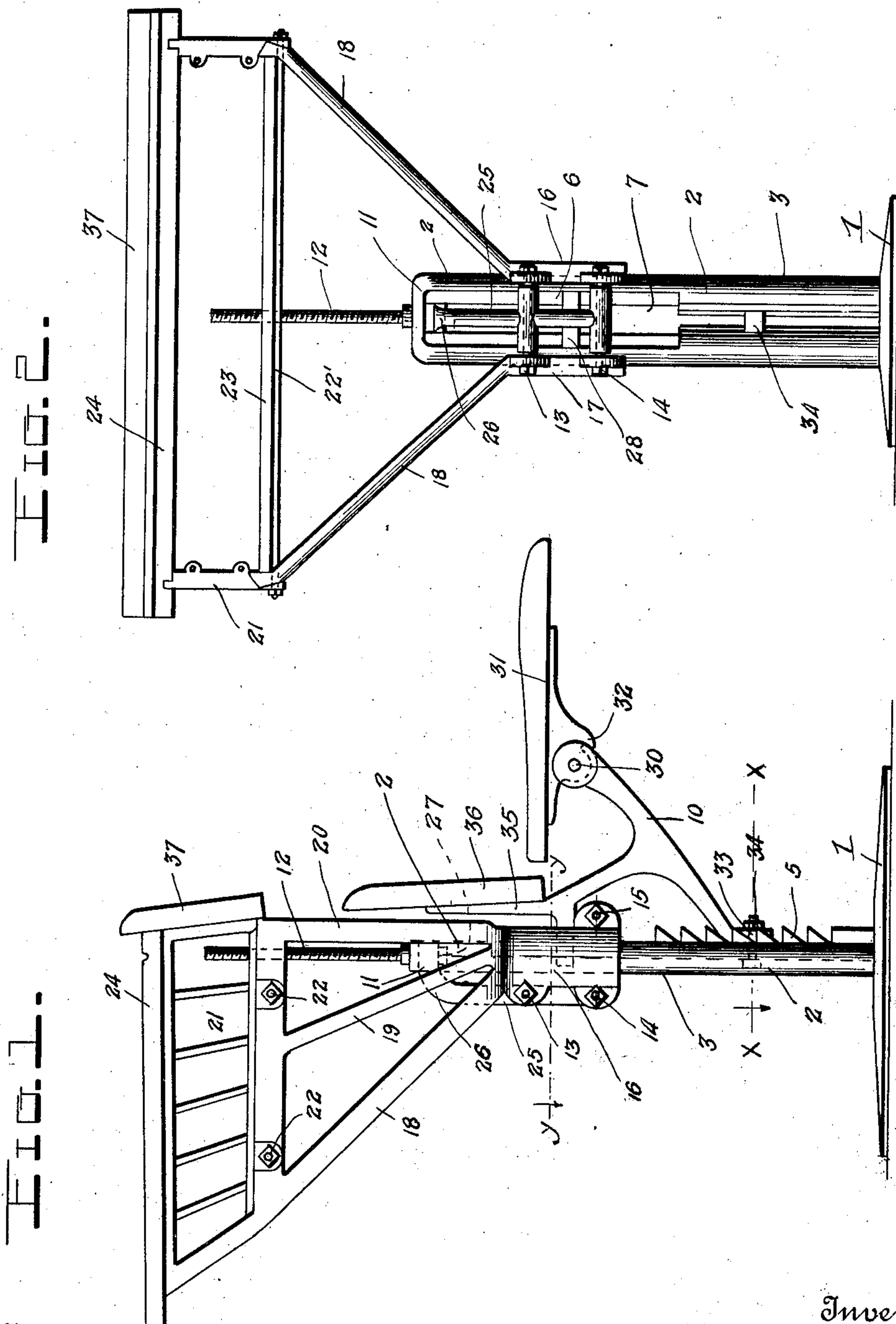


No. 896,640.

PATENTED AUG. 18, 1908.

W. KIMMEL.
COMBINED DESK AND SEAT.
APPLICATION FILED DEC. 2, 1907.

3 SHEETS—SHEET 1.

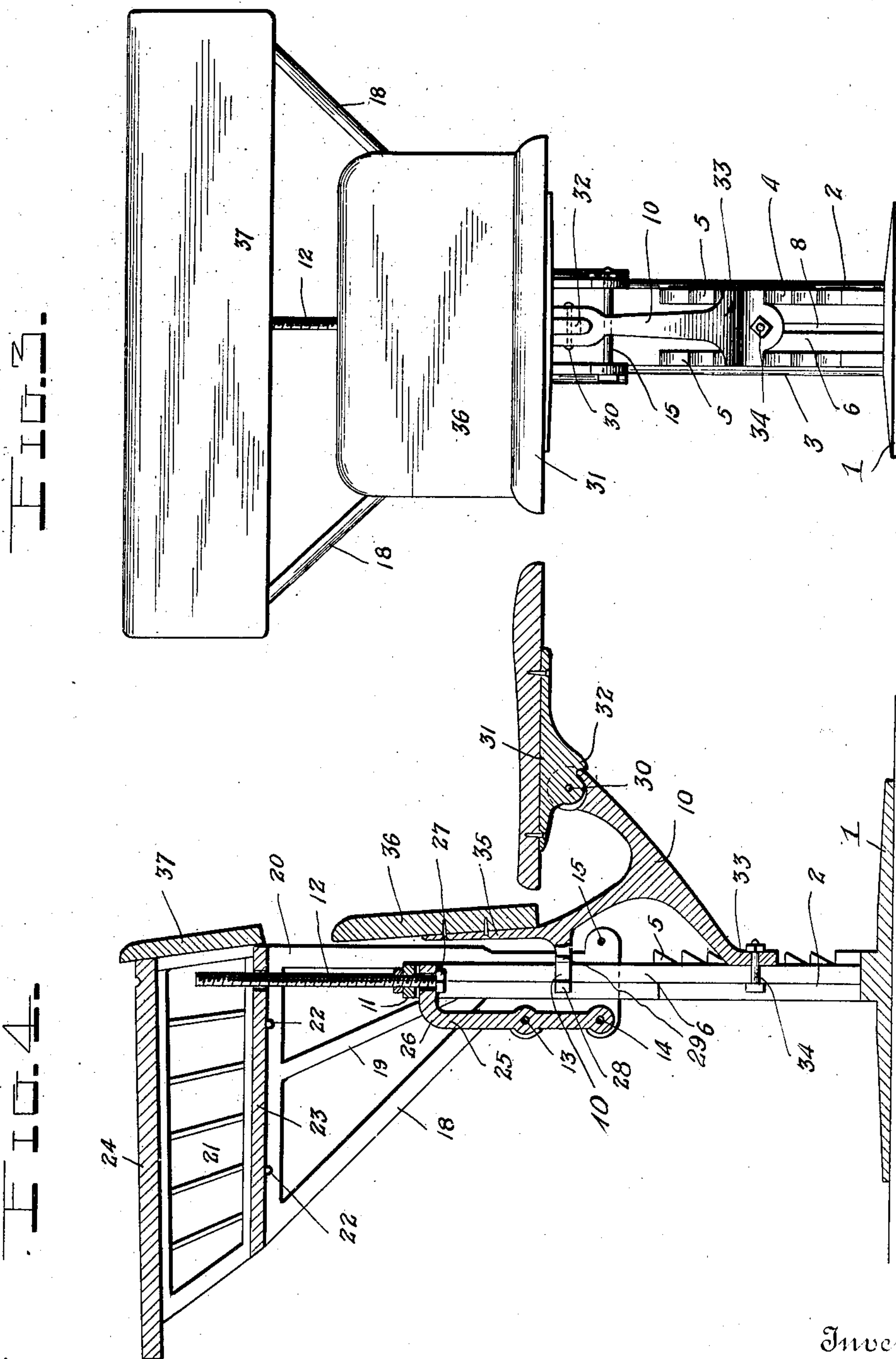


Witnesses
Chas. L. Griesbauer.
C. H. Griesbauer.

Inventor
William Kimmel.
By *A. B. Wilson & Co.*
Attorneys

W. KIMMEL.
COMBINED DESK AND SEAT.
APPLICATION FILED DEC. 2, 1907.

3 SHEETS—SHEET 2.



Witnesses

Chas. L. Griesbauer.
C. H. Griesbauer.

By

W. Kimmel.
H. B. Wilson & Co.

Attorneys

No. 896,640.

PATENTED AUG. 18, 1908.

W. KIMMEL.
COMBINED DESK AND SEAT.
APPLICATION FILED DEC. 2, 1907.

3 SHEETS—SHEET 3.

FIG. 5.

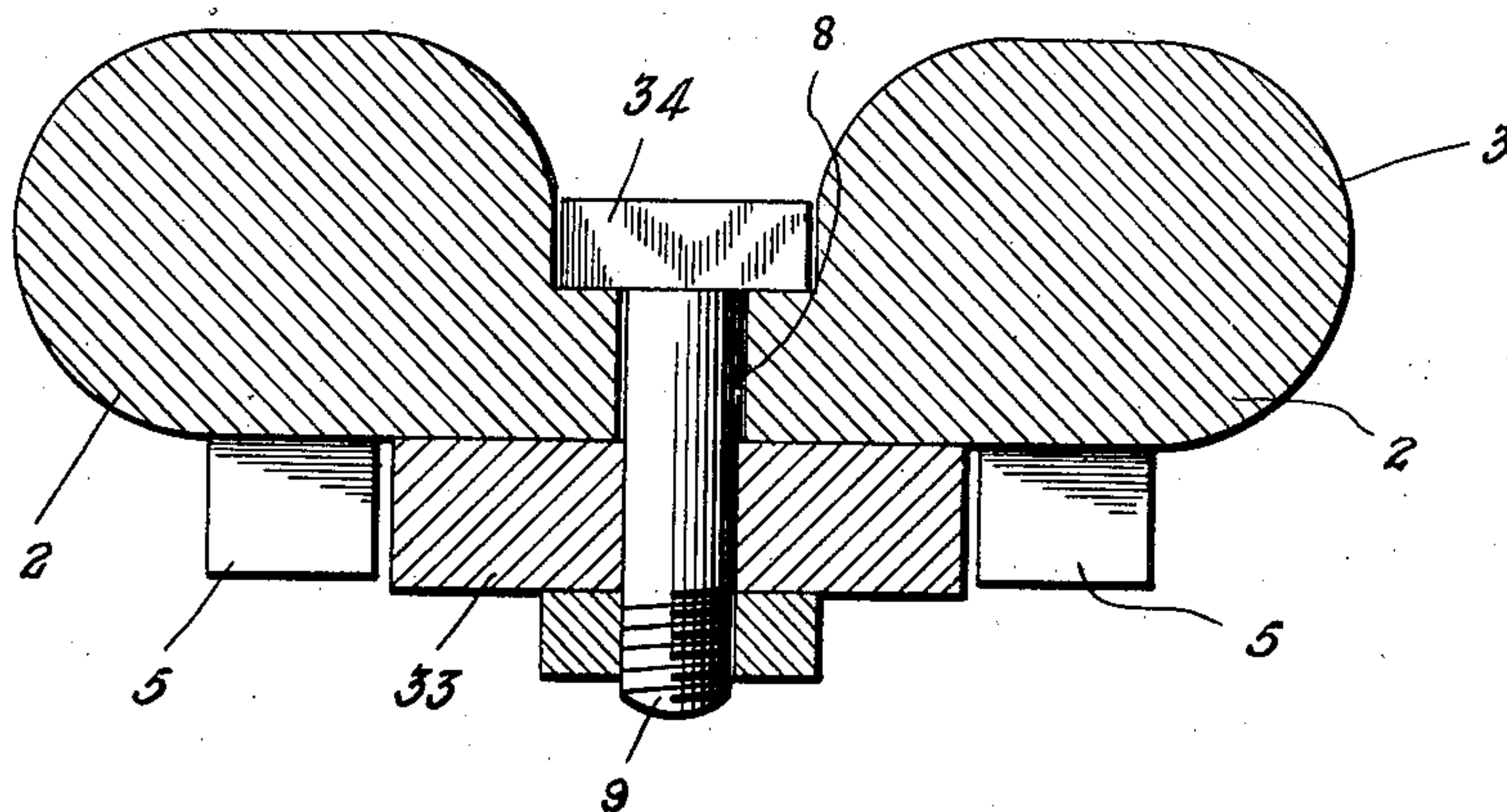
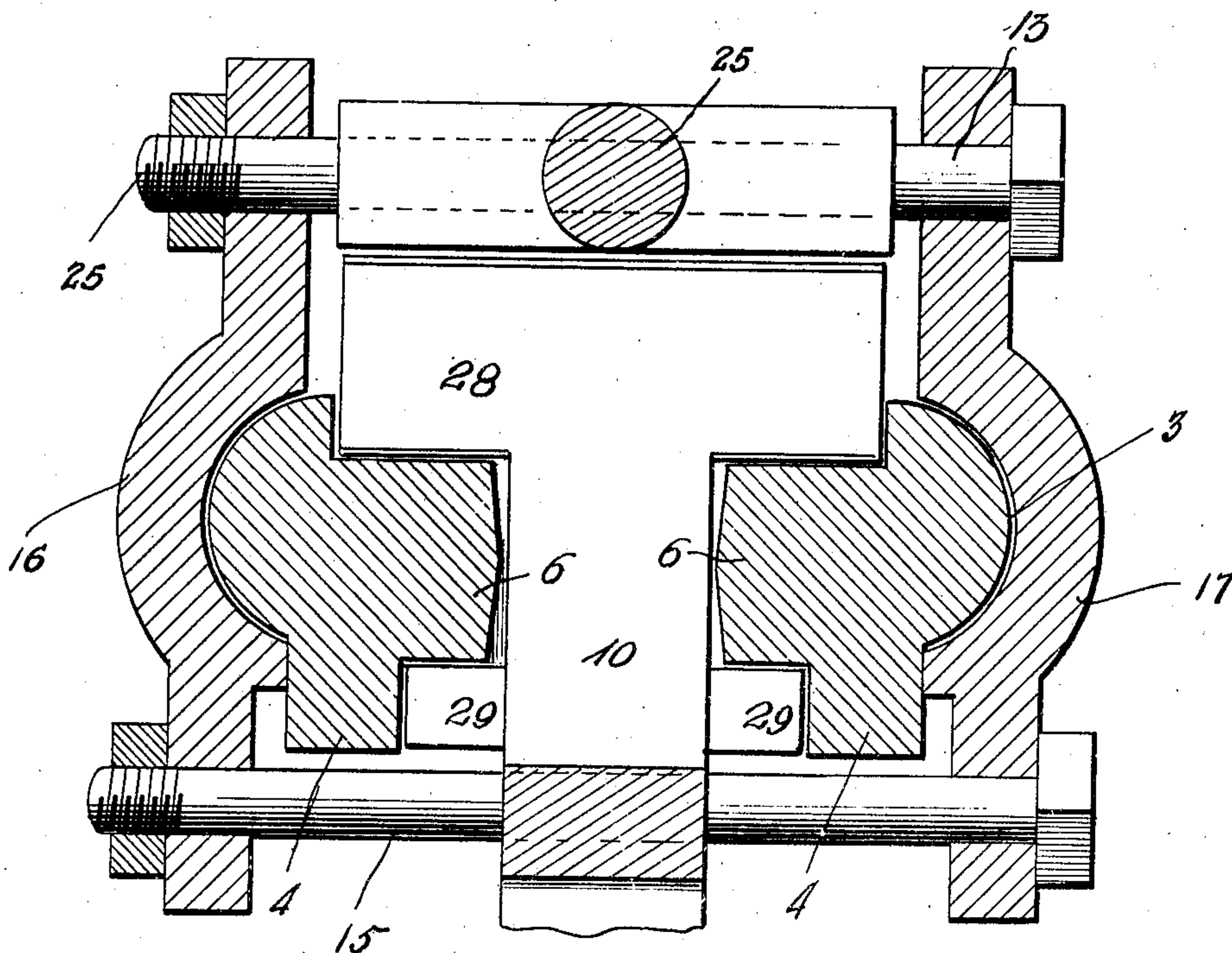


FIG. 6.



Witnesses

Chas. L. Giesbauer.
C. H. Giesbauer.

Inventor

William Kimmel.

By

H. B. Wilson & Co.

Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM KIMMEL, OF ZANESVILLE, OHIO.

COMBINED DESK AND SEAT.

No. 896,640.

Specification of Letters Patent.

Patented Aug. 18, 1908.

Application filed December 2, 1907. Serial No. 404,703.

To all whom it may concern:

Be it known that I, WILLIAM KIMMEL, a citizen of the United States, residing at Zanesville, in the county of Muskingum and State of Ohio, have invented certain new and useful Improvements in a Combined Desk and Seat; and I do 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 combination furniture, and especially to that type used in class rooms, *i. e.*, combination desks and seats.

The object of the invention is to provide a substantially constructed chair and desk, which will be cheap to manufacture, will have a neat appearance, and which may be conveniently and expeditiously adjusted.

With the foregoing and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts, as will be more fully described and particularly pointed out in the appended claims.

In the drawings,—Figure 1 is a side elevation of a combined desk and seat; Fig. 2 is a rear elevation thereof; Fig. 3 is a front elevation; Fig. 4 is a vertical longitudinal section; Fig. 5 is a horizontal section taken on line $x-x$ of Fig. 1, and on an enlarged scale; and Fig. 6 is a horizontal section taken on line $y-y$ of Fig. 1.

Referring more especially to the drawings, 1 represents a suitable base, which is secured to the floor by screws or in any other preferred manner so as to support the vertically extending pedestal 2. The shape of this pedestal is better shown in cross section in Fig. 5 and in the front elevation of the desk in Fig. 3, where it will be seen to have a round outer bearing face 3, and forwardly projecting webs 4 provided with ratchet teeth 5, and inwardly projecting webs 6, which define a vertical slot 7. As shown in Figs. 3 and 5, this slot is made of varying widths, the lower portion 8 being made to accommodate a relatively small clamping bolt 9, and the upper portion being enlarged somewhat to accommodate the cross-head casting 10 of the seat. The pedestal 2 extends up to a point some distance above the normal level of the seat, and is there arched over at 11 to form a bearing portion for the desk adjusting screw 12.

Secured by bolts 13, 14 and 15 to the side of the pedestal 2, are side plates 16 and 17, each provided with three diverging arms 18, 19 and 20, which extend upward from the plate and are integrally connected with the base of the desk, to which is connected the sides 21. These sides are spaced apart and held in parallel relation with each other by spacing bolts 22, which pass from one side to the other and support the desk shelf 23. A suitable top 24 is provided and is secured to the sides in any preferred manner.

Secured to the side members by the bolts 13 and 14 is an L-shaped connecting member 25, which extends up for a suitable distance above the point where the arms 18, 19 and 20 diverge from the side plates, and then extends over forwardly, as at 26 where it is apertured, to loosely receive the bolt head 27 of the adjusting screw 12. This adjusting screw is threaded within the supporting portion 11 of the pedestal, and when the bolt head 27 is turned in a proper direction, the desk, through its supporting members 18, etc., is either raised or lowered upon the pedestal, as desired. The casting 10 is provided with a cross head 28, which is adapted to engage the rear side of the webs 6 to prevent the forward movement of the casting. Lugs 29, extending from either side of the horizontal arm of the casting, engage the webs 6 in the front to prevent the casting from moving backward. Both of the lugs and the cross head are shown so positioned with respect to the web that transverse movement is impossible, but vertical reciprocation is permitted.

Integral with the horizontal arm of the casting 10 is a substantially T-shaped member, upon the upper end of which is formed a socket joint 30, upon which is pivoted the seat support 31. This seat support is provided with a projecting lug 32, which prevents the downward movement of the forward end of the seat past its horizontal position, but permits the seat to fold back adjacent the pedestal.

The lower end of the member projects downwardly and is provided with a laterally extended portion 33, which is adapted to engage the teeth of the rack 5, so as to operate in conjunction with the cross head to allow of the adjustment of the seat. A bolt 34 is passed through a portion 33, and is headed to engage the webs of the pedestal to prevent

scholars or unauthorized persons from moving the seat. Extending vertically from the horizontal member of the casting 10 is a back support 35, to which is secured the back 36, as by screws or other fastening devices. A supplemental back 37 is carried by the sides of the desk and forms the back of the compartment therein, which is defined by the bottom 23 and the top 24.

When it is desired to adjust the seat, the bolt 34 is loosened and the portion 33 removed from the rack teeth so as to raise the desk up or down, as desired, the cross head sliding idly on the webs 6. If it is desired to adjust the seat to such an extent that it would affect the back seat, the bolt 14 has to be removed, and after the seat is adjusted, replaced.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention, as defined in the appended claims.

Having described my invention, I claim:—

1. In a combined desk and seat, a support, a split pedestal projecting vertically therefrom, desk supporting members, a supplemental supporting member carried by the desk supporting members, and means connected to said supplemental supporting member and the pedestal for adjusting the desk.

2. In a combined seat and desk, a support, a split pedestal extending vertically there-

from, an adjustable seat carried by the pedestal, desk supporting members, a supplemental supporting member carried thereby, and means engaging said supplemental supporting member and the pedestal for adjusting the desk.

3. In a combined desk and seat, a support, a split pedestal extending vertically therefrom, supporting members for the desk, a supplemental support carried thereby, an adjusting screw carried by the pedestal and engaging the supplemental supporting member to adjust the desk, a seat, means to adjust the seat upon the pedestal, and means to hold said seat in adjusted position.

4. In a combined desk and seat, a support, a pedestal extending vertically therefrom, desk supporting members surrounding said pedestal, a supplemental supporting member attached intermediately to said supporting members, an adjusting screw carried by the pedestal and engaging said supplemental supporting member whereby the desk may be adjusted, webs on said pedestal, said webs defining a vertical channel, a seat supporting member provided with means to engage said webs and prevent transverse movement of said member, means for adjusting said member vertically, means for holding it in adjusted position, and a seat pivotally secured to said member.

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

WILLIAM KIMMEL.

Witnesses:

F. B. TORBERT,
EDWD. R. MEYER.