

(No Model.)

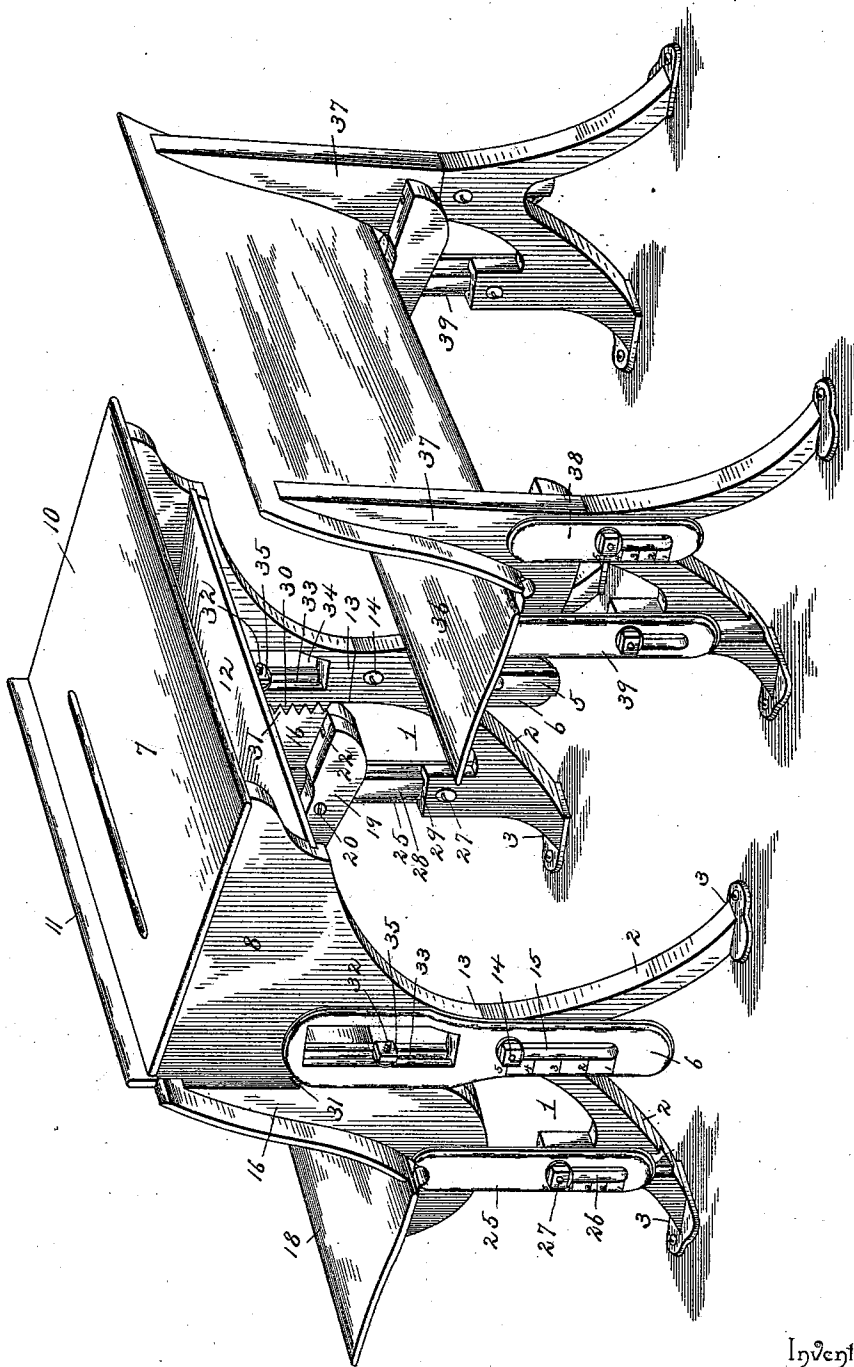
2 Sheets—Sheet 1.

J. J. BASKERVILLE.
SCHOOL DESK AND SEAT.

No. 550,091.

Patented Nov. 19, 1895.

FIG. 1.



Inventor

James J. Baskerville.

By His Attorneys,

Cash & Co.

Witnesses

Harry L. Ames.
J. B. Rose.

(No Model.)

2 Sheets—Sheet 2.

J. J. BASKERVILLE.
SCHOOL DESK AND SEAT.

No. 550,091.

Patented Nov. 19, 1895.

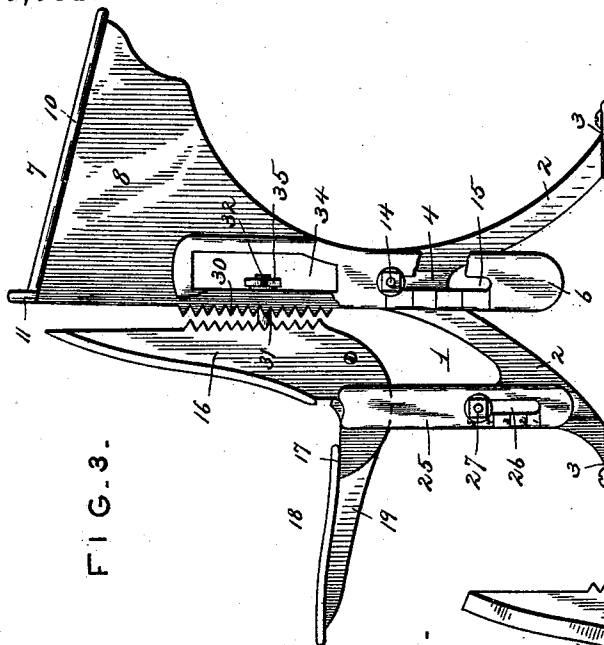


FIG. 3.

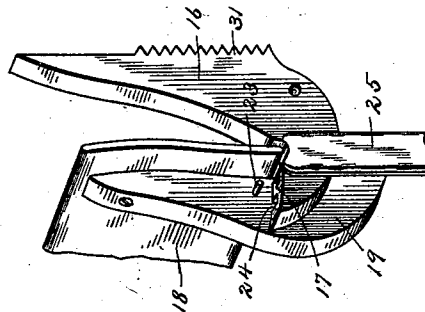


FIG. 4.

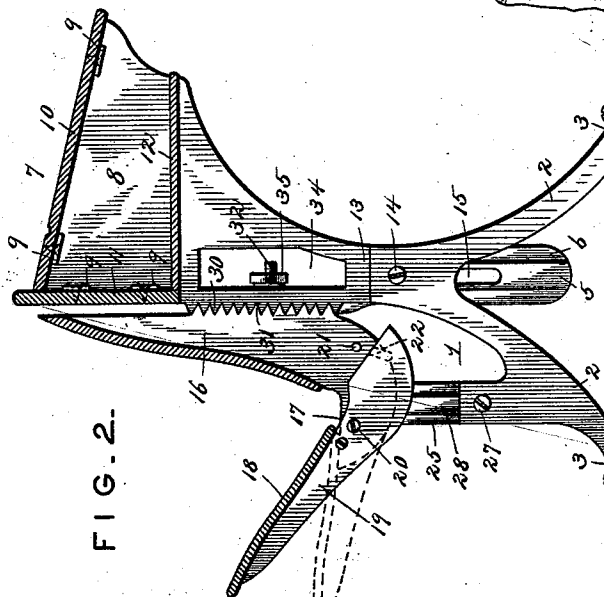


FIG. 2.

Inventor

James J. Baskerville.

By his Attorneys,

C. A. Snow & Co.

Witnesses
Harry L. Amer
J. J. Baskerville

UNITED STATES PATENT OFFICE.

JAMES J. BASKERVILLE, OF DULUTH, MINNESOTA, ASSIGNOR OF ONE-HALF
TO JOHN A. WATTERWORTH, OF SAME PLACE.

SCHOOL DESK AND SEAT.

SPECIFICATION forming part of Letters Patent No. 550,091, dated November 19, 1895.

Application filed April 13, 1895. Serial No. 545,604. (No model.)

To all whom it may concern:

Be it known that I, JAMES J. BASKERVILLE, a citizen of the United States, residing at Duluth, in the county of St. Louis and State of Minnesota, have invented a new and useful School Desk and Seat, of which the following is a specification.

My invention relates to a school desk and seat, and has for its object to provide simple and efficient means whereby the same may be adjusted and locked at the desired adjustment to suit pupils of different sizes, and particularly to provide means whereby either the desk or the seat may be adjusted independently of the other.

Further objects and advantages of the invention will appear in the following description, and the novel features thereof will be particularly pointed out in the appended claims.

In the drawings, Figure 1 is a perspective view of a school desk and seat, together with a seat designed as the terminal seat of a row, said parts being constructed in accordance with my invention. Fig. 2 is a vertical central section of the connected seat and desk. Fig. 3 is a side view of the same, showing the parts in the positions which they assume when the desk is to be adjusted. Fig. 4 is a detail view in perspective of one of the back uprights of the seat.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

The seat supports or standards 1 are provided with downwardly-divergent legs 2, terminating in feet 3, which are adapted to be screwed or otherwise fastened to the floor, said supports or standards being provided on their outer sides with vertical cross-sectionally rectangular grooves 4 for the reception of ribs 5 on the inner surfaces of arms 6, depending from the desk 7. The sides 8 of the desk are of metal and are provided at their upper and rear edges with inwardly-extending lugs 9 for engagement by screws for securing the top 10 and the back 11 to the frame, and the inner surfaces of said sides are horizontally grooved for the reception of the lateral edges of the shell 12. The depending arms 6 are provided with abrupt shoulders

13 to engage the upper ends of the standards 1, and thus limit the downward movement of the desk, and bolts 14 engage horizontal openings near the upper ends of the standards and vertical slots 15 in the arms 6, whereby the desk may be locked at any desired vertical adjustment.

The back uprights 16, which are arranged at their rear edges adjacent to the front edges of the depending arms 6, are curved forward at their lower ends to form rests 17 for the seat 18, said seat being provided with cleats 19, which are pivoted by means of screws 20 to the inner sides of the forwardly-curved lower ends of the back uprights. Stationary stop-pins 21 project from the inner sides of the back uprights to engage notches 22 in the rearwardly-projecting portions of the cleats 19, and corresponding stop-pins 23 are carried by said cleats in front of their pivotal points to engage notches 24, formed in the rests 17. The back uprights are provided with depending arms 25, having slots 26 for engagement by bolts 27, which extend through suitable openings in the desk supports or standards 1 in advance of the arms 6, and said depending arms 25 are provided on their inner sides with webs 28, which fit in vertical grooves 29 in the outer sides of the supports or standards.

The depending side arms 6 are provided at their front edges with racks or roughened faces 30 and the seat-uprights 16 at their rear edges with corresponding racks or roughened faces 31, which are adapted to mesh or interlock with those on the side arms, whereby when the parts are adjusted to the proper height and secured in such position the seat and desk are mutually supporting and are held from independent displacement. The means for holding these racks or roughened faces in engagement consist of bolts 32, which extend horizontally through the back uprights and engage vertical slots 33 in the side arms 6, said slots being accessible through openings 34, formed in said arms to provide for the application and adjustment of the nuts 35.

In the terminal seat 36 (shown in Fig. 1) the only difference in construction from that above described consists in the provision of the back uprights 37 with duplicate depending arms 38 and 39, which are slotted and are

held in place by means similar to those above described. In this case the seat does not depend upon a contiguous desk construction for support, and hence it is necessary to provide it, as described, with front and rear depending arms.

From the above description it will be seen that when the parts are adjusted to the desired position and are locked in place the desk and seat are mutually supporting, particularly with regard to front and rear strain, the interlocking or engaging racks or roughened faces serving to prevent independent or relative vertical movement of the parts.

When it is desired to adjust the device to suit a pupil of a given height, the desk and seat may be adjusted together after loosening the bolts 14 and 27; but in addition to this either the desk or the seat may be adjusted independently of the other in order to vary the interval between the planes of the seat and desk-top.

When it is desired to adjust the desk, the bolts 14 are loosened and the nuts 35, which engage the bolts 32, are unscrewed sufficiently to allow the desk to fall to the rear slightly, and thereby disengage the racks or faces 30 and 31. The desk may then be raised or lowered to the desired height, after which the tightening of the nuts 35 will lock the same in place, and the subsequent tightening of the bolts 14 will finally lock the members and prevent vibration in use. In the same way the seat may be adjusted independently of the desk, and in order that either the desk or the seat may be raised a given distance I preferably provide the depending arms thereof with scales arranged contiguous to the slots in said arms, said scales being marked to indicate inches and fractions thereof.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

Having described my invention, what I claim is—

1. In a school desk, the combination with fixed supports or standards, of a seat and a

desk mounted for independent vertical adjustment upon the supports or standards, independent means for locking them in their adjusted positions, interlocking faces carried, respectively, by the seat and desk and adapted to be disengaged when the locking means for one of said members are loosened to allow said member to be adjusted, and adjustable means for holding said faces in engagement to insure mutual support of the members, substantially as specified.

2. The combination with fixed supports or standards, of a seat and a desk provided with depending slotted arms having ribs fitting to slide in grooves in the supports or standards, bolts for securing said arms at the desired vertical adjustment, interlocking racks carried respectively by the seat and desk, and bolts engaging contiguous members of the seat and desk to hold said racks in engagement, substantially as specified.

3. The combination with fixed supports or standards, of a desk having depending side arms mounted for vertical adjustment upon the supports or standards, bolts engaging vertical slots in said arms to secure them at the desired adjustment, a seat having back uprights provided with depending slotted arms mounted for vertical adjustment upon the supports or standards, bolts for engaging the slots in said arms to secure the same at the desired vertical adjustment, racks carried respectively by the depending arms of the desk and the back uprights of the seat and adapted to interlock to provide mutual support for the desk and seat, and bolts secured in the back uprights extending through vertical slots in the side arms of the desk, and fitted with nuts, said nuts being accessible through openings formed in the side arms contiguous to the slots through which said bolts project, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JAMES J. BASKERVILLE.

Witnesses:

T. T. HUDSON,
B. J. CAMPBELL.