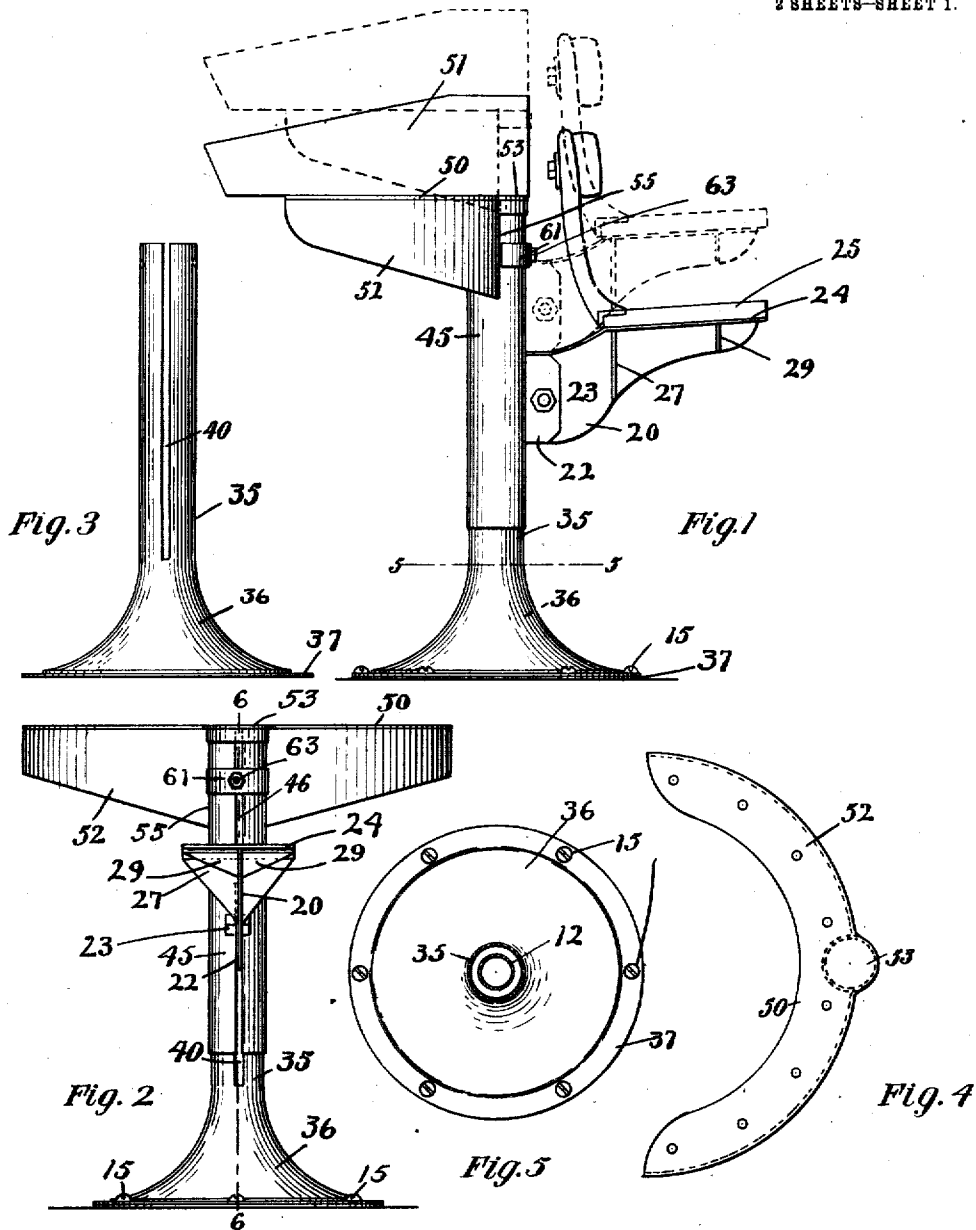


W. P. GETCHELL.
COMBINED DESK AND SEAT.
APPLICATION FILED JULY 28, 1911.

1,012,349.

Patented Dec. 19, 1911.

2 SHEETS—SHEET 1.



Witnesses;
H. B. Davis,
H. McDonald

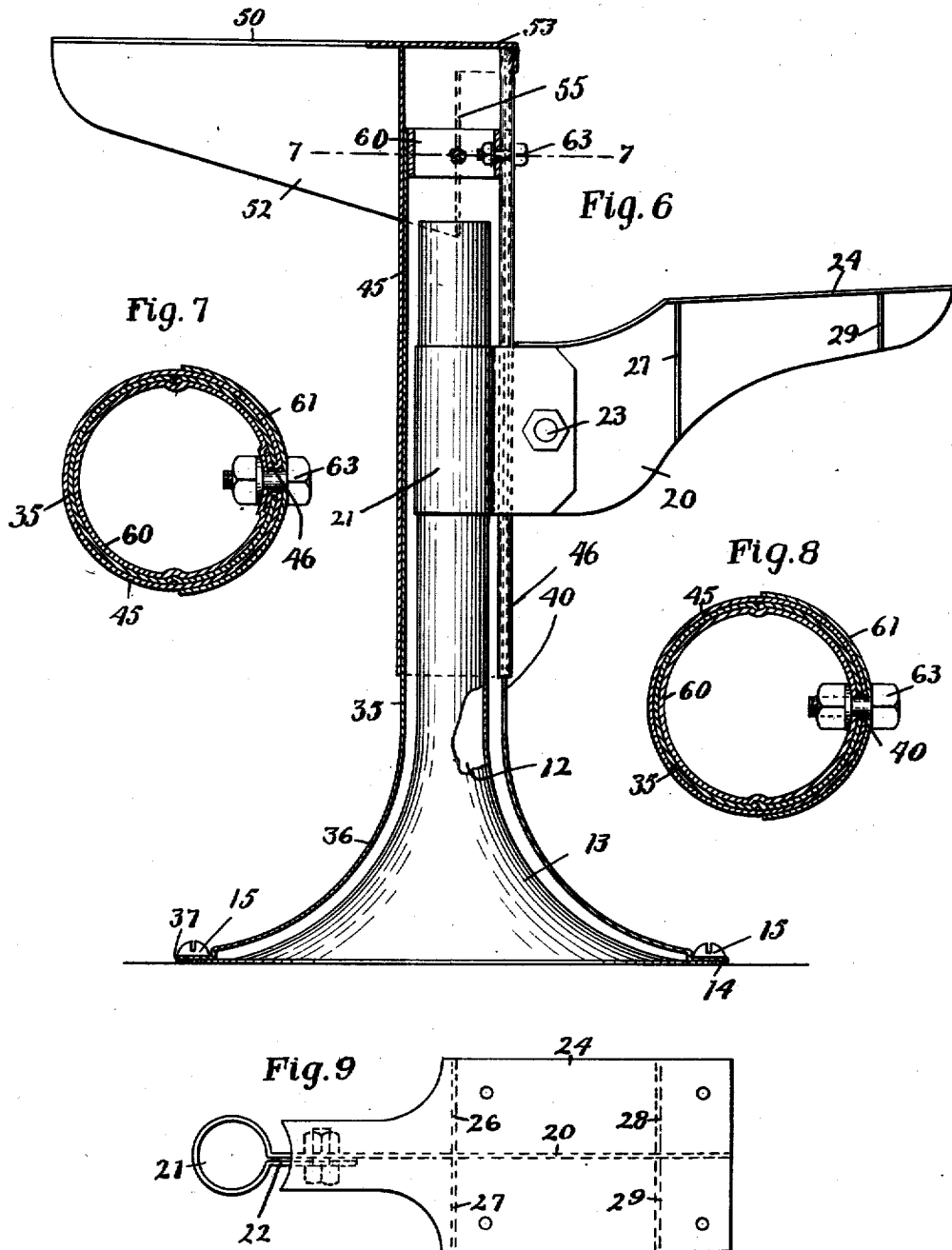
Inventor;
Wendell P. Getchell
By Wray & Hamman
Attys.

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UNITED STATES PATENT OFFICE.

WENDELL P. GETCHELL, OF BOSTON, MASSACHUSETTS.

COMBINED DESK AND SEAT.

1,012,349.

Specification of Letters Patent.

Patented Dec. 19, 1911.

Application filed July 28, 1911. Serial No. 641,080.

To all whom it may concern:

Be it known that I, WENDELL P. GETCHELL, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented an Improvement in Combined Desks and Seats, of which the following is a specification.

This invention relates to combined desks and seats for school-rooms, and has for its object to arrange the desk and seat respectively on two separate standards, whereby the vibration due to jarring of either standard will not be transmitted to the other; and to arrange said separate standards one within the other whereby the advantages of a single standard are secured, yet to provide for ample adjustment of both the desk and seat to different elevations.

Figure 1 is a side elevation of a combined desk and seat embodying this invention. Fig. 2 is a front elevation of the same, the desk and seat being removed from their supporting-brackets. Fig. 3 is a front elevation of the stationary part of the desk-supporting standard. Fig. 4 is a plan view of the desk-supporting bracket. Fig. 5 is a horizontal section of the standards taken on the dotted line 5—5 Fig. 1. Fig. 6 is an enlarged vertical section of the standards and desk-supporting-bracket, taken on the dotted line 6—6, Fig. 2. Fig. 7 is an enlarged cross-section of the movable part of the desk-supporting standard taken on the dotted line 7—7, Fig. 6. Fig. 8 is a similar cross-section of a modification to be referred to. Fig. 9 is a plan view of the seat-supporting bracket.

The seat-supporting standard consists of a hollow post 12, preferably cylindrical in form, having a coniform base 13, with a flat margin 14, enabling it to rest flat upon the floor, said margin being provided with holes for the attaching-screws 15. Said standard is preferably made of sheet steel, cut and pressed to form and welded by any suitable means.

The seat-supporting bracket is adjustably secured to said post, and, as here shown, consists of a piece of sheet steel, cut and bent to form a vertical plate or web 20, a circular portion 21, which extends around and snugly fits the post 12, and a portion

22 which overlaps the web 20, at the junction of said web and the circular portion. Said overlapping portion 22 and web 20 on which said overlapping portion rests have holes through them in alinement to receive a bolt 23, which is employed to secure the bracket to the post by causing the circular portion to frictionally engage said post. Upon the upper edge of said web 20 a flat plate 24 is arranged which is adapted to receive upon it a seat 25 of usual construction, and beneath said plate and extending at right angles from the web 20 other webs 26, 27, 28 and 29 are provided. All of the parts of said seat-supporting bracket are preferably made of sheet steel, cut and pressed to form and welded together by any suitable means.

The forward portion of the seat-bracket is elevated a short distance above the rear portion thereof, to support the seat in a slightly elevated position with respect to the connection of said bracket with the post. The sheet steel employed is quite thin, but sufficient strength is insured by making the webs and other portions of considerable depth.

The desk-supporting standard comprises two telescopically arranged sections, one of which is adapted to be secured to the floor and therefore held stationarily, and the other to have secured to it the desk, said latter section being made movable for the purpose of adjusting the desk to different elevations. The stationary section consists of a hollow post 35, preferably cylindrical in form, having a coniform base 36. Said post and base are made of larger dimensions throughout their length than the seat-supporting standard, so as to be placed over said seat-supporting standard, and arranged concentric thereto, but free from contact therewith, with the exception that the margin of its base is rabbeted to form a flat seat or portion 37, which is adapted to lie flat upon the flat margin 14 of the base 13, and said flat seat 37 has holes through it in line with the holes through the margin 14, so that the screws 15 may be projected through the holes in the margins of both bases for the purpose of securing both standards to the floor. The two separate supporting-

standards are thus concentrically arranged and secured to the floor, and are independent of each other, so that the vibration of either one will not be transmitted to the other, yet the sanitary advantages of a single standard are conserved. Said post 35 is formed with an elongated slot 40 extending from the top of the post to a point near the base, said slot admitting of the application and removal of the seat-supporting bracket, the portion of the vertical web of said bracket which adjoins the circular portion 21, entering said slot and being movable up and down therein. This supporting standard may be made of sheet steel, cut and pressed and welded by any suitable means. The movable section of said desk-supporting standard consists of a hollow post 45, preferably cylindrical, of suitable dimensions to form a sliding fit upon the outside of the hollow post 35, and it will be made of any required length, and it has an elongated slot 46 extended, as here shown, throughout its entire length, which is designed to register with the slot 40, so that the seat-supporting bracket may extend through both slots. If deemed necessary the material at the edges of the slot 46 may be reflexed to stiffen the post 35. At the top of said post 45 the desk-supporting bracket is arranged, which, as here shown, consists of a flat plate 50, semicircular in form, adapted to receive upon it and to have connected with it the desk 51; and a web 52 is arranged below said plate 50, along its outer margin, and preferably from end to end thereof, for the purpose of stiffening it.

The plate 50 has at a point intermediate its length a forward extension 53, semicircular in form, which extends over the top of the post 45, and together with the plate 50 entirely covers the top of said post, and the web 52 follows the margin of said plate 50, and also its extension 53, and abuts against the post 45, at opposite sides thereof, as at 55, while at the top of said post it extends around the front of the post. Said plate and web and post are all made of sheet steel pressed and welded together by any suitable means.

For the purpose of adjustably securing the post 45 to the post 35 a clamping-device is employed, which, as here shown, consists of an inner-ring 60, adapted to be arranged within the post 35, and an outer semicircular plate 61, arranged on the outside of said post 45, and a clamping-bolt 63 which passes through holes in said ring and plate, and occupies a position in the elongated slots in the posts, and upon tightening said bolt the parts will be firmly clamped. Adjustment may be made upon loosening said bolt.

While I have here shown all of the parts

employed in the construction of the device as made of sheet steel, which is pressed and welded together, as a preferable embodiment of my invention, yet it is obvious that said parts may be otherwise constructed and yet come within the spirit and scope of my invention.

I claim:—

1. The combined desk and seat herein described, consisting of a seat-supporting standard with a base adapted to be secured to a floor and a desk-supporting standard with a base adapted to be secured to a floor, arranged one within the other, a seat-bracket connected with one of said standards and a desk-bracket connected with the other standard, substantially as described.

2. The combined desk and seat herein described consisting of a seat-supporting standard and a desk-supporting standard, arranged one within the other, a seat-bracket connected with one of said standards, and a desk-bracket connected with the other standard, the outer standard having a slot permitting vertical adjustment of the bracket which is connected with the inner standard.

3. In a combined desk and seat, a hollow seat-supporting standard and a hollow desk-supporting standard, arranged one within the other, each standard having a coniform base, the margins of both bases being made flat, and arranged one upon the other to admit of screws passing through them to secure both standards to the floor, substantially as described.

4. In a combined desk and seat, two concentrically arranged standards, one having a seat-supporting bracket and the other a desk-supporting bracket, the outer standard having a vertical slot for adjustment of the bracket connected with the inner standard, and each standard having a coniform base adapted to be secured to the floor, substantially as described.

5. In a combined desk and seat, two concentrically arranged standards, one of said standards comprising two telescopically arranged sections and clamping-means for securing the uppermost section in different relative positions to the lowermost section, a seat bracket connected with one of said standards and a desk-bracket connected with the other standard, substantially as described.

6. In a combined desk and seat, two concentrically arranged standards, one of said standards comprising two telescopically arranged sections, both of which have an elongated slot arranged to register with each other and clamping-means for holding the uppermost section in different elevated positions with respect to the lowermost section, both of said standards having a coniform base, and means for securing said bases to

the floor, a supporting-bracket secured to the inner standard which extends through the slots in both sections of the outer standard, and a supporting-bracket secured to
5 the top of the uppermost section of the outer standard, substantially as described.

In testimony whereof, I have signed my

name to this specification, in the presence of two subscribing witnesses.

WENDELL P. GETCHELL.

Witnesses:

B. J. NOYES,

H. B. DAVIS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."