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J. NIVER

2,425,263

ARTICLE OF FURNITURE

Filed May 24, 1944

FIG. 1.

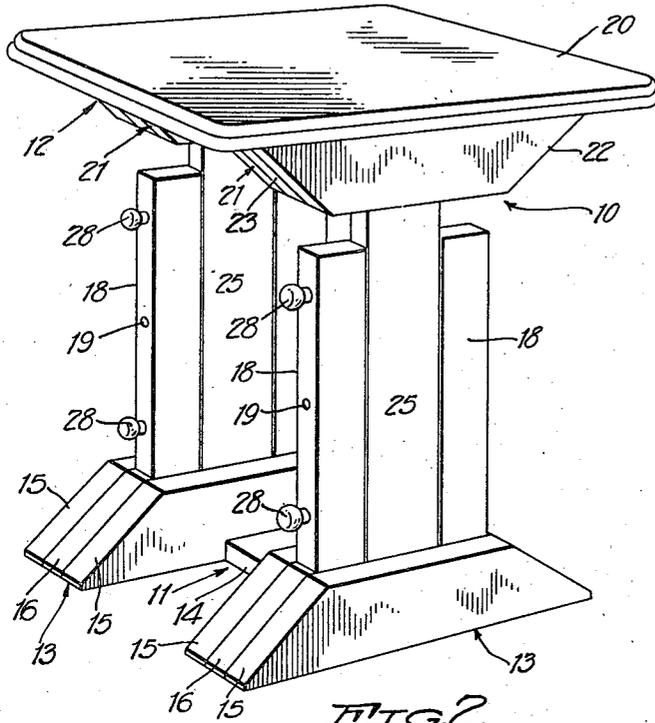


FIG. 3.

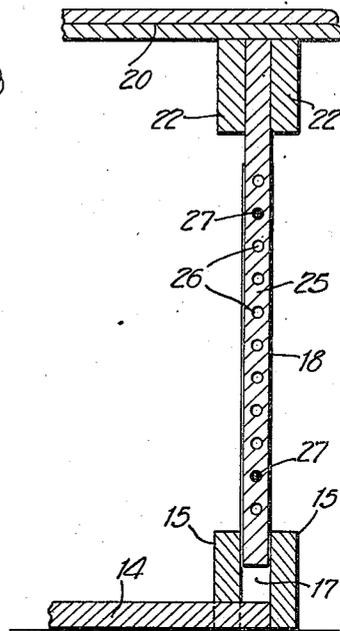


FIG. 2.

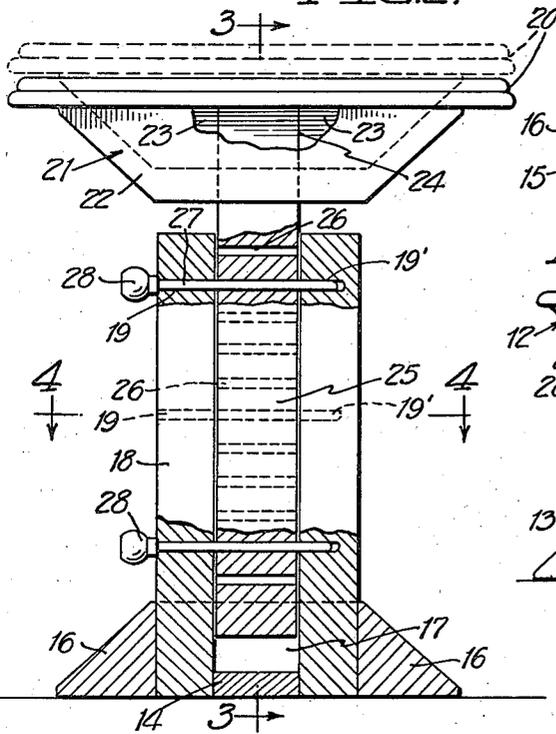


FIG. 4.

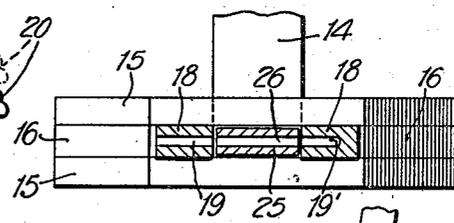
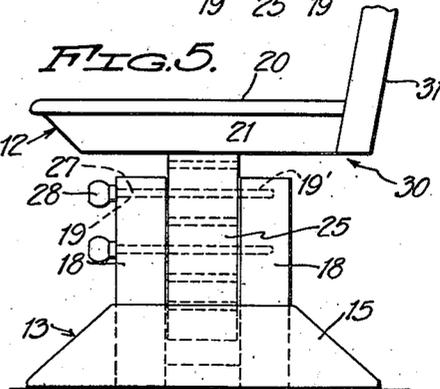


FIG. 5.



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ARTICLE OF FURNITURE

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Application May 24, 1944, Serial No. 537,053

1 Claim. (Cl. 311-39)

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This invention relates to improvements in articles of furniture such as tables and chairs, and more specifically to an article which is adjustable as to height.

The primary object of the invention resides in a table or chair which may be vertically adjusted according to the height of the person to make use of the same. Such articles of furniture may constitute a table and chair set for growing children from kindergarten age to a more advanced scholastic age. By periodically adjusting the articles of furniture in accordance with the growth of a child, the same enables the child to assume a comfortable and correct posture when seated at the table.

Another object of the invention is to provide an adjustable article of furniture which is strong and durable of construction, and easy to effect an adjustment thereof as to height.

Other novel features of construction will become apparent as the following specification is read in conjunction with the accompanying drawing, in which

Figure 1 is a perspective view of an article of furniture in the form of a desk or table constructed in accordance with my invention.

Figure 2 is a side elevational view of the table with parts broken away in section, the dotted lines indicating the supporting member in an adjusted position to a higher level.

Figure 3 is a fragmentary vertical transverse sectional view on the line 3-3 of Figure 2.

Figure 4 is a fragmentary horizontal sectional view on the line 4-4 of Figure 2.

Figure 5 is a side elevational view of my invention embodied in a chair.

Referring to the drawing by reference characters, the numeral 10 designates an adjustable article of furniture constructed in accordance with my invention, and in Figures 1 to 4, the same is embodied in a table or desk, although the same may be embodied in a chair as shown in Figure 5.

The table 10 broadly includes a pedestal base 11 and a supporting member 12 which is vertically adjustable relative to the base 11. The base 11 and member 12 are constructed of wood in a manner now to be explained.

The pedestal base 11 comprises a pair of spaced opposed base members 13-13 arranged in rigid parallel relation by a brace 14 which has its ends mortised into the inner sides of the base members and glued thereto. Each base member 13 comprises a pair of outer side pieces 15-15 held in spaced relation by intermediate end spacer

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pieces 16-16. The side and end pieces cooperate to provide an elongated slot 17 which receives the lower ends of a pair of spaced parallel uprights 18-18. The pieces 15 and 16 are glued together to form a single unitary structure. The lower ends of the uprights abut the inner ends of the end pieces 16-16 and are glued thereto and to the inner sides of the side pieces 15-15. The uprights 18-18 are rectangular in cross section and one of them is provided with spaced holes 19 extending horizontally therethrough. The other upright 18 is provided with sockets or holes 19' which respectively aline with the holes 19. The ends of the base members 13 are bevelled for appearance sake and to provide added foot room at opposite sides of the base.

The supporting member 12 comprises a flat supporting surface constituting a table top 20. Glued to the underside of the table top 20 and disposed in vertical alinement with the base members 13-13 are brace members 21-21. The ends of the brace members 21-21 are bevelled and each is constructed of a pair of spaced outer sections 22-22, and a pair of end spacer sections 23-23, said sections being secured together by glue and which coact to form a leg receiving socket 24. Snugly fitting into the socket 24 and glued to the walls thereof is the upper end of a depending leg 25. The length of each leg 25 is greater than the distance which the uprights 18-18 extend from their base members 13. Each leg 25 is rectangular in cross section and is slidably interposed between the flat inner confronting sides of the uprights. When the supporting member 12 is in a lowered position, the lower ends of the legs extend into the slots 17 in the base members 13-13. Each leg 25 is provided with a plurality of spaced holes 26, the distance between adjacent holes being an integral portion of the distance between adjacent holes 19 in the uprights and with which the holes 26 are adapted to aline.

For locking the supporting member 12 is a raised adjusted position relative to the base 11, I provide pairs of locking pins 27, each having a knob 28 at one end thereof. Each pin 27 is inserted into and through the alined holes 19 and 26 and into socket 19', the knobs 28 acting to limit insertion of the pins and providing a means by which the same may be firmly grasped for insertion and removal thereof.

In practice, the supporting table top 20 may be adjusted to various heights depending upon the size of the child who is to be seated at the table. To effect an adjustment, the pins 27 are removed from the holes 19 or are withdrawn sufficiently

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to clear the holes 26 in the legs. The supporting member 12 may now be slid upwardly or downwardly to dispose the flat table top 20 at the desired level, whereupon the pins are slid inwardly through the hole 19 and one of the holes 26 in alinement therewith and into the sockets 19'. By the range of adjustment which I am able to obtain, the table may be lowered to a position at which a small child of kindergarten age may be comfortably seated, and the table periodically adjusted to higher levels as the child grows older, thus making the table usable over the growing period of the child. By reason of the adjustment of the table to various levels, a child may assume a comfortable and correct posture when seated thereat.

The novel construction of adjustable article of furniture herein set forth provides for a strong and rigid structure, the same being absent of screws, nails, and other fastening elements which are likely to become loose. All parts are constructed of wood which are secured together by glued mortised joints.

In Figure 5 of the drawing, I have illustrated my invention as being embodied in a chair 30. The construction embodied in the chair 30 is identical to that set forth in the table 10 and corresponding parts are designated by like reference characters. The chair 30 has a back 31 secured to the flat supporting surface 20 and brace members 21, which surface in this article constitutes a seat. It is apparent that by the adjustable means heretofore described, the seat of the chair 30 may be vertically adjusted to different heights to conform to the size of the child to be seated thereon, and which construction of chair may be combined with the table 10 to form a set if so desired.

While I have shown and described what I consider to be the preferred embodiments of my invention, I wish it to be understood that such changes in construction and design as come within the scope of the appended claim may be re-

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sorted to without departing from the spirit of my invention.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent of the United States is:

An article of furniture comprising a pair of spaced opposed base members, a brace member rigidly securing the base members together, each base member comprising a pair of spaced parallel side pieces, end spacer pieces interposed between the side pieces and fixedly secured thereto and cooperating therewith to provide an elongated slot, a pair of uprights having their lower ends extending into the slot and respectively fitting against the inner sides of the end pieces, the lower ends of the uprights being fixedly secured within said slot, a supporting member comprising a flat supporting body, a pair of opposed legs secured to and depending from said body, each leg slidably fitting between a pair of the uprights and being of a length greater than the height of the portions thereof which extend beyond the top of their related base member, the slot adapted to receive the lower end of the leg when the supporting member is in a substantially lowered position, and means for releasably locking each leg member to its related uprights within the range of its sliding movement relative thereto.

JOSEPH NIVER.

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