

Oct. 28, 1941.

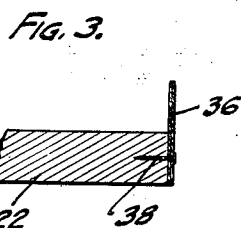
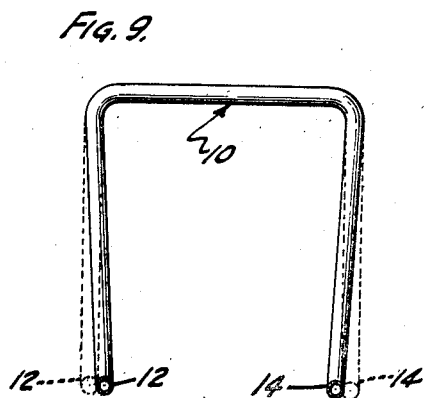
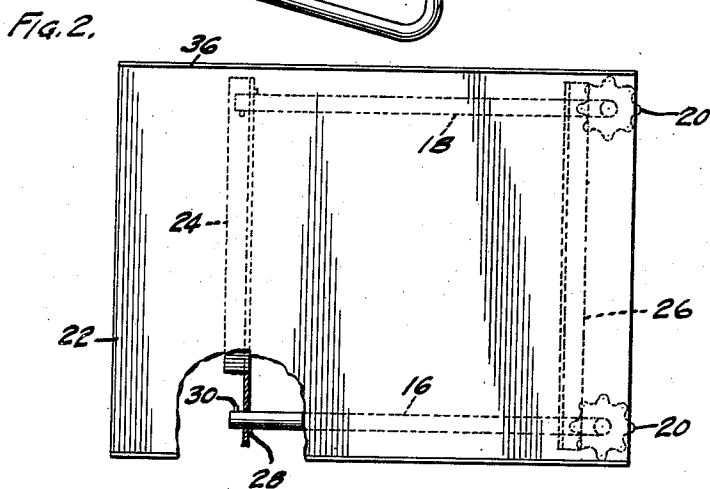
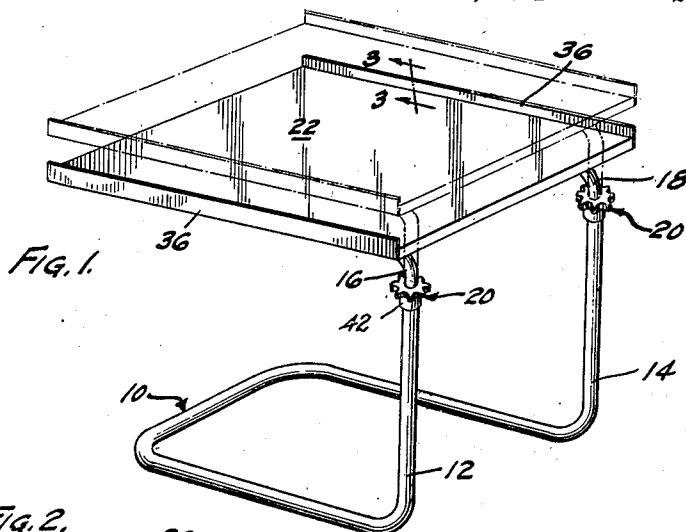
H. W. ANDERSON ET AL

2,260,732

UTILITY TABLE

Filed March 14, 1941

2 Sheets-Sheet 1



INVENTORS.
HERBERT W. ANDERSON
BY PHILLIP R. ANDERSON
Harry H. Higginson
ATTORNEY.

Oct. 28, 1941.

H. W. ANDERSON ET AL

2,260,732

UTILITY TABLE

Filed March 14, 1941

2 Sheets-Sheet 2

FIG. 4.

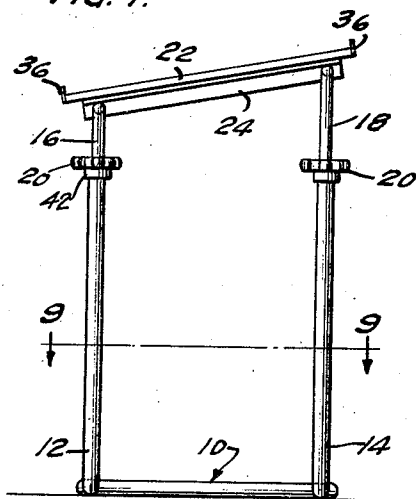


FIG. 6.

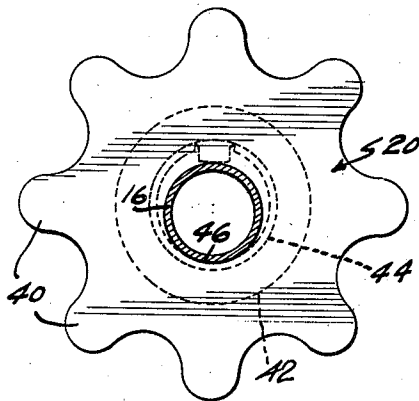


FIG. 7.

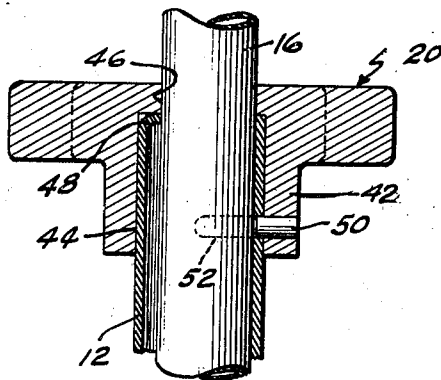


FIG. 5.

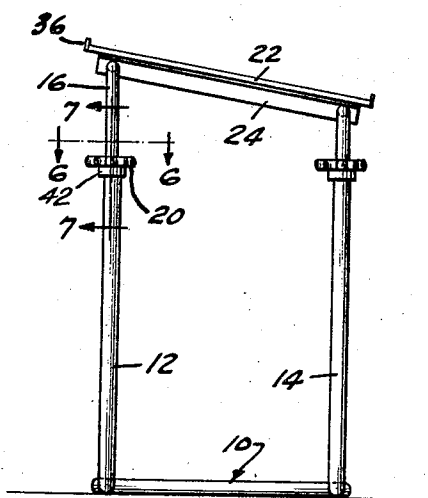
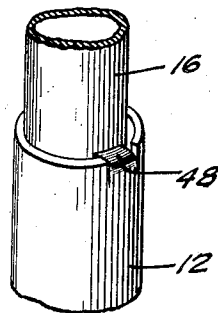


FIG. 8.



INVENTORS.

HERBERT W. ANDERSON

PHILLIP R. ANDERSON

BY *Harry H. Fitzgerald* ATTORNEY.

UNITED STATES PATENT OFFICE

2,260,732

UTILITY TABLE

Herbert W. Anderson and Phillip R. Anderson,
Chesterton, Ind., assignors to Oscar A. Reinhold, Flossmoor, Ill.

Application March 14, 1941, Serial No. 383,374

5 Claims. (Cl. 311—36)

Our invention relates to utility tables or similar devices.

Our invention relates more particularly to an adjustable table of the type which is capable of vertical adjustability and also capable of being tilted either to the front or to the rear so that the same may be used as a bed table, for example upon either side of a bed, or upon either side of a person desiring to use the same.

The principal object of the present invention is to provide a table of the type described capable of being used as a service table for hospital or sick room use and for other purposes, and arranged so that by a simple adjustment the table top may be raised or lowered to any desired height within limits, and also vertically tilted to the right or to the left to any desired degree, within limits.

A further object of the invention is to provide a utility table of the type described that is easily and simply constructed, yet unusually firm and rigid in use, so that it may be employed for a large number of different uses for which tables of the same type are not capable of use.

A further object of the invention is to provide a comparatively simple construction of table of the type described employing a resilient tubular support, whereby the desired adjustment at a vertical angle is accomplished by means of the natural resiliency of the support.

A further object of the invention is to provide an improved utility table of the type described having novel fastening means for fixedly securing the table top on its support in any desired angular position.

A further object of the invention is to provide in a utility table of the type described novel fastening means for securing the table top in any desired horizontal plane.

A further object of the invention is to provide an improved table of the type described that is easily and simply constructed, yet capable of long and hard usage without becoming broken or out of order.

Other advantages and objects will be more apparent from the following description wherein reference is had to the accompanying sheets of drawings, upon which

Fig. 1 is a front perspective view of our improved table with a raised position of the top shown in dot-dash lines thereon;

Fig. 2 is a plan view thereof;

Fig. 3 is a fragmentary vertical section of the table top and edge member taken on the line 3—3 of Fig. 1;

Fig. 4 is a side elevational view of the table with the right hand side shown tilted upwardly;

Fig. 5 is a similar side view with the left end of the table tilted upwardly;

Fig. 6 is a horizontal sectional view taken on the lines 6—6 of Fig. 5;

Fig. 7 is a fragmentary vertical sectional view of the same parts taken on the line 7—7 of Fig. 5;

Fig. 8 is a fragmentary perspective view of a portion of one of the support legs and the bracket which extends into the same, and

Fig. 9 is a plan sectional view taken on the line 9—9 of Fig. 4, showing the manner in which the supporting base is slightly sprung when the table top is in a tilted position.

In the embodiment of the invention which we have chosen to illustrate, in Fig. 1 we have shown the supporting base 10 which consists generally of a U-shaped resilient tubular member having the vertical posts 12 and 14 extending upwardly from the ends of the legs of the U. A pair of tubular L-shaped brackets 16 and 18 are adapted to be telescopically mounted in the upright legs 12 and 14 and held in a desired position by the fastener members 20. The L-shaped members 16 and 18 may extend below the table top 22 and be journaled in suitable openings in a pair of inverted angle members 24 and 26 spaced from the ends of the table top 22. The members 16 and 18 may be secured against removal from the angle members 24 and 26 by having outwardly turned lugs 28 and 30 disposed on opposite sides of the vertical leg of the angle member 24. It will of course be understood that any other suitable or desirable fastening means may be used to prevent the withdrawal of the table top 22 from the support members 16 and 18.

The table top 22 may be constructed of any suitable or desirable material, such as metal or wood, and may be provided upon its parallel edges 32 and 34 with an upstanding flange 36 (see Fig. 3), which may be either a metal or a wooden strip fastened to the edge by any suitable fastening means such as the nails 38. The fastening member 20 may be in the nature of a collar formed with the grip portions 40 and with the downwardly depending sleeve portion 42. The collar is provided with a circular opening 44 of a size to encompass the upper end of the posts 12 and 14. We provide an eccentric opening 46 through which the vertical legs of the brackets 16 and 18 may extend, the ends of the same continuing downwardly within the

vertical uprights 12 and 14. We have provided an inwardly turned lug 48 at the upper end of the posts 12 and 14, which is the equivalent of an eccentric hole in the upper ends of the posts.

The operation of this fastening device is as follows: When the table top has been raised to a desired height with the vertical legs of the brackets 16 and 18 telescoped within the uprights 12 and 14, the same will be frictionally held in position by rotating the collar member 20 so that the support leg is pressed against the lug 48 by reason of the eccentric disposition of the openings 44 and 46. In this manner it can be seen that instead of providing a pin and spaced slots to effect certain fixed vertical adjustments of the table top, any desired height may be secured by simply raising the table top to a desired height and then rotating the collar 20 to bring about the clamping action of the L-shaped brackets against the lugs 48.

In order to prevent the removal of the collar member 20 from the upper ends of the upright posts 12 and 14, we have provided a pin member 50 extending through the downwardly depending flange 42 which is adapted to ride, during the rotation of the collar member, in an arcuate slot 52 in the wall of the legs 12 and 14.

From the above and foregoing description it will be apparent to those skilled in the art that we have provided a utility table of the type described by which any desired vertical adjustment of the table top is possible. Also by reason of the fastening means described, it will be apparent that either the left or the right side of the table top may be tilted to any desired degree within limits. When the table top is tilted to either of the positions shown in Figs. 4 or 5, the legs of the supporting brackets 16 and 18 ascend or descend in a vertical plane, thereby causing the tubular support 10 to be sprung inwardly, effecting a movement of both the legs 12 and 14 as shown in Fig. 9. When the table top is placed in a horizontal position, the legs 12 and 14, due to the resiliency in the member 10, naturally spring back to the dotted line position shown in Fig. 9.

From the above and foregoing description it will be apparent to those skilled in the art that changes and modifications may be made in the exact details shown, and we do not wish to limit ourselves in any particular; rather what we desire to secure and protect by Letters Patent of the United States is:

1. A utility table of the type described comprising a support member having a pair of resilient vertical posts extending upwardly therefrom, a pair of L-shaped tubular brackets having their vertical legs telescoped within said upright posts, a table top pivotally secured to said brackets and fastening means at the upper ends of said posts for securing said brackets in any desired position, said fastening means comprising collar members rotatable on the ends of said posts and having eccentric holes through which said vertical legs extend.

2. A utility table of the type described comprising a U-shaped tubular support member having a pair of resilient vertical posts extending from the ends of the U, a pair of L-shaped tubular brackets having their vertical legs telescoped within said upright posts, a table top pivotally secured to said brackets and fastening means at the upper ends of said posts for securing said brackets in any desired position, said fastening means comprising collar members rotatable on the ends of said posts and having eccentric holes through which said vertical legs extend.

3. A utility table of the type described comprising a U-shaped resilient tubular support member having a pair of vertical posts extending from the ends of the U, a pair of L-shaped tubular brackets having their vertical legs telescoped within said upright posts, a table top pivotally secured to said brackets and fastening means at the upper ends of said posts for securing said brackets in any desired position, each of said fastening means comprising a collar member rotatable on the end of a post, an eccentric opening therein through which a vertical leg extends and a lug struck inwardly from the side of a post so that when the collar is turned, the leg will be frictionally held against said lug.

4. A utility table of the type described comprising a U-shaped resilient tubular support member having a pair of vertical posts extending from the ends of the U, a pair of L-shaped tubular brackets having their vertical legs telescoped within said upright posts, a table top pivotally secured to said brackets and fastening means at the upper ends of said posts for securing said brackets in any desired position, each of said fastening means comprising a perforated collar member rotatable therein through which a vertical leg extends, a lug struck inwardly from the side of a post so that when the collar is turned the leg will be frictionally held against said lug, and means between a post and collar for inseparably connecting the same together.

5. A utility table of the type described comprising a U-shaped resilient tubular support member having a pair of vertical posts extending from the ends of the U, a pair of L-shaped tubular brackets having their vertical legs telescoped within said upright posts, a table top pivotally secured to said brackets and fastening means at the upper ends of said posts for securing said brackets in any desired position, each of said fastening means comprising a collar member rotatable on the end of a post, an eccentric opening therein through which a vertical leg extends, a lug struck inwardly from the side of a post so that when the collar is turned the leg will be frictionally held against said lug, and means between a post and collar for inseparably connecting the same together, said means comprising a pin in said collar and an arcuate slot in the post.

HERBERT W. ANDERSON.
PHILLIP R. ANDERSON.