April 23, 1929. A. V. RACKSTRAW 1,710,382

FOLDING TABLE

Filed Sept. 7, 1927

Fig. 1.

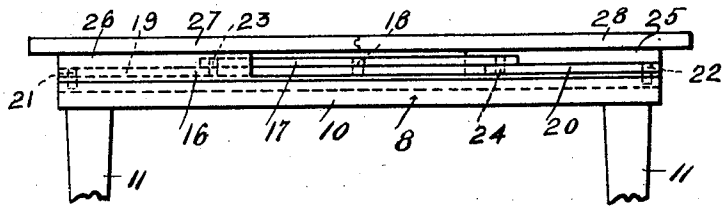


Fig. 2.

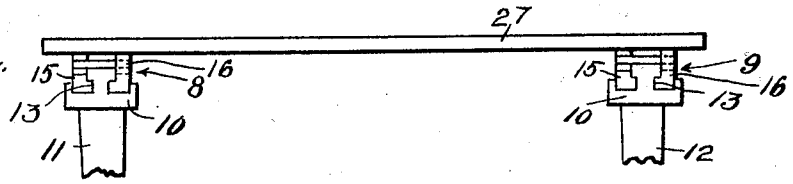


Fig. 3.

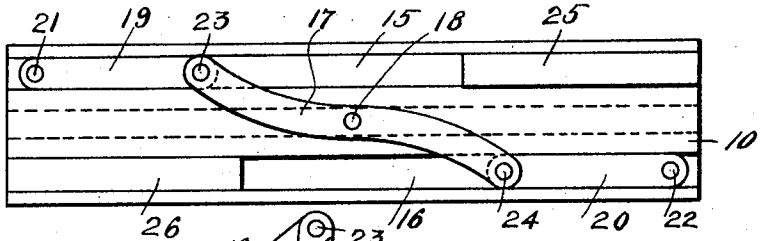


Fig. 4.

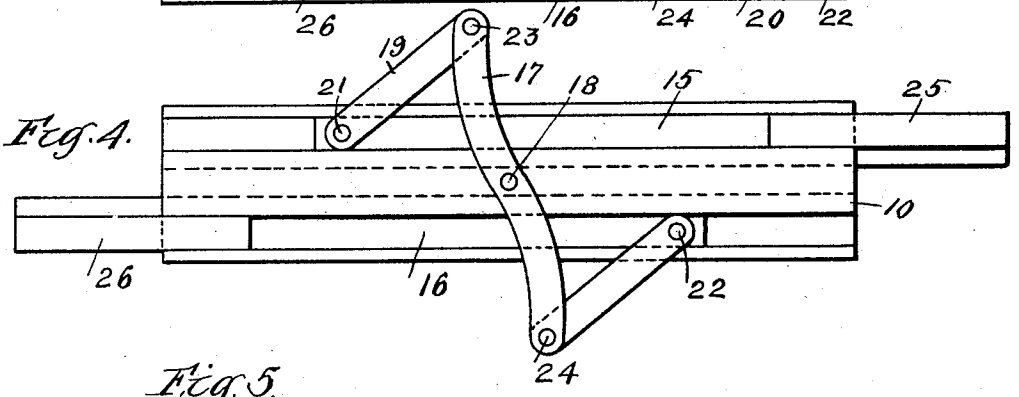
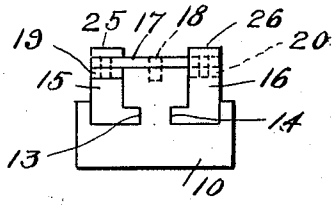


Fig. 5.



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UNITED STATES PATENT OFFICE.

ALBERT V. RACKSTRAW, OF LOS ANGELES, CALIFORNIA, ASSIGNOR OF TWENTY-FIVE PER CENT TO JOHN D. DAVENPORT, OF LOS ANGELES, CALIFORNIA.

FOLDING TABLE.

Application filed September 7, 1927. Serial No. 218,000.

This invention relates to extension tables and pertains more particularly to a slide structure upon which two permanent table tops are mounted and are adapted to abut when a narrow table top is desired and to be slid apart in order that an extension leaf may be inserted between them.

The main object of the invention is to provide a structure for the above mentioned purpose whereby the table legs will at all times remain stationary on the floor and that when a pulling strain is exerted on one side of the table top the other side of the table top will move an equal distance in the opposite direction, thereby extending the table top to project an equal distance beyond the table legs, thus balancing the overhang.

The above and other objects of the invention will be more fully disclosed in the following specification and will be exemplified in the accompanying drawings in which:

Figure 1 is a side view of a table showing the invention as it would appear when applied thereto, the legs of the table being broken off.

Figure 2 is an end view of the same.

Figure 3 is an enlarged plan view of the slide structure forming the invention, as it would appear when in a contracted position.

Figure 4 is a similar view to that of Figure 3 as it would appear when partially extended.

Figure 5 is an end view of the slide structure.

In carrying out the invention 8 and 9 represent slide structures which are spaced a desired distance apart in parallel relation. The slide structures are identical in construction and each one comprises a base rail 10 and each base rail is supported by a pair of table legs 11 and 12.

The base rail 10 is provided with oppositely disposed guideways 13 and 14 which are parallel with each other and mounted to slide in said guideways are the slide bars 15 and 16.

A lever 17 is pivoted to the base rail 10 at 18, the ends of said lever extending equally beyond the pivoted point 18 and said pivoted point being located approximately midway between the ends and sides of the base rail and between the slide bars 15 and 16 as clearly shown in Figure 3 of the drawings.

Links 19 and 20 are pivoted respectively to the slide bars 15 and 16 at 21 and 22, the opposite ends of said links being pivoted respectively at 23 and 24 to the ends of the lever 17.

Each of the slide bars 15 and 16 is provided with raised portions 25 and 26 respectively upon which the table leaves 27 and 28 are secured, the leaf, 27 being secured to the raised portions of the extension arms 15 of structures 8 and 9 and the leaf 28 being secured to the raised portions of the extension arms 16.

By the above recited construction, it will be obvious that when either of the table leaves 27 or 28 is pulled outwardly the other table leaf will be caused to move outwardly in the opposite direction an equal distance to that of the manually moved leaf, and then a loose table leaf (not shown) may be inserted between the separated leaves 27 or 28 to provide an enlarged table top. This movement is accomplished by reason of the lever and link connection between the two slide bars 15 and 16.

Having thus described my invention what I claim is:

1. An extension table structure comprising a rail; a pair of slide bars mounted on said rail and slidable longitudinally thereof; a lever pivoted intermediate its ends on said rail and link connections between the ends of said lever and said slide bars.

2. An extension table structure comprising a rail; a pair of slide bars mounted on said rail in longitudinal grooves formed therein and a lever pivoted intermediate its ends on said rail to form oppositely disposed arms one of said arms being connected to one of said slide bars and the other of said arms being connected to the other slide bar.

3. An extension table structure comprising a rail provided with a pair of parallel guideways spaced apart, said guideways extending longitudinally of said rail; slide bars mounted in said guideways; a lever pivoted to said rail intermediate its ends to form oppositely disposed arms the pivotal point on said rail

being located approximately midway between the slide bars and the ends of said rail and one of said arms being connected to one of said slide bars and the other of said arms being connected to the other slide bar.

4. An extension table comprising a rail at each side thereof, a pair of slide bars mounted on each of said rails and slidable longitudinally thereof, a lever pivoted intermediate its ends on each of said rails, and link connections between the ends of said lever and the slide bars at that side of the table.

In testimony whereof I hereunto affix my signature.

ALBERT V. RACKSTRAW.