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R. TAYLOR

1,939,529

TABLE CONSTRUCTION

Original Filed June 27, 1930

2 Sheets-Sheet 1

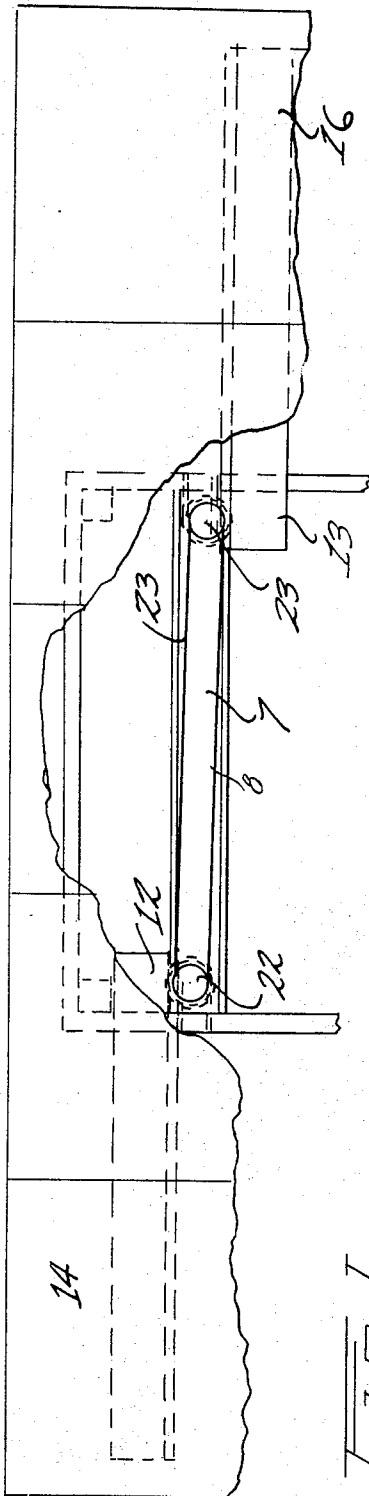
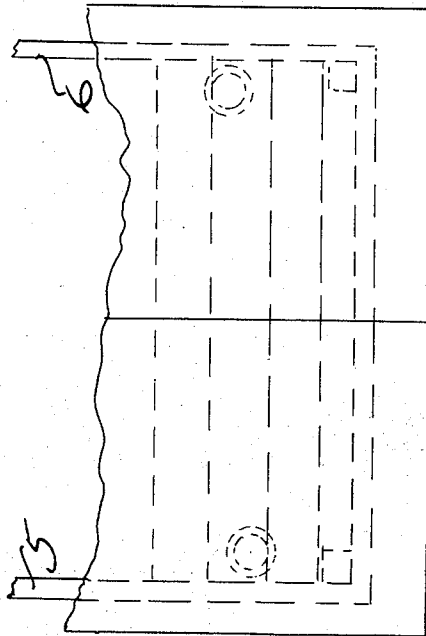


Fig. II.



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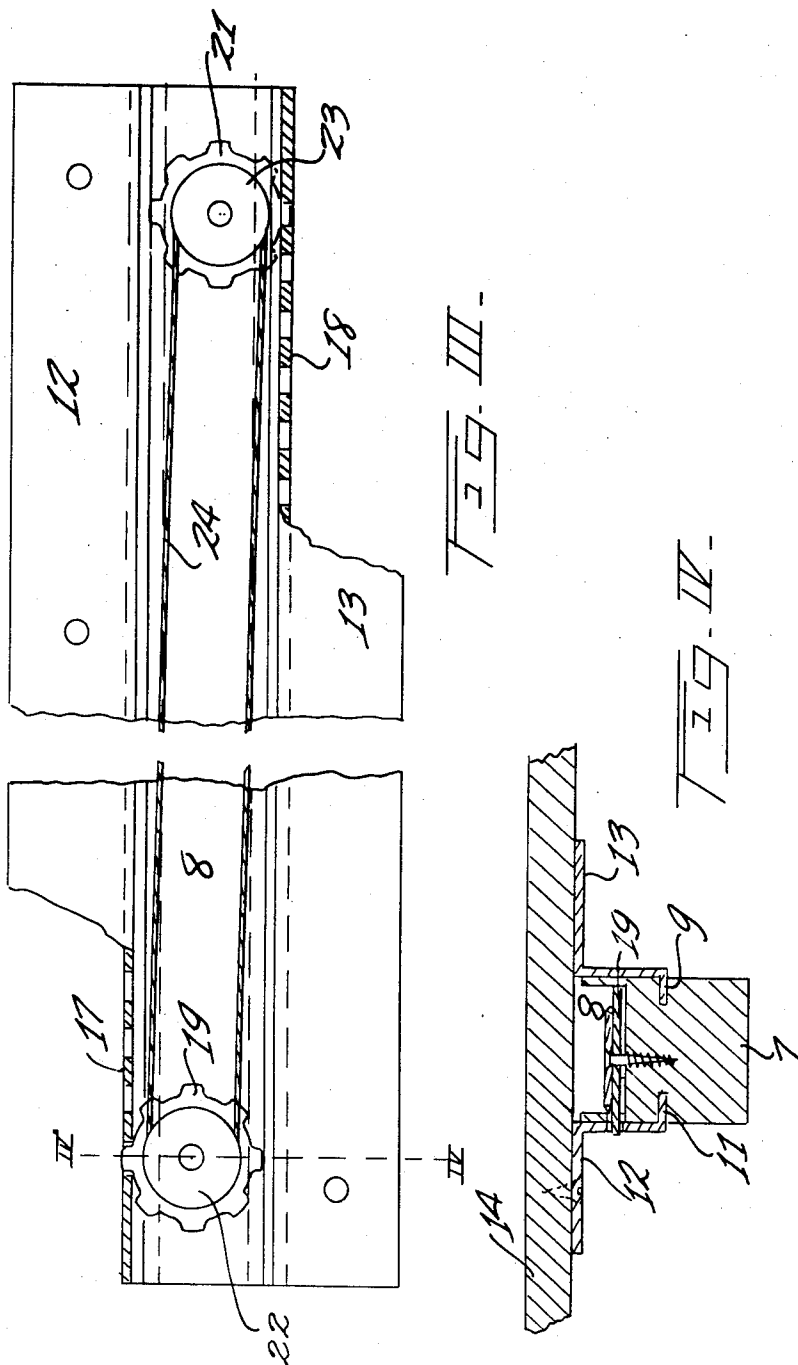
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2 Sheets-Sheet 2



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UNITED STATES PATENT OFFICE

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TABLE CONSTRUCTION

Roy Taylor, Los Angeles, Calif.

Application June 27, 1930, Serial No. 464,301
Renewed April 6, 1933

1 Claim. (Cl. 45—115)

This invention relates to improvements in tables and has particular reference to an extension table.

The principal object of this invention is to produce a table which will occupy a minimum amount of space but one which may be extended further than the average extension table.

Another object is to produce a device of this character which is rigid in its construction.

A still further object is to produce a device wherein the parts may be readily assembled and one which is economical to manufacture.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawings forming a part of this specification and in which like numerals are employed to designate like parts throughout the same,

Figure I is a fragmentary top plan view of a table having my invention applied thereto and partly broken away in order to show the mechanism thereof,

Figure II is a view similar to Figure I, having the table in folded position,

Figure III is an enlarged detail fragmentary view showing the operating mechanism of my table, and

Figure IV is a cross sectional view taken on the line 4—4 of Figure III.

Applicant is aware of the fact that there are many types of tables upon the market. These tables, however, as far as applicant is aware include complicated mechanism and at best do not allow a very great extension while with applicant's device the original leaves which form the top of the table are moved to a point a considerable distance beyond the edge of the table thus permitting the table to be expanded almost three times its original area.

In the accompanying drawings wherein for the purpose of illustration is shown a preferred embodiment of my invention, the numerals 5 and 6 designate the rails of the table to which the customary legs are attached. Between the rails 5 and 6 of the table is secured a cross bar

7. This cross bar has a channel 8 formed in the upper portion thereof and slots 9 and 11 in the sides thereof. These slots actuate slides 12 and 13 respectively. The slide 12 is connected to the leaf 14 while the slide 13 is secured to the leaf 16. The slides 12 and 13 are each provided with rack portions as shown at 17 and 18 respectively. These rack portions are adapted to be engaged by toothed wheels 19 and 21 respectively. Pulleys 22 and 23 are secured to the wheels 19 and 21 respectively. A cord 24 passes around these pulleys so that the same move in unison and as a result the moving of the leaf 14 for instance in one direction, will cause the leaf 16 to move in the opposite direction. It is understood that the slides 12 and 13 pass through the slots formed in the rails 5 and 6.

As a result of this construction it is obvious that the leaves 14 and 16 will move away from each other a distance greater than the original area of the table top and as a consequence a very large table area may be gained, which is a distinct advantage where the table is to be used in an ordinary apartment.

It is to be understood that the form of my invention herewith shown and described is to be taken as a preferred example of the same and that various changes relative to the material, size, shape and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claim.

Having thus described my invention, I claim:—

In a device of the character described, a pair of spaced rails, a cross bar secured between said rails, a pair of slides carried on opposite sides of said cross bar, a table leaf secured to each of said slides, racks carried by said slides, means for causing said slides to move simultaneously in opposite directions, said means comprising a pair of toothed wheels having pulleys fixed thereto and engaging said racks, and an endless cord connecting said pulleys to cause said wheels to move simultaneously in the same direction.

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