Dec. 12, 1950 J. FLICKER 2,533,313

TABLE LEG ATTACHING MEANS

Filed June 2, 1948

Fig. 1

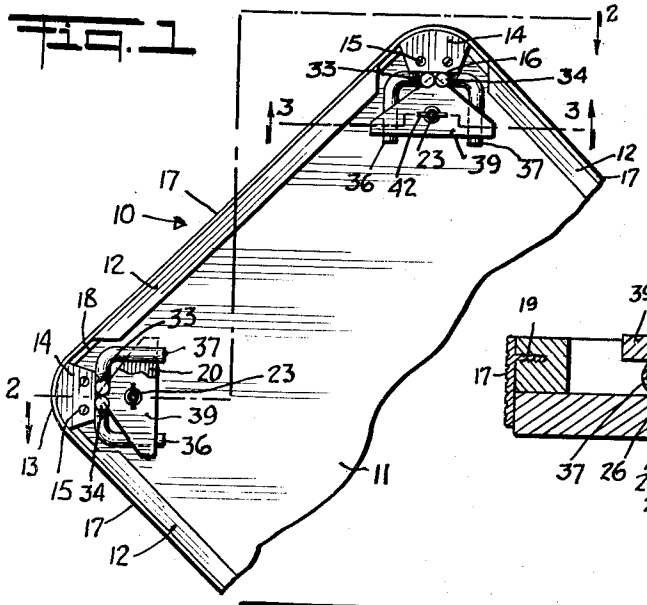


Fig. 3

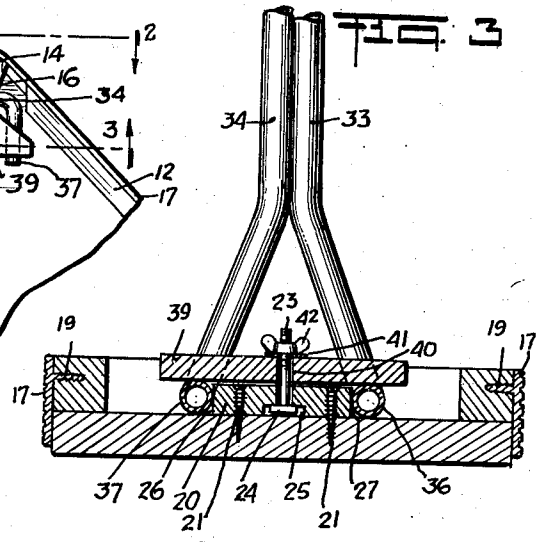


Fig. 5

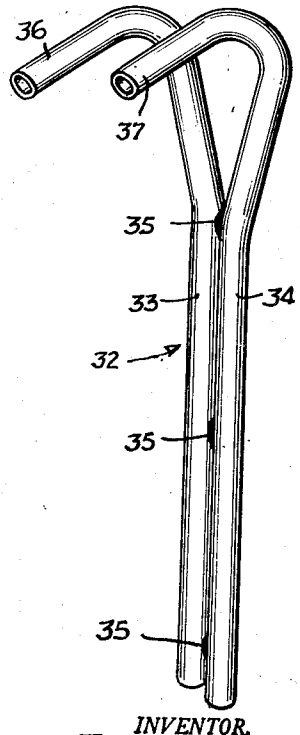


Fig. 2

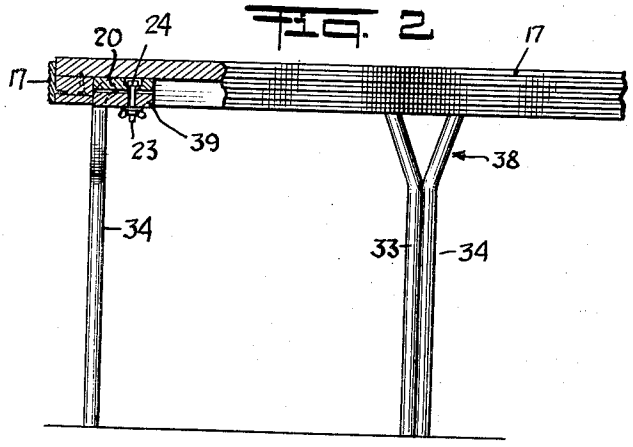
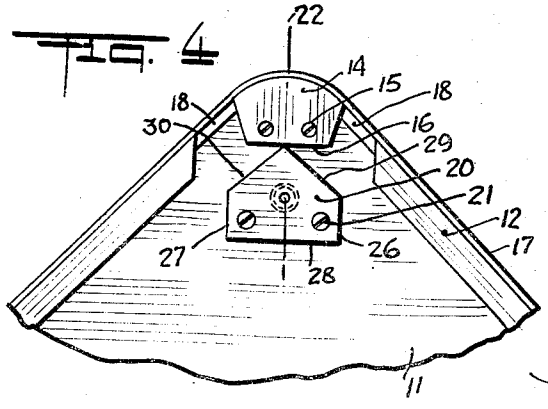


Fig. 4



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TABLE LEG ATTACHING MEANS

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2 Claims. (Cl. 311—110)

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This invention relates to improvements in leg attachments for tables and other articles and has for its general object the provision of means for facilitating convenient attachment for the leg to the bottom of the table top.

Broadly, it is an object of my invention to provide a construction whereby a single connecting bolt and nut may be employed to firmly secure the leg to the table top with no danger of the leg being turned or moved out of centered position with respect to the table top when the table is moved about the floor.

More particularly, it is an object to facilitate assembly by the provision of means on the bottom of the table top auxiliary to the attaching bolt and nut for readily positioning or guiding the legs to their proper position at the four corners of the table.

Still another object is to permit ready, rapid and accurate assembly of the top and legs in an inexpensive and practical manner.

For a fuller understanding of the nature and objects of the invention, reference is had to the following detailed description in connection with the accompanying drawing, in which:

Fig. 1 is a bottom view of a portion of a table showing two corners.

Fig. 2 is a sectional view taken through line 2—2 of Fig. 1.

Fig. 3 is an enlarged sectional view taken through line 3—3 of Fig. 1.

Fig. 4 is a bottom view of one corner without the table leg and attaching block being shown.

Fig. 5 is a perspective view of a table leg used with my attaching means.

Referring to the drawing, numeral 10 represents a table comprising a top 11, having attached along the underneath edge by glueing or other means, supporting pieces 12 which run almost to the corners. At each corner 13, a block 14 is attached to the bottom of the top 11 by screws 15; corner blocks 14 being of the same thickness as the supporting pieces 12 and having a straight edge 16 at a 45° angle at the corner. An edging 17 having a horizontal flange 18 is attached to the supporting pieces 12 by inserting the flange 18 in a groove 19 in the supporting pieces 12 thus covering the edge of the table top, the edges of the supporting pieces 12 and the corner blocks 14 and providing a finished edge to the table 10.

A corner leg supporting block 20 is attached adjacent to block 14 by screws 21 along a center line bisecting each corner, as indicated by dot and dash line 22. Blocks 20 are approximately

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one-half the thickness of blocks 14 and have a bolt 23 running through the center with its head 24 seated within a recess 25, as clearly shown in Figs. 2 and 3. Blocks 20 are five sided, having two parallel sides 26, 27, a side 28 at right angles to sides 26, 27 and opposite to side 28, two angular sides 29, 30 that meet at point 31, as shown best in Fig. 4.

Each leg 32 is comprised of two pieces of tubing 33, 34 of uniform diameter, welded together at several points 35. The lower portions are parallel and the upper portion is first bent in a Y-formation 38, and then at a 90° angle to the lower portion providing parallel horizontal seating portions 36, 37 upon which the table top rests. The diameter of the tubing 33, 34 is slightly greater than the thickness of supporting block 20.

In assembling the legs 32 with the table top 11, the table top 11 is placed with the underneath side up, as shown in Fig. 3. The leg 32 is turned upside down and the horizontal seating portions 36, 37 are pressed downward against the parallel sides 26, 27 of the block 20. The width between sides 26, 27 is slightly greater than the distance between the seating portions 36, 37 so that when the seating portions 36, 37 are pressed downward against the parallel sides 26, 27 of the block 20, the resiliency between portions 36, 37 causes these portions to grip the sides 26, 27. A covering block 39, having a central hole 40, somewhat similar in shape to block 20 but wide enough to cover the seating portions 36, 37, is then placed upon the seating portions 36, 37 with the bolt 23 passing through the hole 40. A washer 41 and a wing nut 42 is then placed upon the end of the bolt 23 and the wing nut 42 is tightened, thus firmly positioning the leg 32 against the table top 11. The forked legs 32 will not loosen during the shifting or movement of the table. It is evident that tables of such assembly can be stored and shipped in "knocked down" condition and be rapidly and easily assembled by the storekeeper or retail purchaser.

It is obvious that various changes and modifications may be made in the details of construction and arrangement of parts without departing from the general spirit of the invention.

I claim:

1. A table leg attaching means for a table having a top and edges, said means comprising corner blocks attached to the underneath side of said table top adjacent the edges thereof, said corner blocks having a straight edge at a 45° angle to the table edges, corner leg supporting

blocks attached adjacent each said corner block along a medial line through said corner blocks and said supporting blocks, said supporting blocks having two parallel sides, said supporting blocks approximately half the thickness of said corner blocks, a recess and a central hole communicating with said recess in said supporting blocks, a bolt seated within said recess and passing through said hole, legs for said table, said legs comprised of two pieces of tubing welded together, the upper portion of said legs bent in a Y-formation, parallel horizontal seating portions at the top of said legs upon which said table top rests, the distance between said seating leg portions being equal to the distance between said parallel sides of said supporting blocks, said seating leg portions resting against said parallel sides of said supporting blocks, a covering block having a central hole and wider than the distance between said seating leg portions, a washer and wing nut for said bolt for holding said covering block against said seating leg portions for clamping said table legs between said covering block and said table top.

2. A table leg attaching means for a table having a table top, corner blocks attached to the underneath side of said table top adjacent the edges thereof, corner leg supporting blocks attached adjacent each said corner block along a medial line through said corner blocks and said supporting blocks, said supporting blocks having two

parallel sides, a recess and a central hole communicating with said recess in said supporting blocks, a bolt seated within said recess and passing through said hole, legs for said table, said legs comprised of two pieces of tubing welded together, the upper portion of said legs bent in a Y formation, parallel horizontal seating portions at the top of said legs upon which said table top rests, said seating leg portions resting against said parallel sides of said supporting blocks, a covering block having a central hole and wider than the distance between said seating leg portions, a washer and wing nut for said bolt for holding said covering block against said seating leg portions.

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