April 28, 1953 A. E. STERNKOPF 2,636,794

VERTICALLY ADJUSTABLE TABLE

Filed Nov. 16, 1948 2 SHEETS—SHEET 1

FIG. 1

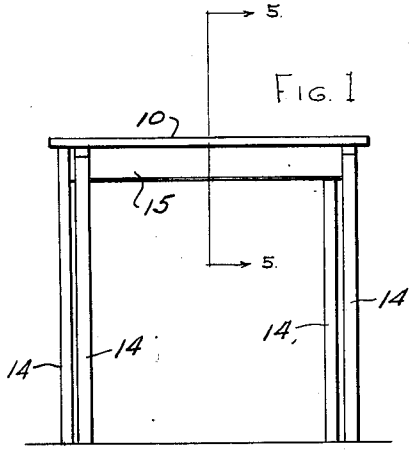


FIG. 2

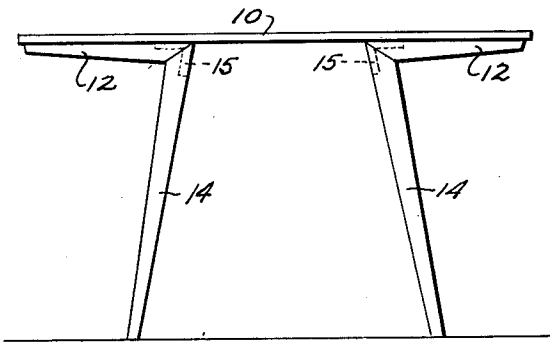


FIG 3

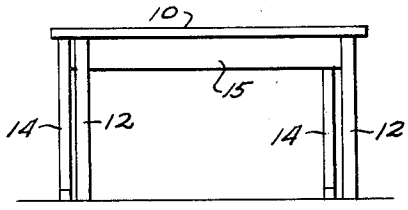


FIG. 4

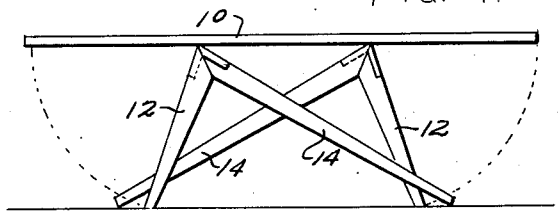
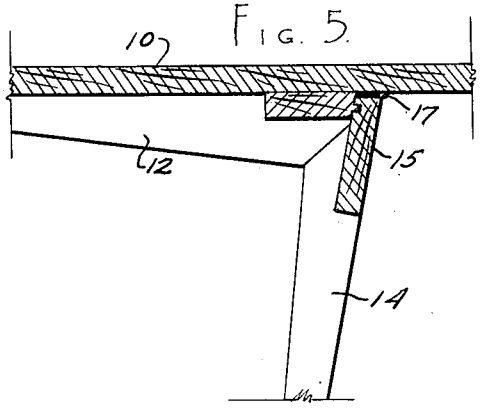


FIG. 5



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FIG. 6.

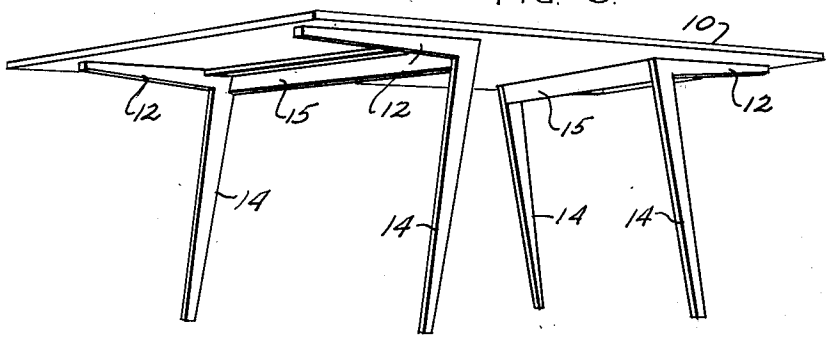
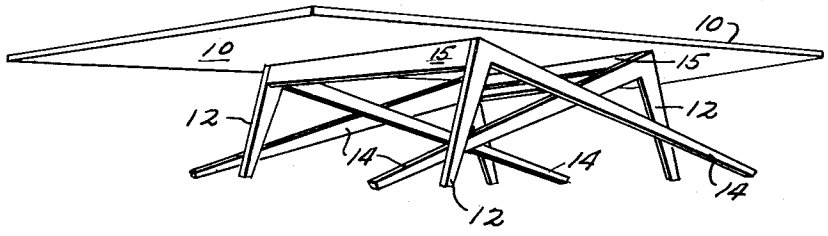


FIG. 7.



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VERTICALLY ADJUSTABLE TABLE

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Application November 16, 1948, Serial No. 60,281

1 Claim. (Cl. 311—39)

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This invention relates to vertically adjustable tables and more particularly to a combination dining and coffee table.

It is an object of the invention to provide a table having a flat surface adjustable to two levels which will be simple in design and economical to manufacture.

It is another object to provide a pivotal leg table which will possess perfect stability without the use of special locking devices.

A further object is to provide a table capable of use at two levels which will be strong and rigid.

Still further objects will become apparent upon considering the following specification, which when read in conjunction with the accompanying drawings illustrate a preferred form of the invention.

In the drawings:

Fig. 1 is an end elevational view of a vertically adjustable table embodying the present invention and showing the table in raised position;

Fig. 2 is a side elevational view of the table shown in Fig. 1;

Fig. 3 is an end elevational view of the table shown in Fig. 1, but in lowered position;

Fig. 4 is a side elevational view of the table in lowered position;

Fig. 5 is a partial cross-section taken on the line 5—5 of Fig. 1, showing the leg construction; and

Figs. 6 and 7 are perspective views of the table in raised and lowered positions respectively, looking from below.

Referring to the drawings, the table comprises a flat top 10 supported from the floor by a plurality of legs 12—12 and 14—14.

The legs 12 are considerably shorter than the legs 14 and are joined to the legs 14 at an acute angle. A reinforcing angle 15 joins one pair of legs 12—14 with the legs 12—14 on the opposite side of the table.

The legs 12—14 are hinged to the table top through a piano hinge 17 (Fig. 5) so that the legs 12—14 can pivot between the position shown in Figs. 2 and 6 to the position shown in Figs. 4 and 7.

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In the position shown in Figs. 1, 2 and 6 the acute angle of the joint between the legs 12 and 14 cause the legs 14 to diverge downwardly, and thus lends stability to the table without additional locking means.

In the position shown in Figs. 3, 4 and 7 all eight of the legs 12 and 14 contact the floor and provide not only a strong, rigid support but a stable support.

It will be understood that the hereinbefore described form of the invention is to be taken merely as a preferred embodiment thereof and that various changes in size, shape and arrangement of parts may be made without departing from the spirit of the invention or the scope of the subjoined claim.

That which is new and is desired to be secured by United States Letters Patent is:

A table convertible from a relatively high to a relatively low table comprising a table top, a plurality of legs diverging outwardly and downwardly relative to the center portion of the table, and adapted to support the table at one level, a plurality of shorter legs joined to said first named legs, and means to pivotally connect all said legs to said table top, said short legs co-operating with said first named legs in a pivoted position to support said table top at a lowered elevation from the floor.

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