

June 14, 1966

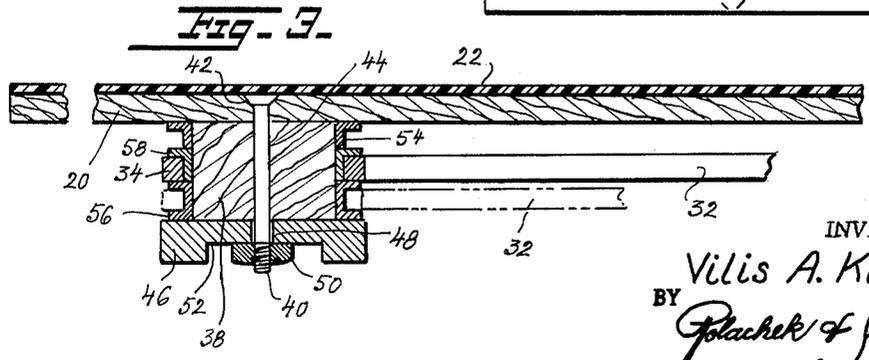
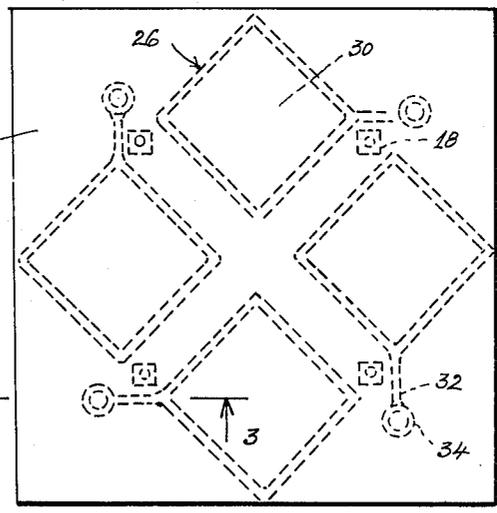
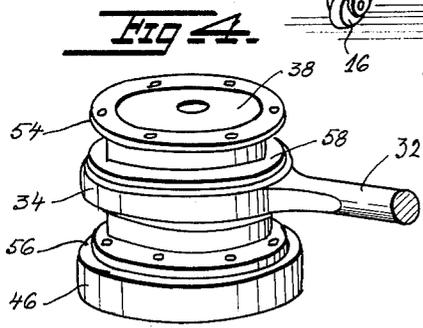
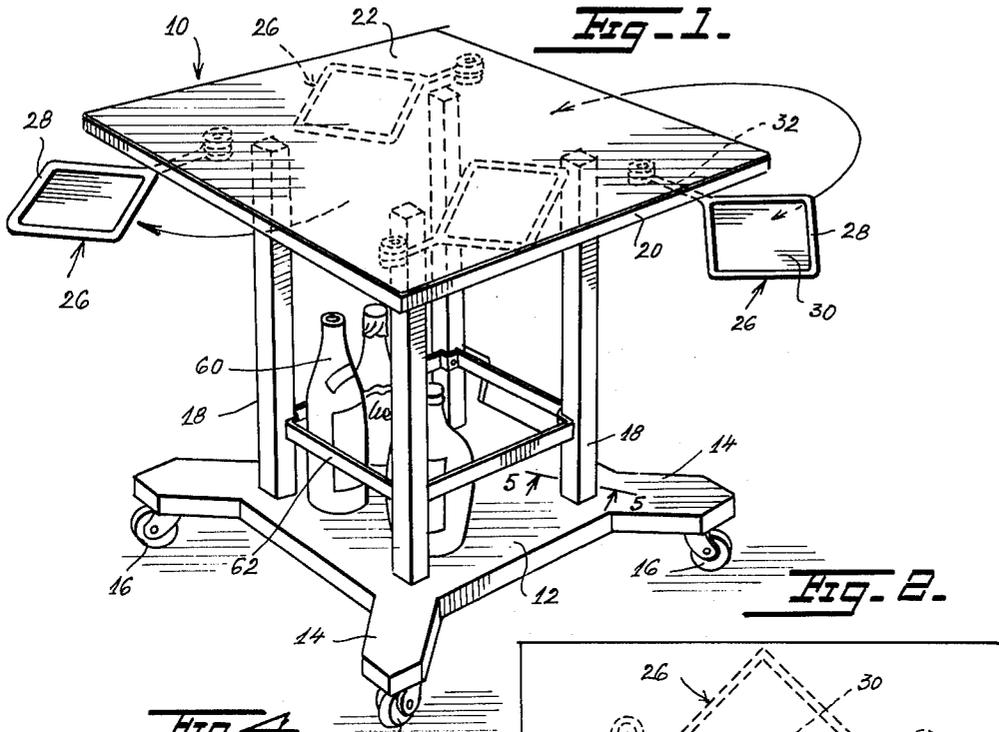
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3,255,719

PORTABLE TABLE WITH AUXILIARY SUPPORTS

Filed Nov. 4, 1964

2 Sheets-Sheet 1



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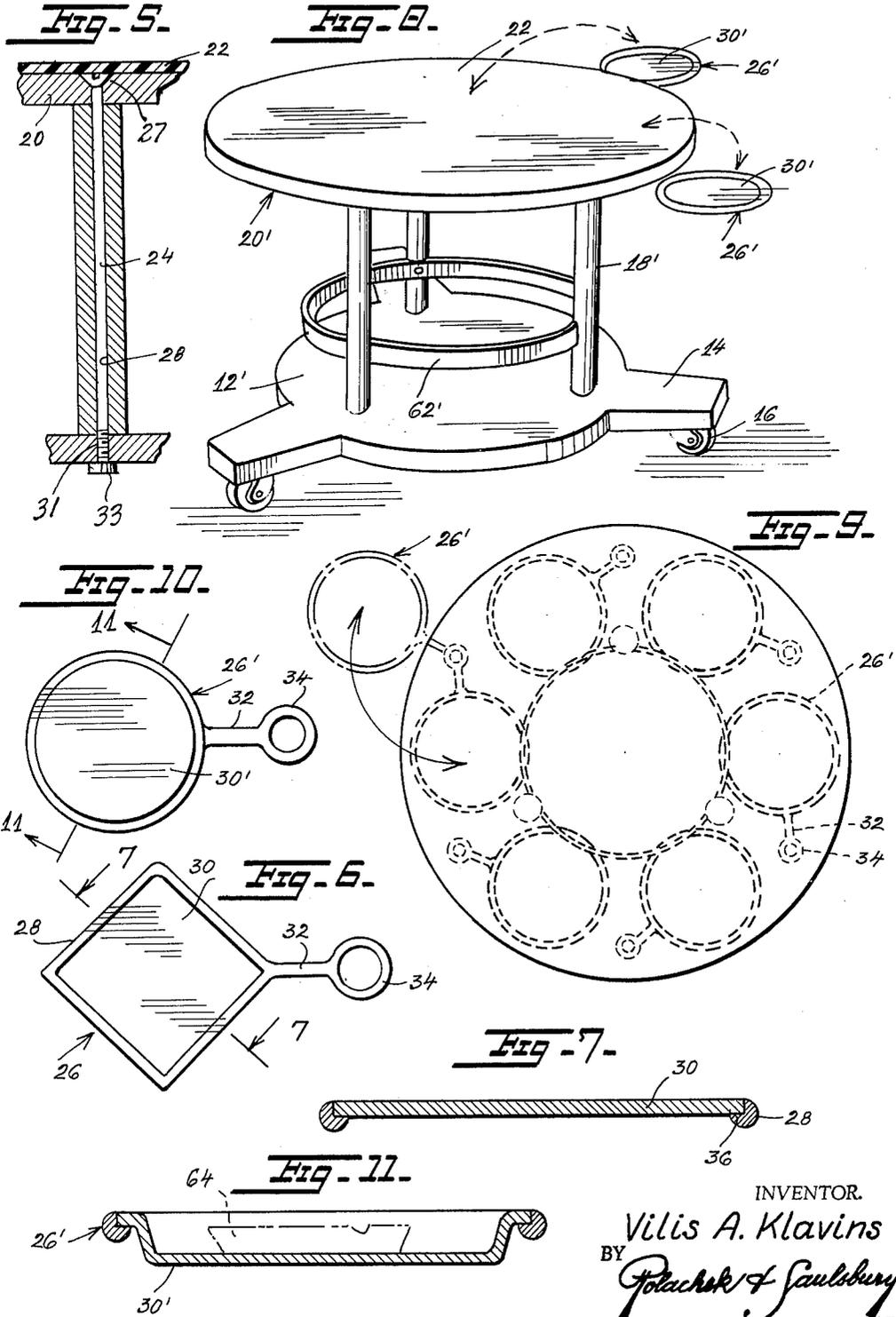
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PORTABLE TABLE WITH AUXILIARY SUPPORTS

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2 Sheets-Sheet 2



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**PORTABLE TABLE WITH AUXILIARY SUPPORTS**

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4 Claims. (Cl. 108-26)

This invention relates generally to the art of furniture and more particularly to new and useful improvements in a heavy duty portable table.

An object of the present invention is to provide a heavy duty table that is readily transported over the floor from one part of the room to another.

Another object is to provide a table of this kind with swivelly supported auxiliary plate-like supports.

A further object is to provide a table of this kind for the convenience of seated individuals.

A still further object is to provide a table of this kind that will provide additional space for items to be set when used for card games.

It is also an object of the invention to provide a table of this kind with means for mounting a plurality of auxiliary supports on a single shaft swingable in opposed directions.

For further comprehension of the invention and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:

FIGURE 1 is a perspective view of a table embodying one form of the invention, several of the auxiliary supports being shown in operative moved position and other in inoperative position, containers being shown in supported position.

FIG. 2 is a top plan view thereof, with all of the auxiliary supports shown in inoperative position.

FIG. 3 is an enlarged sectional view taken on the plane of the line 3-3 of FIG. 2.

FIG. 4 is a perspective view of the mounting for an auxiliary support.

FIG. 5 is a sectional view taken on the line 5-5 on an enlarged scale.

FIG. 6 is a top plan view of an auxiliary support.

FIG. 7 is an enlarged sectional view taken on the line 7-7 of FIG. 6.

FIG. 8 is a perspective view of a table embodying a modified form of the invention, several of the auxiliary supports being shown extended to operative position.

FIG. 9 is a top plan view thereof, one of the auxiliary supports being shown extended to operative position.

FIG. 10 is a top plan view of an auxiliary support of FIG. 8.

FIG. 11 is a cross-sectional view taken on the line 11-11 of FIG. 10, a shallow container being shown in dash lines.

Referring now in detail to the various views of the drawings, in FIG. 1 a table made in accordance with one form of the invention is illustrated and designated generally at 10. The table 10 is formed of stout wood stock with a square flat base 12. The base 12 has extensions 14 at the corners thereof which support casters 16 for rolling the table on a supporting surface. Upright posts or legs 18 extending upwardly from the corners of the base support a square shaped flat table top 20. The legs are square in cross-section. A plastic cover 22 protects the top surface of the table top. The posts or legs 18 are secured in position by means of an elongated headed bolt 24 extending through a countersunk hole 27 in the table top and through a central bore 28 in each post or leg. The bottom end of the bolt extends through a hole

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31 in the base and is threaded to receive a fastening nut 33 below the base.

In accordance with the invention, at each corner of the table top 20, an auxiliary support 26 is swivelly mounted underneath the table top. Each auxiliary support 26 as best seen in FIG. 6 comprises a diamond-shaped metal frame 28 supporting a similar shaped plate 30. An integral stem 32 extends from one corner of the frame, which stem terminates in a ring 34. The frame is round in cross-section and the frame proper is cutaway as indicated at 36 to support the edge of the plate 30. The mounting for each support 26 comprises a round cylindrical block of wood 38 secured to the under surface of the table top by means of a threaded bolt 40 passing through a countersunk hole 42 in the table top and through a central bore 44 in the block 38.

A circular plate 46 is positioned on the bottom surface of the block. The threaded bolt 40 extends through a center hole 48 in the plate 46, said hole having a smooth surface, and a nut 50 on the threaded end of the bolt in a recess 52 formed in the under surface of the plate secures the block and plate in position. A flanged ring 54 is sleeved around the top end of the block 38 and a double flanged ring 56 is similarly sleeved around the bottom of the block. Another flanged ring 58 is sleeved around the block between the top and bottom rings. The bolt 40 and nut 50 hold the mounting parts in position.

An auxiliary support 26 is shown with its ring 34 resting on the top flange of the bottom ring member 56 and caged in by the flange of the intermediate ring 58. The ring 34 is loosely mounted to permit swivel action of the support so that the support may be swung outwardly beyond the edges of the table top 20 or inwardly thereof as shown by the arrow in FIG. 1. The support 26 at the right of the table in FIG. 1 is for right-handed operators and the support at the left for left-handed operators. The support 26 may be mounted on top flange of the bottom ring 56 as shown or may be mounted between the top and bottom flanges of the bottom ring 56 as shown in dot-dash lines in FIG. 3 or may be mounted between the top flange or intermediate ring 58 and the top flange of top ring 54, if desired, or more than one support 26 may be mounted on the block 38 in any of the rings desired.

In use, the table 10 may be readily moved to any desired position of the room on the casters 16. The table top 20 with cover 22 is sufficiently strong to support large objects, and the auxiliary supports 26 are adapted to support drinking glasses or other items, depending on its use. There is room on the base 12 underneath the table top for supporting bottles 60 of beverages or the like which are held against falling by a horizontal metal narrow angular strap 62 between and secured to the legs 18 which also serves to brace the legs.

Referring now to the modified form of table 10' shown in FIGS. 8 to 11, inclusive, herein the table 10' is shown round with round base 12', round table top 20' and round legs 18'. A round endless strap 62' braces the legs and serves to keep bottles supported on the base from falling over.

The auxiliary supports 26' are also circular in shape with shallow dish-shaped plates 30' for supporting ash receivers 64 or the like. The auxiliary supports 26' are shown mounted in spaced annular formation around the table top underneath the same and are adapted to be swung outwardly of the periphery of the table top and inwardly thereof as indicated by the arrows in FIGS. 8 and 9.

In all other respects, the table 10' is similar to table 10 and similar reference numerals are used to indicate similar parts.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I

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do not limit myself to the precise constructions herein disclosed and that various changes and modifications may be made within the scope of the invention as defined in the appended claims.

What is claimed is:

1. A heavy duty table comprising a base, a plurality of upright legs mounted on the top of said base, a table top being supported on the top of said legs, each of said legs having an elongated bore extending through the length of said leg, one end of which being secured to said table top and the other end to said base by first bolt means, said base having radial extensions at the corners thereof, a plurality of casters underneath said extensions and fixedly mounted thereto, a plurality of auxiliary supports underneath said table top, a plurality of cylindrical blocks underneath said table and fixedly secured thereto, at least one flanged ring around each of said blocks, said auxiliary support having a stem fixedly connected with said ring, and at least one of said auxiliary supports adapted to pivot on a horizontal plane around said block, said bolt means including a bolt having a countersunk head at its top and a threaded portion to its bottom, a fastening nut adapted to be received by said threaded portion of said bolt, said table top having a countersunk recess, said legs each including said elongated bore, said bolt extending through said bore and protruding on both ends of said leg, said top end of said bolt being embedded in said countersunk recess of said table top, said base having a hole, the bottom of said bolt extending through said hole of said base and a nut adapted to secure said base to said bolt.

2. A heavy duty table comprising a base, a plurality of upright legs mounted on the top of said base, a table top being supported on the top of said legs, each of said legs having an elongated bore extending through the length of said leg, one end of which being secured to said table top and the other end to said base by first bolt means, said base having radial extensions at the corners thereof, a plurality of casters underneath said extensions

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and fixedly mounted thereto, a plurality of auxiliary supports underneath said table top, a plurality of cylindrical blocks underneath of said table, a circular metallic frame underneath of each of said blocks, each of said blocks having a central bore extending through the length thereof, said frame having a hole in the center thereof, said table having at least one countersunk recess; second bolt means adapted to extend through said countersunk recess of said table top, said central bore of said block, and said hole in said frame, said bolt means for securing said table top, said block and said frame to each other, a plurality of flanged rings around each of said blocks, said auxiliary supports having their stems secured to said flanged rings, and at least one of said auxiliary supports adapted to pivot on a horizontal plane around said block.

3. A table as in claim 2, wherein the upper portion of said table top includes a plastic layer fixedly superimposed on said table top.

4. A table as in claim 2, wherein said auxiliary supports each include a diamond-shaped frame and a diamond-shaped plate supported by said frame.

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