

- [54] **OUTDOOR POOL TABLE**
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- [52] **U.S. Cl.**..... 273/3 C; 108/156; 248/188.1; 273/6; 273/9; 273/12
- [51] **Int. Cl.**..... **A63d 15/00**; A63d 15/06
- [58] **Field of Search**..... 273/2, 3 R, 3 C, 6, 7, 273/8, 9, 10, 11 R, 11 C, 12; 52/263, 300, 434, 485, 486, 489, 601; 108/161, 156; 248/188.1

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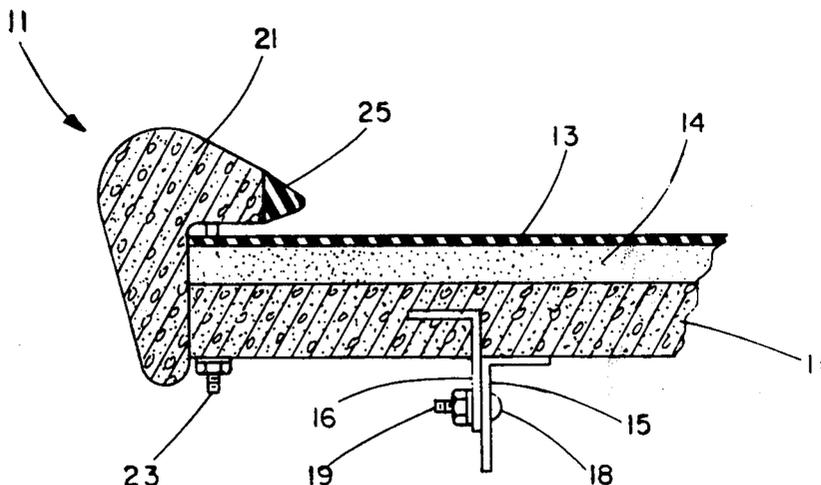
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[57] **ABSTRACT**  
 An outdoor pool table resistant to weather. A concrete slab is mounted atop a rectangular shelf of a metal frame and supported by a plurality of sheet metal legs. The concrete slab includes a depending bracket embedded therein, which bracket abuts against a vertical wall of the rectangular shelf to provide for the mounting of the slab on the shelf. A plurality of concrete bumper supports are mounted atop the slab and extend peripherally therearound. Bumper pads are mounted to and inwardly of the supports. A plurality of pool ball receiving pockets are mounted to the supports adjacent the slab.

**5 Claims, 4 Drawing Figures**



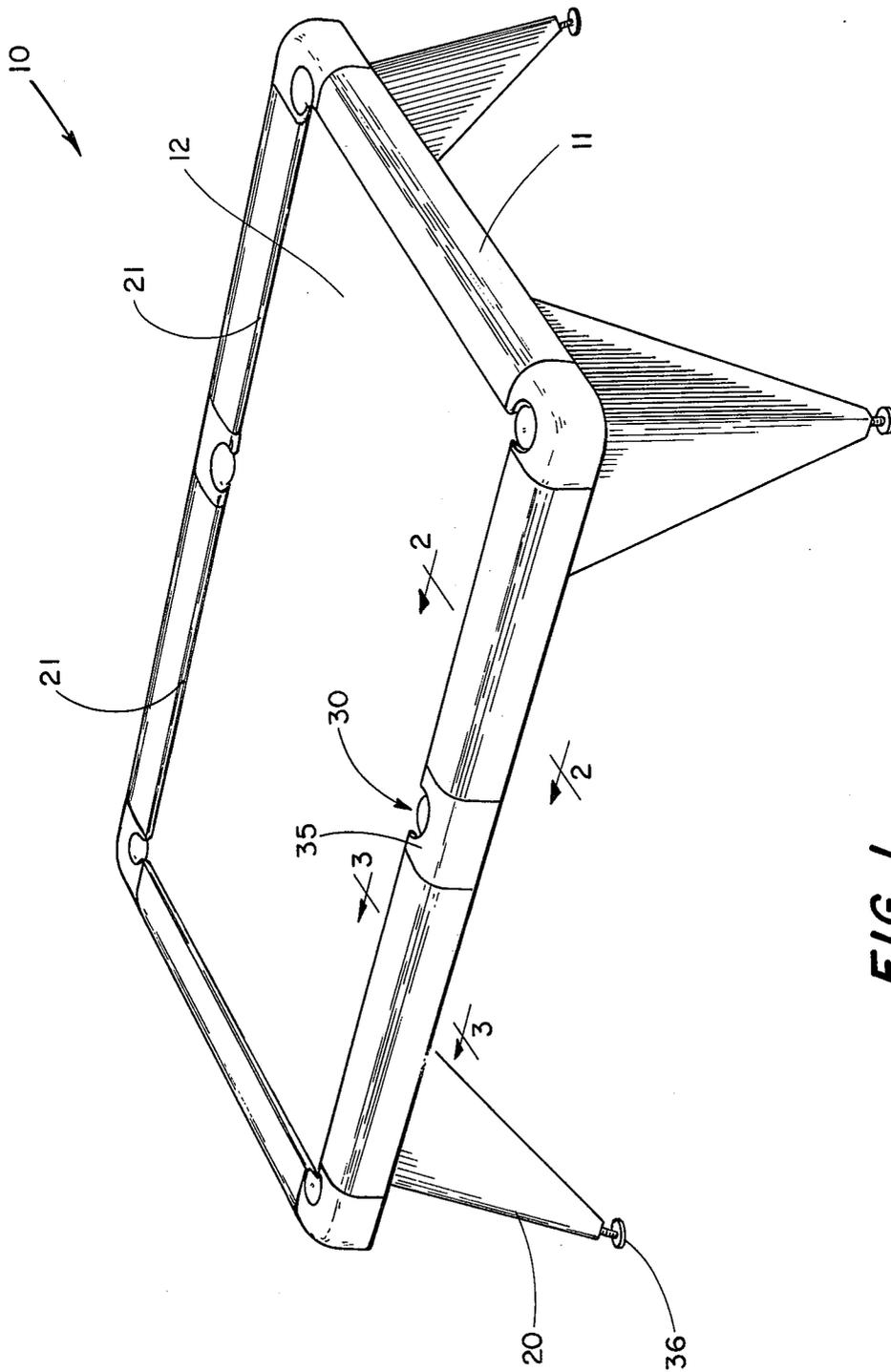
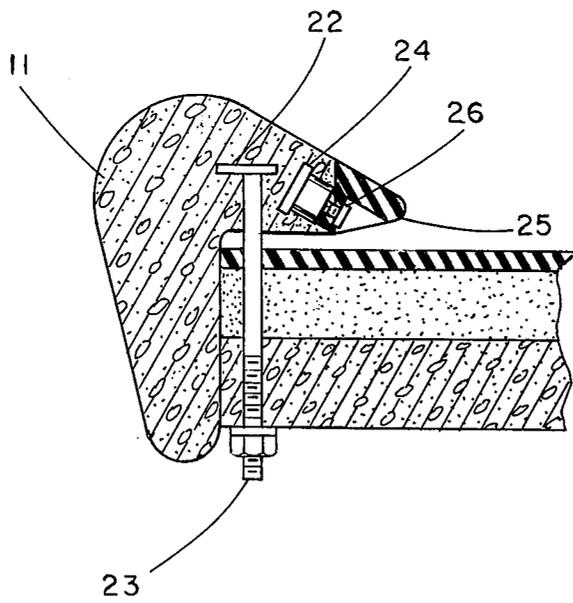
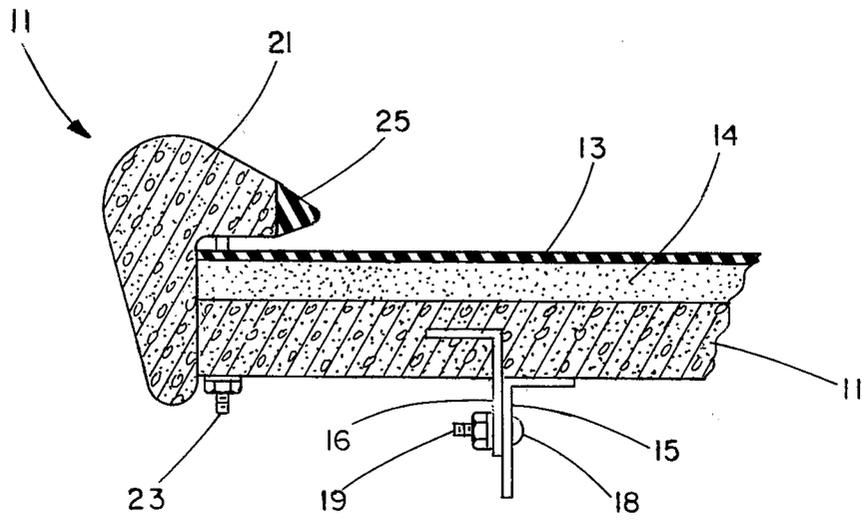


FIG. 1



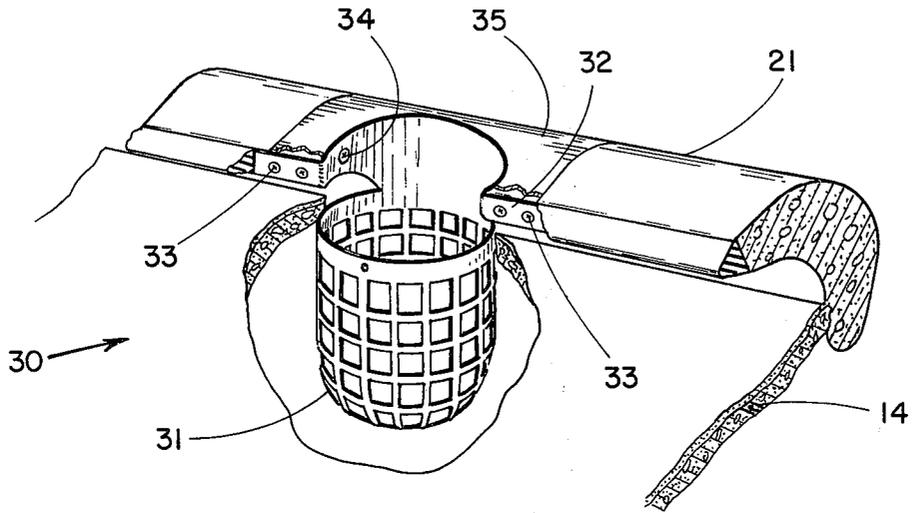


FIG. 4

## OUTDOOR POOL TABLE

### BACKGROUND OF THE INVENTION

#### 1. Field of the Invention

This invention is in the field of pool tables.

#### 2. Description of the Prior Art

A representative sample of the prior art is disclosed in the following U.S. Pat. Nos.: 1,856,117 issued to A. K. Small, Jr.; 1,899,830 issued to A. K. Small, Jr.; 1,946,232 issued to C. A. Olsen et al; 1,950,221 issued to C. H. Buckler; and 3,658,328 issued to D. B. Kooker.

Despite the prior art devices, there is still a need for a pool table which is constructed so as to be completely weather resistant thereby allowing the table to be permanently located outdoors. Likewise, the table should be sufficiently sturdy so as to not be damaged by accidental impact. The pool table disclosed herein meets all of these requirements and in addition is designed to be used indoors as well as outdoors.

### SUMMARY OF THE INVENTION

One embodiment of the present invention is an outdoor pool table comprising a metal main frame including a rectangular shelf mounted atop a plurality of legs, a horizontal concrete slab fixedly mounted atop the shelf, a plurality of concrete bumper supports mounted atop the slab and extending peripherally therearound, a plurality of pool ball receiving pockets mounted to the supports, and a plurality of bumper pads mounted to and inwardly of the supports.

It is an object of the present invention to provide a new and improved pool table.

A further object of the present invention is to provide an outdoor pool table.

Yet another object of the present invention is to provide a pool table which is relatively strong and sturdy.

Related objects and advantages of the present invention will be apparent from the following description.

### BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a perspective view of a pool table incorporating the present invention.

FIG. 2 is an enlarged fragmentary cross sectional view taken along the line 2—2 of FIG. 1 and viewed in the direction of the arrows.

FIG. 3 is an enlarged fragmentary cross sectional view taken along the line 3—3 of FIG. 1 and viewed in the direction of the arrows.

FIG. 4 is an enlarged fragmentary perspective view of one of the side pockets of the pool table shown in FIG. 1.

### DESCRIPTION OF THE PREFERRED EMBODIMENT

For the purposes of promoting an understanding of the principles of the invention, reference will now be made to the embodiment illustrated in the drawings and specific language will be used to describe the same. It will nevertheless be understood that no limitation of the scope of the invention is thereby intended, such alterations and further modifications in the illustrated device, and such further applications of the principles of the invention as illustrated therein being contemplated

as would normally occur to one skilled in the art to which the invention relates.

Referring now more particularly to FIG. 1, there is shown an outdoor pool table 10 including a metal frame 11 upon which a horizontal concrete slab 12 is mounted. Slab 12 is produced from concrete and has a relatively thin layer of plaster 14 secured thereto and extending thereacross. A sheet of smooth water resistant material 13 such as a plastic felt, is mounted atop plaster or grout 14.

Frame 11 includes a right angle shelf 15 which extends continuously around slab 11. Shelf 15 includes a horizontal wall and a vertical wall integrally joined together. A plurality of anchor bolts connect shelf 15 to bracket 16 which is embedded in slab 11 and extends downwardly therefrom receiving end 19 of fastener 18 thereby securing the bracket to shelf 15. A plurality of legs 20 produced from sheet metal are fixedly secured to the vertical wall of shelf 15 and are positioned at each corner of the table to provide the proper support. Each leg 20 includes an adjustable leveling screw 36 (FIG. 1) which extends downwardly beneath the bottom wall of each leg to allow for the adjustment of the table level.

A plurality of concrete bumper supports 21 are mounted atop slab 11 and extend peripherally therearound. Each support 21 (FIG. 3) includes a plurality of anchor bolts 22 embedded therein which extend downwardly through slab 11 being threadedly received by hexagonally shaped nuts threaded on end 23 thereby securing the bumper supports to the slab. In addition, a plurality of smaller anchor bolts 24 are embedded within each bumper support and extend outwardly therefrom through rubber bumper pads 25 mounted to and inwardly of supports 21. Nuts 26 are threadedly received onto bolts 24 and are received in recesses formed in pad 25. A thin sheet 27 of weather resistant material such as plastic felt is then secured to bumper 25 so as to conceal the bumper and fastener 24.

A pocket is located in each corner of the table and also midway along the length of the table on either side of the table. FIG. 4 is a fragmentary perspective view of pocket 30 shown in FIG. 1. Pocket 30 will now be described it being understood that a similar description applies to the other pockets. Pocket 30 includes a flexible plastic bag 31 with a top elongated band 32 secured thereto. Fasteners 33 and 34 extend through band 32 and are threadedly received in threaded holes provided in support 21. The top edge of the pocket is level with the top surface of sheet 13 secured to the slab. Stainless steel covers 35 are mounted to frame 11 and extend over the top of each bumper support adjacent to each pocket so as to conceal bands 32 and fasteners 33.

By producing the slab and bumper supports from concrete, the anchor bolts may be set during the pouring of the concrete thereby providing for a relatively low cost table. The sheet of flexible material covering the slab and bumper supports may be produced from a rubber coated felt material for tables which are to be used outdoors and alternatively may be produced from felt material for tables which are to be used indoors. It is anticipated that the slab will be provided with reinforcing wire to increase the strength of the table.

It will be obvious from the above description that the present invention provides a new and improved pool table. It will be further obvious from the above descrip-

tion that the present invention provides an outdoor pool table which is relatively sturdy.

While the invention has been illustrated and described in detail in the drawings and foregoing description, the same is to be considered as illustrative and not restrictive in character, it being understood that only the preferred embodiment has been shown and described and that all changes and modifications that come within the spirit of the invention are desired to be protected.

The invention claimed is:

1. An outdoor pool table comprising:

- a metal main frame including a rectangular shelf mounted atop a plurality of legs;
- a horizontal concrete slab fixedly mounted atop said shelf;
- a plurality of concrete bumper supports mounted atop said slab and extending peripherally therearound;
- a plurality of pool ball receiving pockets mounted to said supports;
- a plurality of bumper pads mounted to and inwardly of said supports;
- a layer of grout mounted atop and extending across said slab;
- a sheet of smooth water resistant material mounted atop said grout and extending across said slab providing a smooth, plain surface;
- said slab includes a downwardly extending bracket embedded and secured thereto, said bracket being fastened to said shelf;
- said supports include a plurality of downwardly extending threaded members embedded and secured thereto which extend through said slab and fastened thereto securing said supports to said slab;
- said legs are produced from sheet metal and include adjustable leveling screws extending downwardly therebeneath supporting said table; and,
- said shelf is a right angle bracket extending continuously around said slab and including a vertical wall abuttingly receiving said downwardly extending bracket.

2. The outdoor pool table of claim 1 wherein: said pockets include flexible plastic bags with top elongated bands secured thereto, said supports include threaded holes for receiving fasteners extending through said bands to secure said pockets to said support.

3. In an outdoor pool table including a main frame with depending legs, a horizontal concrete slab mounted to said frame, said slab having four opposite edge portions, a plurality of concrete bumper supports mounted to said slab and extending peripherally therearound, a plurality of ball receiving pockets mounted to said supports; wherein the improvement comprises: a bracket embedded in said slab and extending downwardly beneath said slab, said bracket being fastened to said frame to secure said slab on said frame; and, said frame includes a horizontal shelf upon which said slab rests, said shelf extends along each edge portion of said slab and is fastened to said bracket; said shelf is rectangular and is a right angle frame extending continuously around said slab, said right angle frame includes a vertical wall abuttingly receiving said bracket.

4. The outdoor pool table of claim 3 wherein: said pockets include flexible plastic bags with top elongated bands secured thereto, said supports include threaded holes for receiving fasteners extending through said bands to secure said pockets to said supports.

5. The outdoor pool table of claim 4 and further comprising:

- a plurality of bumper pads mounted to and inwardly of said bumper supports, said supports include a plurality of anchor bolts embedded therein which extend through said pads, said pads include a plurality of recesses formed thereon into which said anchor bolts project, said pads also include a plurality of fastening nuts positioned in said recesses and threaded onto said anchor bolts securing said pads to said bumper supports.

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