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J. R. PAULEN

3,180,682

LOUNGE PIECE

Filed March 11, 1963

2 Sheets-Sheet 1

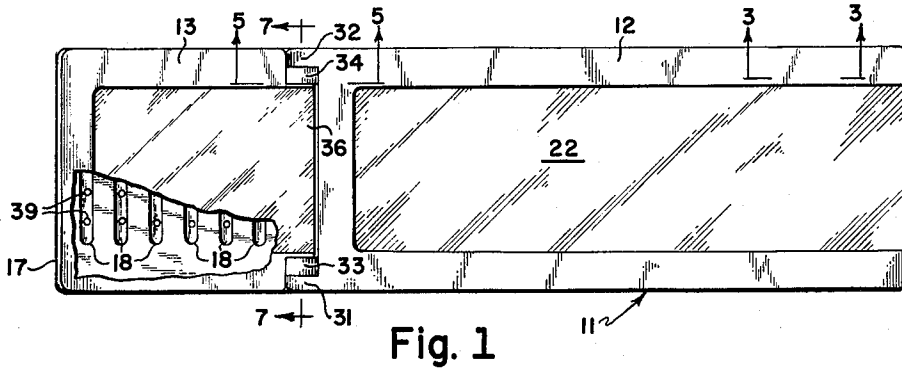


Fig. 1

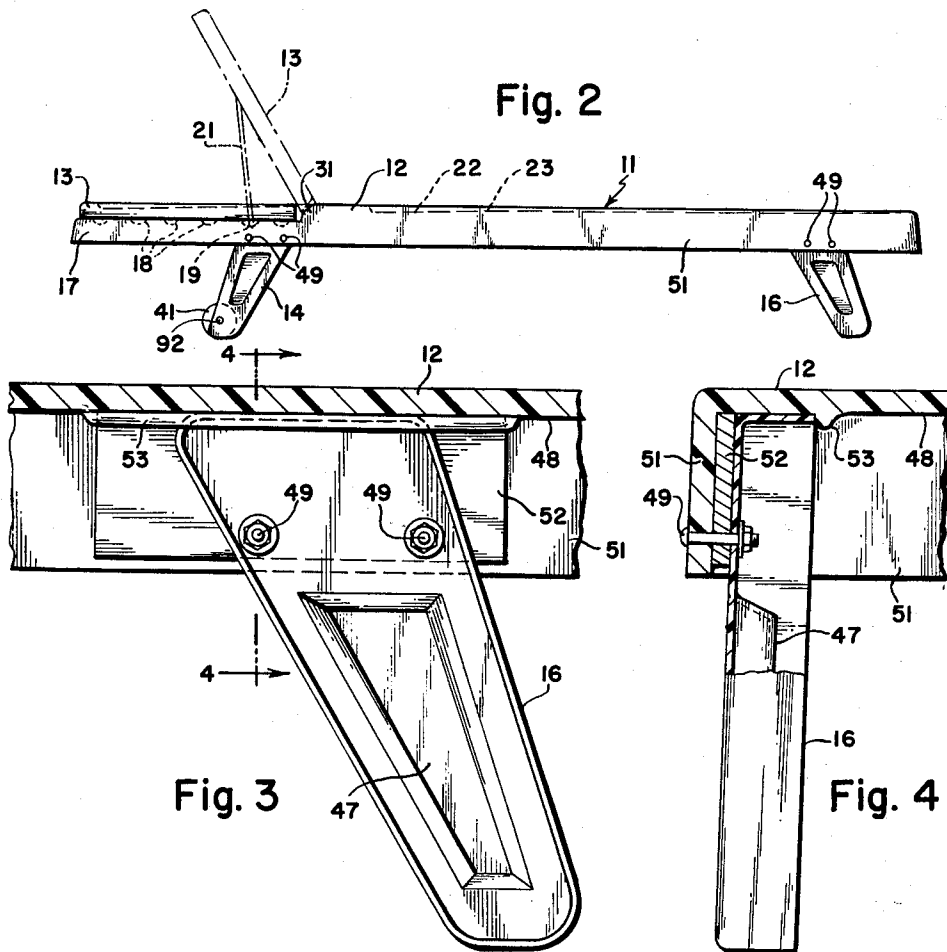


Fig. 2

Fig. 3

Fig. 4

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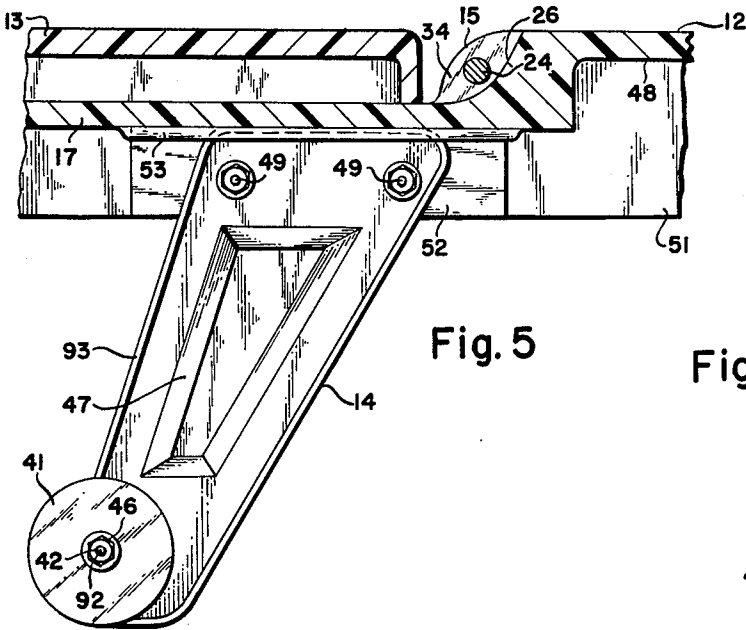


Fig. 5

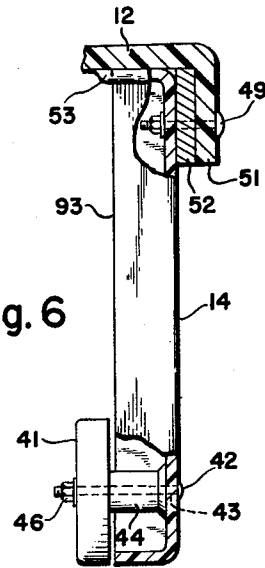


Fig. 6

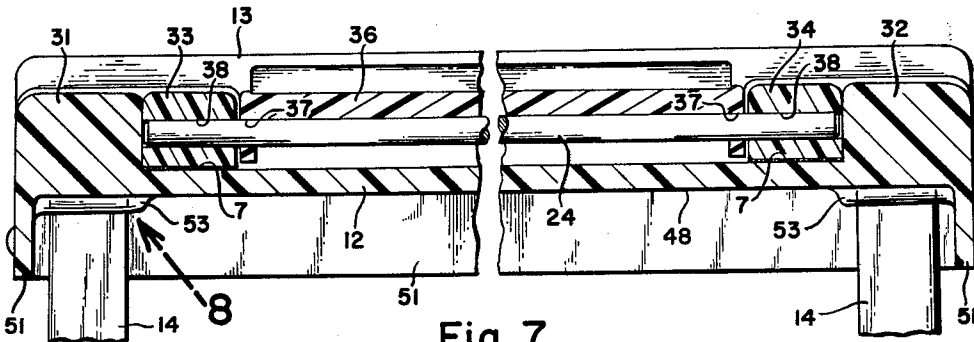


Fig. 7

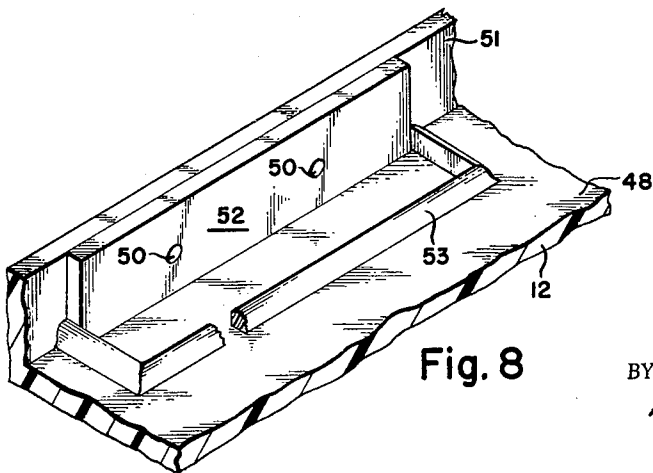


Fig. 8

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3,180,682

LOUNGE PIECE

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7 Claims. (Cl. 297—377)

This invention relates to a lounge, and, more particularly, this invention relates to a lounge construction which includes an adjustable head rest and removable legs.

In the past, lounges have been made of webbing fastened to suitable metal frames, of wood and of wrought iron. As is perhaps well known, such lounges have been characterized respectively by the fact that the webbing often become worn, torn, dirty or loose, wooden members often splintered, and wrought iron was subject to attack by rust.

It is an object of this invention to provide a molded fiberglass lounge or chaise which will not sag, which presents no rough edges likely to snag on hose or clothing of a user, and which does not include webbing.

It is also an object of this invention to provide a lounge having a body rest portion, an adjustable head rest portion and legs laterally supported such that, after the lounge has been in use over a period of time, it does not result in loose or wobbly legs.

It is a general object of this invention to provide a portable lounge which is strong and durable, relatively inexpensive to manufacture, temperature and heat resistant, decorative and otherwise well adapted for the purposes specified hereinafter.

It is also an object of this invention to provide a portable lounge which may be readily disassembled for storage or shipment and which is readily cleaned.

In accordance with these and other objects which will become apparent hereinafter, the instant invention will now be described with reference to the accompanying drawings illustrating a preferred embodiment thereof.

In the drawings:

FIG. 1 is a plan view of the lounge;

FIG. 2 is a side elevation view of the lounge;

FIG. 3 is a partial side elevation view taken along the line 3—3 of FIG. 1 and looking in the direction of the arrows;

FIG. 4 is a front elevation view, partly in cross section looking in the direction of the arrows, taken along the line 4—4 of FIG. 3;

FIG. 5 is a side elevation view, partly in cross section, taken along the line 5—5 of FIG. 1 and looking in the direction of the arrows;

FIG. 6 is a partial end view of FIG. 5;

FIG. 7 is a view in cross section taken along the line 7—7 of FIG. 1 and looking in the direction of the arrows; and

FIG. 8 is a fragmentary, perspective view of the area designated by the arrow 8 in FIG. 7.

Referring more particularly to the drawings, wherein like reference characters designate like or corresponding parts throughout the different views, and referring particularly to FIG. 1, the numeral 11 designates generally a lounge or chaise having a body rest 12 formed of fiberglass, a pivotally adjustable headrest 13 and downwardly extending support legs 14 and 16. In this explanation, the end 8 will be designated the forward end, and the end 9 will be designated the rearward end.

As is clearly shown in FIGS. 1 and 2, the body rest 12 is provided with a recessed forward portion 17 underlying the headrest 13, in which portion there are provided a series of transverse grooves 18 for receiving the distal edge 19 of a U-shaped support 21 pivotally depending from the head rest. The headrest is pivotally mounted

to the body portion for rotation about a member, such as the bar, 24, seen in FIG. 7. The mounting of the headrest to the body rest is best understood upon reference to FIGS. 1, 5 and 7. The recessed forward portion 17 of the body portion merges with the main plane of the body rest along a curvilinear line designated 26 in FIG. 5, there being two opposed forwardly extending ears 31 and 32 formed on the outer edge, thus forming an ear of suitable configuration, such as the substantially elliptical configuration shown in cross section, since the ears merge with the forward portion along a correspondingly curved line 15. Blocks, such as 33 and 34, are fastened by any suitable means, such as the adhesive material 7, in abutting engagement with the ears and a rearwardly extending projection 36 of the headrest is disposed therebetween on the member 24 which is inserted through a hole 37 in each side of the headrest and projecting into a bore 38 in each block. It is apparent that holes may be provided in the ears 31 and 32 and that the blocks 33 and 34 may, in fact, be integral with the body rest. Alternatively, the blocks may be provided with projections (not shown) adapted to co-act with the headrest.

The body portion is provided with a depressed central area 22 which is inclined with respect to the main plane of the body rest as indicated by the dotted line 23 in FIG. 2, which merges with the main plane at the rear end. Additionally, the headrest is provided with an inclined depressed area with respect to the main plane of the headrest. The inclined areas provide for water drainage on the body rest toward the rear end and on the headrest toward the rearwardly extending projection 36 whereupon it drains to the forward portion 17 and out through drain holes 39.

The leg supports and mountings therefor are best understood upon reference to FIGS. 3, 4, 5, 6 and 8. The front legs 14 are provided with wheels 41 which are mounted to the legs by means of a carriage bolt 42 passed through a hole 43 and secured in place by means of a spacer 44 and nut 46. The front and rear legs may be inclined relative to the vertical as shown for increased strength, and said legs may also be provided with a decorative, as well as strengthening surface, such as the indented portion, such as 47 of FIG. 5. It is to be noted that the wheels are attached to the legs such that, in use, when the body rest is inclined relative to a surface, it may be pushed like a wheelbarrow and, when it is in the normal position, the wheels do not support the lounge. As is clear in FIGS. 2, 5 and 6, this is accomplished by mounting the wheels on the legs at a point 92 such that the distance from the point to the distal ends of the legs is slightly larger than the radius of the wheels and such that a portion of the periphery of the wheels extends outwardly from the side face 93 of the legs.

The legs are mounted to the underside 48 of the body rest 12 by means of bolts 49 passed through holes 50 provided in a depending circumferential lip 51 of the body rest, and a backing block 52. The legs are received in a pocket defined by a downwardly extending ridge, or bead, 53 of the underside of the body portion. The ridge 53, which may be integral or formed from a separate member, prohibits the legs from wobbling since they relieve the forces exerted on the bolt mountings and prohibit the legs from flaring outwardly.

As is well known in the art, the section modulus of the body rest 12 selected for manufacture may be achieved by fiberglass deposition of a thicker layer or a relatively thin layer of a curved cross-section. Also, a filler may be used such as cardboard, plywood or other suitable material.

While the instant invention has been shown and described herein in what is conceived to be the most prac-

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tical and preferred embodiment, it is recognized that departures may be made therefrom within the scope of the invention, which is, therefore, not to be limited to the details disclosed herein, but is to be accorded the full scope of the claims so as to embrace any and all equivalent apparatus and articles.

What is claimed is:

1. A lounge of synthetic, plastic material, comprising a main, substantially continuous, body portion having an integral flange depending from its under side, a set of generally flat legs secured to said flange in side-surface-abutting relationship, a bead shallower than said flange, also depending from said under side, and in closely-surrounding relationship to the outer sides and the edges of said legs, said body portion having a downwardly stepped section at one end, and a head rest mounted for swinging movement upward from a position of lodgment in said section.

2. A device as in claim 1, said body portion having a sloping, central depression, and through passages for drainage at the deep end of said depression.

3. A lounge piece of synthetic plastic material comprising a main, substantially continuous, body portion having an integral flange depending from its under side, a set of generally flat legs secured to said flange in side-surface-abutting relationship, a bead shallower than said flange, also depending from said under side, and in closely-surrounding relationship to the outer sides and the edges of said legs, said body portion having a downwardly stepped section at one end, and a head rest mounted for swinging movement upward from a position of lodgment in said section, said legs having a peripheral skirt, and a central, embossed portion extending into the recesses formed by said skirt, and wheels journalled directly to two of said legs, and adapted to support the load of said device only when said main portion is inclined to the vertical.

4. In a device as set forth in claim 3, a backing block between said flange and each of said legs.

5. A lounge piece of synthetic plastic material comprising a main, substantially continuous, body portion

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having an integral flange depending from its under side, a set of generally flat legs secured to said flange in side-surface-abutting relationship, and beads shallower than said flange also depending from said under side and in closely-surrounding continuous relationship from one point to another point on the flange and to the outer sides and the edges of each of said legs, to define a downwardly opening pocket to snugly receive the upper end of each leg, said legs having a peripheral skirt, and a central embossed portion extending into the recess formed by said skirt, wheels journalled directly to two of said legs, and adapted to support the load of said device only when said main portion is inclined to the vertical.

6. A lounge piece as set forth in claim 5 wherein the said body portion includes a downwardly stepped section at one end, and a head rest mounted for swinging movement upward from a position of lodgment in said section, said body portion having a sloping, central depression, and through passage for drainage at the deep end of said depression.

7. A device as set forth in claim 6 wherein a backing block is included between the flange and each of said legs.

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FRANK B. SHERRY, *Primary Examiner*.