

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 1 523 261 B1

(12)

EUROPEAN PATENT SPECIFICATION

(45) Date of publication and mention
of the grant of the patent:
03.05.2006 Bulletin 2006/18

(21) Application number: **02749287.5**

(22) Date of filing: **04.07.2002**

(51) Int Cl.:
A47G 19/06^(2006.01) A47G 23/06^(2006.01)

(86) International application number:
PCT/IT2002/000441

(87) International publication number:
WO 2004/004520 (15.01.2004 Gazette 2004/03)

(54) **A FOOD TRAY WITH THUMB HOLES**

SPEISETABLETT MIT DAUMENGRIFFÖFFNUNGEN

PLATEAU D'ALIMENTS DOTE DE TROUS POUR LES POUCES

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
IE IT LI LU MC NL PT SE SK TR**

(43) Date of publication of application:
20.04.2005 Bulletin 2005/16

(73) Proprietors:
• **CONGIU, Ignazio**
I-00040 Pomezia (IT)
• **LANUCARA, Maurizio**
I-00199 Roma (IT)

(72) Inventors:
• **CONGIU, Ignazio**
I-00040 Pomezia (IT)

• **LANUCARA, Maurizio**
I-00199 Roma (IT)

(74) Representative: **Mascioli, Alessandro**
Via Leonina 26
00184 Roma (IT)

(56) References cited:

DE-U- 1 975 348	DE-U- 7 040 940
DE-U- 7 202 617	DE-U- 8 629 874
GB-A- 2 154 428	GB-A- 2 272 829
GB-A- 2 367 233	GB-A- 2 369 769
US-A- 2 466 636	US-A- 4 219 144
US-A- 5 114 038	US-A- 5 152 398
US-A- 5 301 871	US-A- 5 390 798
US-A- 5 429 266	US-A- 5 607 077
US-A- 6 129 235	

Note: Within nine months from the publication of the mention of the grant of the European patent, any person may give notice to the European Patent Office of opposition to the European patent granted. Notice of opposition shall be filed in a written reasoned statement. It shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

EP 1 523 261 B1

Description

[0001] The present invention concerns a bearing device that may be grasped for eating and/or drinking even while standing and moving.

[0002] At present it occurs that, if not comfortably sitting around a table, eating and drinking takes place in a rather uncomfortable and little functional manner. In fact, while standing you can either eat or drink. For eating, you can hold your plate with one hand and with the other one you can use fork or spoon, and if you are eating on a plastic plate it is even more uncomfortable; for drinking, you will leave your plate and your fork or spoon. Most of all, while you are eating you must control your glass because, with many people around, someone else could take it by mistake. As this is not always possible, usually a much greater number of glasses is used than necessary.

[0003] From documents US5607077 A, DE 7202617U and GB 2367233 and others more, bearing devices are known which can be easily seized with only the left hand, wherein the halfcentral handle may expose the thumb to getting dirty, and wherein the seats for the food have shapes which do not allow the housing of particular food like soups, and wherein no housings are provided for containing drinks besides a glass, nor housings for tableware and napkins.

[0004] A further disadvantage consists in that, for obtaining a determined stiffness, such bearing devices may be realized only with materials like plastic or metal.

[0005] It is the aim of the present invention to completely solve all above mentioned inconveniences.

[0006] The aim set forth is reached by means of the bearing device according to the present invention that may be grasped for eating and/or drinking even while standing and moving which, in a first variant, is of the throwaway kind out of paper, cardboard or other recycling material, for users of fast-foods and similar, for parties and/or anniversaries in which the colour and the design may recall New Year's Day, Carnival, Easter, birthdays etc.

[0007] A second variant of the bearing according to the present invention may be used several times as it is realized out of metal, plastic, wood or other materials; the convenience of this variant with respect to the throwaway one makes it particularly suitable for being used during holidays as a bearing for plastic plates and glasses; at the same time, it will also serve as a ballast when having a lunch in the open air.

[0008] For reaching the aim set forth in both variants, the bearing according to the present invention comprises a plurality of cavities obtained in the structure for placing the food, as well as one or more passing through shapes performed in the edge thereof for the manual bearing and also housings for inserting and keeping - with a rest and/or with a joint - tins or bottles for drinks. All variants may be realized in many dimensions and shapes according to the needs, as they may bear one or more containers

for food and/or drinks and one or more bearings for cutlery and paper serviettes.

[0009] The special and double grasping - left and right, closed or open - allows a safe and comfortable hold for anyone.

[0010] In a further variant, the mentioned throwaway bearing according to the present invention may be realized in a modular packing, with a minimum transport and storing encumbrance.

[0011] The present invention will be described more in detail herein below relating to the enclosed drawings in which some embodiments are shown which, according to the material used, may be of the throwaway kind or not.

[0012] Figure 1 shows an axonometric view of a device for taking food with the sole left hand that may be used, e.g., in the field of pastry.

[0013] Figure 2 shows the means for bearing the paper serviette.

[0014] Figure 3 shows the groove in the cardboard variant.

[0015] Figure 4 shows a plan.

[0016] Figures 5, 6, 7, 8, 9 show a possible realization out of cardboard or similar for taking complete meals using a throwaway plate, glass and cutlery, wherein in detail:

- figure 5 shows a grasping with the left hand;
- figure 6 shows the view of a possible preparation for a meal;
- figure 7 shows a realization scheme;
- figure 8 shows a view of a possible preparation for a meal;
- figure 9 shows a plan view of the device.

[0017] Figures 10, 11, 12, 13, 14 show a possible realization for taking complete meals without a plate but with throwaway cutlery and glass, wherein in detail:

- figure 10 shows a left-hand grasping;
- figure 11 shows a view of a possible preparation for a meal;
- figure 12 shows a scheme of a possible realization;
- figure 13 shows a variant of a preparation for a meal;
- figure 14 shows a plan view of the device.

[0018] Figures 15, 16, 17, 18, 19 show a possible realization for fast-foods, wherein in detail:

- figure 15 shows a left-hand grasping;
- figure 16 shows the view of a possible preparation with bearings for food and drinks typical for fast-foods and similar;
- figure 17 shows a realization scheme;
- figure 18 shows a preparation variant for fast-foods and similar;
- figure 19 shows a plan view of the device.

[0019] Figures 20, 21, 22, 23 show a possible realization

tion out of metal, plastic or wood, that can be used again, for taking complete meals, wherein in detail:

- figure 20 shows a left-hand grasping;
- figure 21 shows a view of a possible preparation for a meal;
- figure 22 shows another view of this variant;
- figure 23 shows a plan view of the device.

[0020] Figures 24, 25, 26, 27 show a possible realization of a metal thread shaped for being re-used for taking complete meals, wherein in detail:

- figure 24 shows a view of a possible preparation for a meal;
- figure 25 shows a left-hand grasping;
- figure 26 shows another view of this variant;
- figure 27 shows a plan view of the device.

[0021] Figures 28, 29 and 30 show the plan development of the modular variants: according to the present invention, small, medium and large, that may be realized out of cardboard or similar, with a watertight bottom.

[0022] Figures 31, 32, 33 and 34 show the development of a possible bottomless realization out of cardboard or similar, wherein in detail:

- figure 31 shows a plan view of a small device;
- figure 32 shows a plan view of a great device;
- figure 33 shows a plan view of a device for housing cups of different dimensions;
- figure 34 shows a plan view of a device for taking fast-food meals.

[0023] Figures 35, 36, 37 and 38 show a plurality of devices with a bottom after assembling, wherein in detail:

- figures 35 and 37 show a great device;
- figure 36 shows a small device;
- figure 38 shows a medium device.

[0024] Figures 39, 40, 41, 42 show some bottomless devices after assembling, wherein in detail:

- figure 39 shows a small device;
- figure 40 shows a device for the cups;
- figure 41 shows a fast-food device with the typical accessories;
- figure 42 shows a fast-food device without accessories.

[0025] Relating now to the details shown in the enclosed figures, the bearing device according to the present invention, that may be grasped for eating and/or drinking even while standing and moving, comprises, in above mentioned variants and apart from already available objects shown only for understanding the usefulness of the present invention:

- a groove 1, for housing the food to be taken;
- a seat 2 for the thumb of the left hand for grasping, or for other functional objects;
- a seat 3 for the thumb of the right hand for grasping, or for other functional objects;
- a seat 4 for the paper serviette or other functional objects;
- a groove 5 to be glued to fixed to wings 6 in the cardboard realization;
- a plurality of wings 6 onto which said groove 5 may be glued or fixed;
- a paper serviette 7 or similar;
- a cardboard wing 8 or similar to be fixed to eyelets 15 for bearing drink containers 10 to 19, shown in the figures in closed position, and fit for piling up and packing the device according to the present invention;
- a fork 9 or other cutlery;
- a tin 10 for drinks;
- a throwaway glass 11 or similar;
- a throwaway plate 12 or similar;
- a seat 13 for a glass 11 or other functional objects;
- a wing 14 for holding the paper serviette 7 or a cutlery 9 or other functional objects;
- a plurality of eyelets for fixing said wing 8;
- a seat 16 for drink containers 10, 9 and 22;
- a seat 17 for said plate 12;
- a wing 18 in open position, holding a drink container;
- a bottle 19 for drinks;
- a groove 20 to be glued or fixed to said wings 6, in the cardboard realization or similar;
- a groove 21 onto which the meal is placed;
- a glass 22 for drinks taken in a fast-food;
- a container 23 for food like the fried potatoes of a fast-food;
- a container 24 for food like the hamburgers of a fast-food;
- a seat 25 for containing food 23 or similar;
- a seat 26 for containing food 24 or similar;
- a seat 27 with a fixed tongue for drink containers 10 to 19;
- a seat 28 for other functional objects;
- a groove 29, seat of said plate 12 or directly of the food;
- a cup 30;
- a groove 31 for said plate 12.

[0026] Furthermore, for what concerns the variants of the modular kind, the following references shall be mentioned:

- a tongue 32 to be folded inside a hole 33 by pushing on a line 56 during assembling, whereby the relative edges are overlapping;
- a hole 33 into which said tongue is folded during assembling, a seat 34 for the thumb hold close as for grasping, a bottom 35 folded along the dotted lines during assembling and that becomes water-

- tight;
- an eyelet 36 through which a wing 38 passes during assembling, before it gets folded into a hole 37;
 - a hole 37 into which, during assembling, a wing 38 gets folded;
 - a wing 38 passing through said eyelet 36 and then being folded into said hole 37;
 - a plane part 39 that, during assembling, is to be folded first of 90° downwards along a line 51 and then of further 90° along a line 52, and thus becomes the bottom of what is contained in holes 13 and 27 after assembling;
 - a wing 40 with a smaller wing 38 at its end;
 - an outer edge 41 that is to be folded downwards of 90°, for stiffening the device;
 - an outer edge 42 that is to be folded downwards of 90° for stiffening the device, and containing holes 43 into which tongues 44 are folded during assembling;
 - a hole 43 into which said tongues 44 are folded during assembling;
 - a tongue 44 that must be folded into said hole 43 during assembling;
 - an inner edge 45 that is to be folded downwards of 90° during assembling for stiffening the device;
 - a plane part 46, cut out along the continuous line, that is to be folded downwards first of 90° along a line 53 and then of further 90° along a line 54 and finally a last fold of 90° of the part with the tongues 44 along a line 55, keeping said edge 42 inside, so that tongues 44 overlap in holes 43, and thus it becomes a bearing for the content of holes 13 and 27;
 - a hole 47 that may be used for cutlery or other accessories;
 - a hole 48 for containing a dessert or other accessories;
 - a plane part 49, cut out along the continuous line, that must be folded downwards first of 90° along line 53, then of further 90° along line 54 and then the part with tongues 44 still of 90° along line 55, keeping the edge 42 inside so that tongue 44 overlaps in said hole 43 and therefore is a bearing to the content of said holes 13 and 27;
 - a plane part 50, cut out along a continuous line, that is to be folded downwards first of 90° along a line 53, then of further 90° along a line 54 and finally the part with the tongues 44 of further 90° along a line 55, keeping inside said edge 42 to that said tongue 44 overlaps in said hole 43 and is a bearing for the content of hole 48;
 - a folding line 51;
 - a wing 52 for holding the plate;
 - a folding line 53;
 - a folding line 54;
 - a folding line 55;
 - a folding line 56;
 - a hollow space 57 for housing a plate;
 - a hollow space 58 for housing one or more small cups;

- a hollow space 59 for housing one or more medium and great cups.

5 Claims

1. A bearing device that may be grasped for eating and/or drinking even while standing and moving, comprising a plurality of cavities obtained in the structure for placing the food, as well as one or more passing through shapes performed in the edge thereof for the manual bearing, and also housings for inserting and keeping - with a rest and/or with a joint - tins or bottles for drinks, and bearings for cutlery and paper serviettes;

characterized by:

- a first groove (1) for housing the food to be taken;
- a first seat (2) for the thumb of the left hand for grasping, or for other functional objects;
- a second seat (3) for the thumb of the right hand for grasping, or for other functional objects;
- a third seat (4) for a paper serviette (7) or other functional objects;
- a second groove (5) to be glued or fixed to wings (6) in the cardboard realization;
- a plurality of wings (6) onto which said second groove (5) may be glued or fixed;
- a first cardboard tongue (8) or similar to be fixed to eyelets (15) for bearing drink containers (10) and (19);
- a fourth seat (13) for a glass (11) or other functional objects;
- a wing (14) for holding the paper serviette (7) or a cutlery (9) or other functional objects;
- a plurality of eyelets (15) for fixing the first tongue (8);
- a fifth seat (16) for drink containers (10, 19 and 22);
- a sixth seat (17) for a plate (12);
- a second tongue (18) in open position, holding a drink container;
- a third groove (20) to be glued or fixed to wings (6) in the cardboard realization or similar;
- a fourth groove (21) onto which the meal is placed;
- a seventh seat (25) for containing food (23) or similar;
- a eighth seat (26) for containing food (24) or similar;
- a ninth seat (27) with a fixed tongue for the drink containers (10) and (19);
- a tenth seat (28) for other functional objects;
- a fifth groove (29), seat of the plate (12) or directly of the food;
- a sixth groove (31) for the plate (12).

2. A bearing device according to claim 1, **characterized in that** it may be modular by means of:

- a tongue (32) to be folded inside a hole (33) by pushing on a line (56) during assembling, whereby the relative edges are overlapping; 5
- a hole (33) into which said tongue is folded during assembling;
- a seat (34) for the thumb hold close as for grasping; 10
- a bottom (35) folded along the dotted lines during assembling and that becomes watertight;
- an eyelet (36) through which a wing (38) passes during assembling, before it gets folded into a hole (37); 15
- a hole (37) into which, during assembling, a wing (38) gets folded;
- a wing (38) passing through said eyelet (36) and then being folded into said hole (37);
- a plane part (39) that, during assembling, is to be folded first of 90° downwards along a line (51) and then of further 90° along a line (52), and thus becomes the bottom of what is contained in holes (13) and (27) after assembling; 20
- a wing (40) with a smaller wing (38) at its end; 25
- an outer edge (41) that is to be folded downwards of 90°, for stiffening the device;
- an outer edge (42) that is to be folded downwards of 90° for stiffening the device, and containing holes (43) into which tongues (44) are folded during assembling; 30
- a hole (43) into which said tongues (44) are folded during assembling;
- a tongue (44) that must be folded into said hole (43) during assembling; 35
- an inner edge (45) that is to be folded downwards of 90° during assembling for stiffening the device;
- a plane part (46), cut out along the continuous line, that is to be folded downwards first of 90° along a line (53) and then of further 90° along a line (54) and finally a last fold of 90° of the part with the tongues (44) along a line (55), keeping said edge (42) inside, so that tongues (44) overlap in holes (43), and thus it becomes a bearing for the content of holes (13) and (27); 40
- a hole (47) that may be used for cutlery or other accessories;
- a hole (48) for containing a dessert or other accessories; 50
- a plane part (49), cut out along the continuous line, that must be folded downwards first of 90° along line 53, then of further 90° along line (54) and then the part with tongues (44) still of 90° along line (55), keeping the edge (42) inside so that tongue (44) overlaps in said hole (43) and therefore is a bearing to the content of said holes (13) and (27); 55

- a plane part (50), cut out along a continuous line, that is to be folded downwards first of 90° along a line (53), then of further 90° along a line (54) and finally the part with the tongues (44) of further 90° along a line (55), keeping inside said edge (42) to that said tongue (44) overlaps in said hole (43) and is a bearing for the content of hole (48);
- a folding line (51);
- a wing (52) for holding the plate;
- a folding line (53);
- a folding line (54);
- a folding line (55);
- a folding line (56);
- a hollow space (57) for housing a plate;
- a hollow space (58) for housing one or more small cups;
- a hollow space (59) for housing one or more medium and great cups.

Patentansprüche

1. Eine Tragevorrichtung, die auch dann zum Essen und/oder Trinken in die Hand genommen werden kann, wenn man steht und sich bewegt, die eine Vielzahl von Hohlräumen umfasst, die in der Struktur erhalten wurden, um das Essen zu Platzieren sowie eine oder mehrere durchgehende Formen in ihrer Ecke zum Tragen mit der Hand und ebenso Gehäuse zum Hineinstecken und zur Aufnahme - mit einer Stütze und/oder mit einer Verbindung - von Getränkedosen oder - flaschen und Aufnahmestellen für Besteck und Papierservietten, die charakterisiert ist durch:

- eine erste Rille (1) für die Aufnahme des zu nehmenden Essens;
- ein erster Sitz (2) für den Daumen der linken Hand zum Packen oder für andere funktionelle Gegenstände;
- ein zweiter Sitz (3) für den Daumen der rechten Hand zum Packen oder für andere funktionelle Gegenstände;
- ein dritter Sitz (4) für eine Papierserviette (7) oder für andere funktionelle Gegenstände;
- eine zweite Rille (5), die bei der Papprealisierung an die Flügel (6) geklebt oder befestigt werden soll;
- eine Vielzahl von Flügeln (6) an die die genannte zweite Rille (5) geklebt oder befestigt werden kann;
- eine erste Pappzunge (8) oder etwas Ähnliches zur Befestigung an Ösen (15) zur Aufnahme von Getränkebehältern (10) und (19);
- ein vierter Sitz (13) für ein Glas (11) oder für andere funktionelle Gegenstände;
- ein Flügel (14) zum Halten der Papierserviette

- (7) oder eines Bestecks (9) oder anderer funktioneller Gegenstände;
- eine Vielzahl von Ösen (15) zur Befestigung der ersten Zunge (8);
 - ein fünfter Sitz (16) für Getränkebehälter (10, 19 und 22);
 - ein sechster Sitz (17) für einen Teller (12);
 - eine zweite Zunge (18) in offener Position, die einen Getränkebehälter hält;
 - eine dritte Rille (20), die an die Flügel (6) bei der Papprealisierung oder Ähnlichem geklebt oder befestigt wird;
 - eine dritte Rille (21), auf der die Mahlzeit positioniert wird;
 - ein siebter Sitz (25) zur Aufnahme von Essen (23) oder Ähnlichem;
 - ein achter Sitz (26) zur Aufnahme von Essen (24) oder Ähnlichem;
 - ein Sitz mit einer befestigten Zunge für die Getränkebehälter (10) und (19);
 - ein zehnter Sitz (28) für andere funktionelle Gegenstände;
 - eine fünfte Rille, Sitz des Tellers (12) oder direkt des Essens;
 - eine sechste Rille (31) für den Teller (12).
2. Eine Tragevorrichtung entsprechend Anspruch 1, die **dadurch** charakterisiert ist, dass sie mittels des Folgenden modular sein kann:
- einer Zunge (32), die während des Zusammenbaus durch Drücken auf eine Linie (56) in ein Loch (33) gefaltet werden soll, wodurch die entsprechenden Kanten überlappend sind;
 - eines Lochs (33), in das die genannte Zunge während des Zusammenbaus gefaltet wird;
 - eines Sitzes (34) zum Nahehalten des Daumens zum Packen;
 - eines während des Zusammenbaus entlang der gepunkteten Linien gefalteten Bodens (35), der wasserdicht wird;
 - einer Öse (36), durch die während des Zusammenbaus ein Flügel (38) passiert, bevor er in ein Loch (37) gefaltet wird;
 - eines Lochs (37), in das während des Zusammenbaus ein Flügel (38) gefaltet wird;
 - eines Flügels (38), der durch die genannte Öse (36) passiert und dann in das genannte Loch (37) gefaltet wird;
 - eines flachen Teils (39), der während des Zusammenbaus erst 90° nach unten entlang einer Linie (51) zu falten ist und dann weitere 90° entlang einer Linie (52) und auf diese Weise wird er nach dem Zusammenbau zum Boden dessen, was in den Löchern (13) und (27) enthalten ist;
 - eines Flügels (40) mit einem schmaleren Flügel (38) an seinem Ende;

- einer Außenkante (41), die zur Versteifung der Vorrichtung 90° nach unten gefaltet werden muss;
- einer Außenkante (42), die zur Versteifung der Vorrichtung 90° nach unten gefaltet werden muss und die Löcher (43) enthält, in die Zungen (44) während des Zusammenbaus gefaltet werden;
- eines Lochs (43), in das die genannten Zungen (44) während des Zusammenbaus gefaltet werden;
- einer Zunge (44), die während des Zusammenbaus in das genannte Loch (43) gefaltet werden muss;
- einer Innenkante (45), die während des Zusammenbaus zur Versteifung der Vorrichtung 90° nach unten gefaltet werden muss;
- eines flachen Teils (46), der entlang der kontinuierlichen Linie ausgeschnitten ist und erst 90° nach unten entlang einer Linie (53) zu falten ist und dann weitere 90° entlang einer Linie (54) und am Schluss eine letzte 90°-Faltung des Teils mit den Zungen (44) entlang einer Linie (55), wobei die genannte Kante (42) innen gehalten wird, so dass die Zungen (44) in die Löcher (43) überlappen und auf diese Weise wird er zu einer Aufnahmefläche für den Inhalt der Löcher (13) und (27);
- eines Lochs (47), das für Bestecke oder andere Zubehörteile verwendet werden kann:
- eines Lochs (48) zur Aufnahme eines Desserts oder anderer Zubehörteile;
- eines flachen Teils (49), der entlang der kontinuierlichen Linie ausgeschnitten ist und erst 90° nach unten entlang einer Linie (53) zu falten ist und dann weitere 90° entlang einer Linie (54) und zum Schluss der Teil mit den Zungen (44) weitere 90° entlang einer Linie (55), wobei die Kante (42) innen gehalten wird, so dass die Zunge (44) in das genannte Loch (43) überlappt und daher eine Aufnahmefläche für den Inhalt der genannten Löcher (13) und (27) darstellt;
- eines flachen Teils (50), der entlang einer kontinuierlichen Linie ausgeschnitten ist und erst 90° nach unten entlang einer Linie (53) zu falten ist und dann weitere 90° entlang einer Linie (54) und zum Schluss der Teil mit den Zungen (44) weitere 90° entlang einer Linie (55), wobei die genannte Kante (42) innen gehalten wird, so dass die genannte Zunge (44) in das genannte Loch (43) überlappt und eine Aufnahmefläche für den Inhalt des Lochs (48) darstellt;
- einer Faltlinie (51);
- eines Flügels (52) zum Halten des Tellers;

- einer Faltlinie (53);
- einer Faltlinie (54);
- einer Faltlinie (55);
- einer Faltlinie (56);
- eines Hohlraums (57) zur Aufnahme eines Tellers; 5
- eines Hohlraums (58) zur Aufnahme einer oder mehrerer kleiner Tassen;
- eines Hohlraums (59) zur Aufnahme einer oder mehrerer mittlerer und großer Tassen. 10

Revendications

1. Un dispositif de support qui peut être pris pour manger et/ou boire même en étant debout ou en mouvement, comprenant une pluralité de cavités obtenues dans la structure pour mettre les aliments, ainsi qu'une ou plusieurs formes passantes créées sur le bord de celle-ci pour la supporter manuellement, ainsi que des emplacements pour insérer et tenir - avec un appui et/ou un raccord- des canettes ou des bouteilles pour les boissons, et des supports pour les couverts et les serviettes papier; **caractérisé par:** 15 20 25

- une première rainure (1) pour positionner les aliments à emporter ;
- un premier siège (2) pour le pouce de la main gauche pour la prise, ou pour d'autres objets fonctionnels ; 30
- un deuxième siège (3) pour le pouce de la main droite pour la prise, ou pour d'autres objets fonctionnels ;
- un troisième siège (4) pour une serviette papier (7) ou pour d'autres objets fonctionnels ; 35
- une deuxième rainure (5) à coller ou fixer aux ailes (6) dans la réalisation du carton ;
- une pluralité d'ailes (6) sur lesquelles ladite deuxième rainure (5) pourrait être collée ou fixée ; 40
- une première languette en carton (8) ou similaires à fixer aux oeilletons (15) pour supporter les récipients des boissons (10) et (19) ;
- un quatrième siège (13) pour un verre (11) ou d'autres objets fonctionnels ; 45
- une aile (14) pour contenir la serviette papier (7) ou un couvert (9) ou d'autres objets fonctionnels ;
- une pluralité d'oeilletons (15) pour fixer la première languette (8) ; 50
- un cinquième siège (16) pour les récipients des boissons (10, 19, et 22);
- un sixième siège (17) pour une assiette (12) ;
- une deuxième languette (18) en position ouverte, pour tenir un récipient pour boisson ; 55
- une troisième rainure (20) à coller ou fixer aux ailes (6) dans la réalisation du carton ou similaires;

- une quatrième rainure (21) sur laquelle positionner le repas ;
- un septième siège (25) pour contenir les aliments (23) ou similaires;
- un huitième siège (26) pour contenir les aliments (24) ou similaires ;
- un neuvième siège (27) avec une languette fixe pour les récipients des boissons (10) et (19) ;
- un dixième siège (28) pour d'autres objets fonctionnels ;
- une cinquième rainure (29), siège de l'assiette (12) ou directement des aliments ;
- une sixième rainure (31) pour l'assiette (12).

2. Un dispositif en conformité avec la revendication 1, **caractérisé par le fait qu'il** pourrait être modulaire par le biais de:

- une languette (32) à plier dans un trou (33) en poussant sur une ligne (56) pendant le montage, ainsi les bords relatifs sont superposés ;
- un trou (33) dans lequel ladite languette est pliée pendant le montage ;
- un siège (34) pour le pouce rapproché pour la prise ;
- un fond (35) plié le long des lignes pointillées pendant le montage et qui devient étanche ;
- un oeillet (36) à travers lequel une aile (38) passe pendant le montage, avant d'être pliée dans un trou (37) ;
- un trou (37) dans lequel, pendant le montage, une aile (38) est pliée ;
- une aile (38) qui passe à travers ledit oeillet (36) et ensuite pliée dans ledit trou (37) ;
- une partie plate (39) qui, pendant le montage, est à plier avant de 90° vers le bas le long d'une ligne (51) et ensuite encore de 90° le long d'une ligne (52), et qui devient ainsi le fond de ce qui est contenu dans les trous (13) et (27) après le montage ;
- une aile (40) avec une aile plus petite (38) à son extrémité ;
- un bord extérieur (41) à plier vers le bas de 90° , pour rendre le dispositif plus rigide ;
- un bord extérieur (42) à plier vers le bas de 90° , pour rendre le dispositif plus rigide, et contenir les trous (43) dans lesquels les languettes (44) sont pliées pendant le montage ;
- un trou (43) dans lequel ces languettes (44) sont pliées pendant le montage ;
- une languette (44) qui doit être pliée dans ledit trou (43) pendant le montage ;
- un bord intérieur (45) à plier vers le bas de 90° pendant le montage, pour rendre le dispositif plus raide ;
- une partie plate (46), coupée le long de la ligne continue, qui est à plier vers le bas d'abord de

90° le long d'une ligne (53) et ensuite encore de 90° le long d'une ligne (54) et finalement un dernier pliage de 90° de la partie avec les languettes (44) le long d'une ligne (55), en tenant ledit bord (42) à l'intérieur, pour que les languettes (44) se superposent dans les trous (43), et devenant ainsi un support pour le contenu des trous (13) et (27) ; 5

- un trou (47) qui peut être utilisé pour les couverts ou d'autres accessoires ; 10
- un trou (48) pour contenir un dessert ou d'autres accessoires ;
- une partie plate (49), coupée le long de la ligne continue, qui est à plier vers le bas d'abord de 90° le long d'une ligne (53) et ensuite encore de 90° le long d'une ligne (54) et ensuite la partie avec les languettes (44) encore de 90° le long de la ligne (55), en tenant le bord (42) à l'intérieur pour que la languette (44) se superpose dans ledit trou (43) et ainsi elle devient un support 20 pour le contenu desdits trous (13) et (27) ;
- une partie plate (50), coupée le long de la ligne continue, qui est à plier vers le bas d'abord de 90° le long d'une ligne (53) et ensuite encore de 90° le long d'une ligne (54) et ensuite la partie avec les languettes (44) encore de 90° le long de la ligne (55), en tenant le bord (42) à l'intérieur pour que la languette (44) se superpose dans ledit trou (43) et devenant ainsi un support pour le contenu dudit trou (48) ; 30
- une ligne de pliage (51) ;
- une aile (52) pour tenir l'assiette ;
- une ligne de pliage (53) ;
- une ligne de pliage (54) ;
- une ligne de pliage (55) ; 35
- une ligne de pliage (56) ;
- une cavité creuse (57) pour positionner une assiette ;
- une cavité creuse (58) pour positionner une ou plusieurs petites tasses ; 40
- une cavité creuse (59) pour positionner une ou plusieurs tasses moyennes ou grandes.

45

50

55

FIG. 1

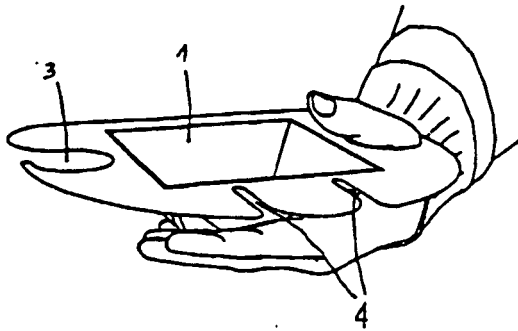


FIG. 2

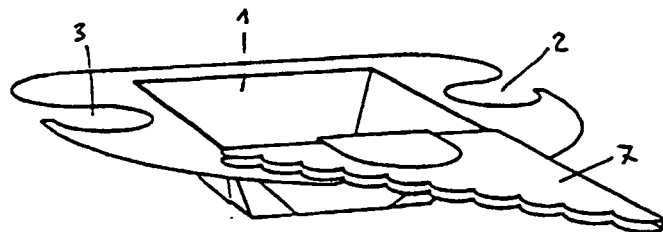


FIG. 3

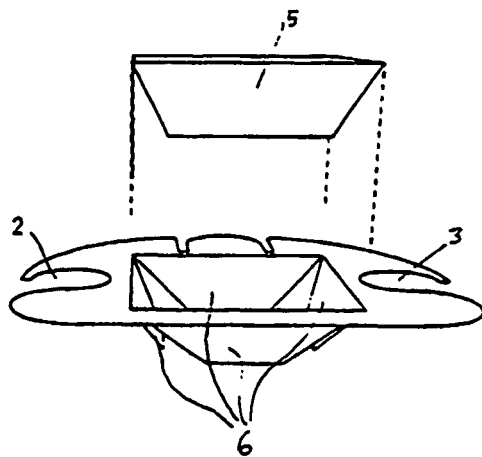


FIG. 4

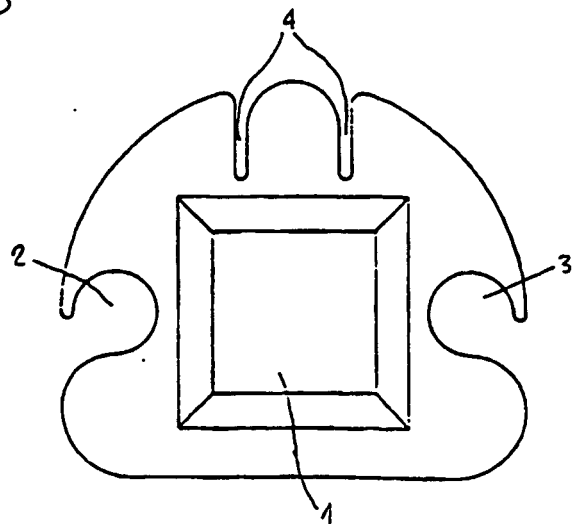


FIG.5

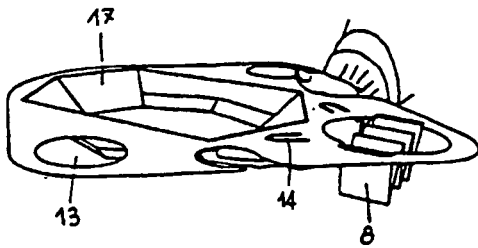


FIG.6

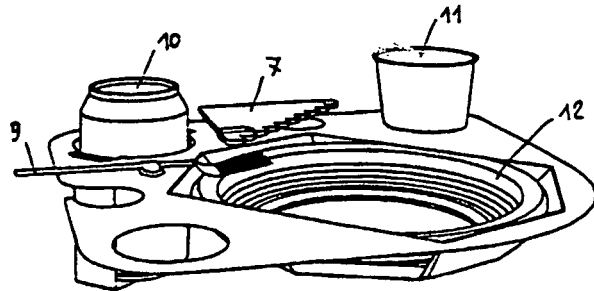


FIG.7

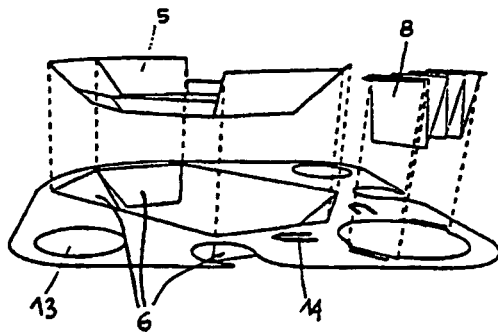


FIG.8

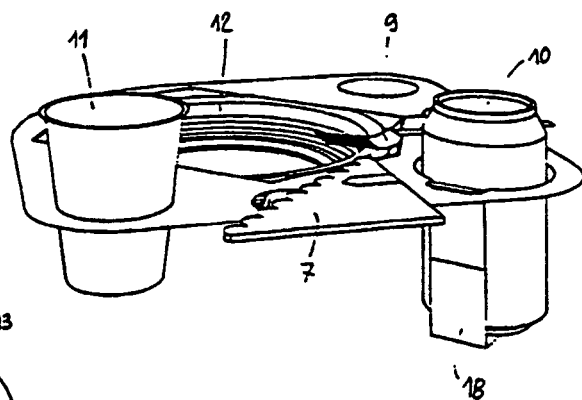


FIG.9

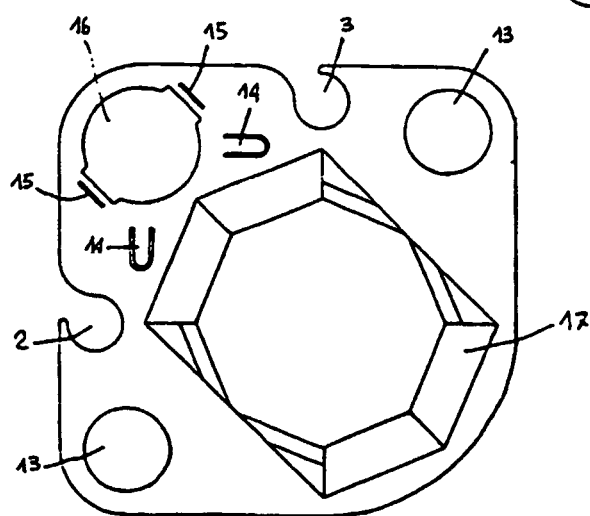


FIG. 10

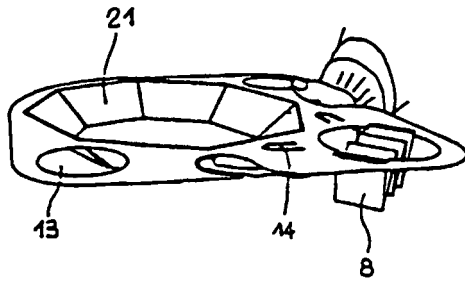


FIG. 11

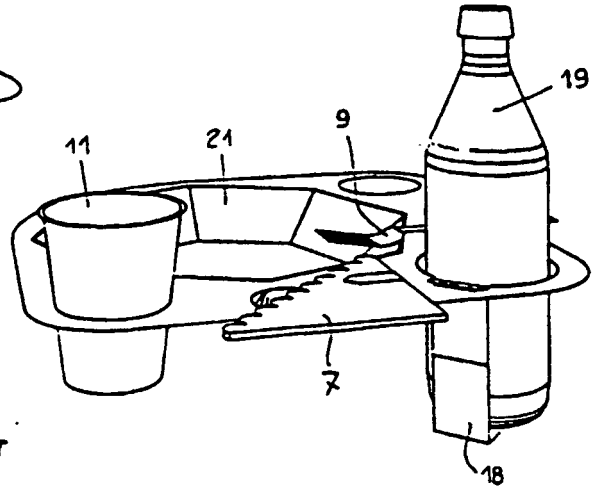


FIG. 12

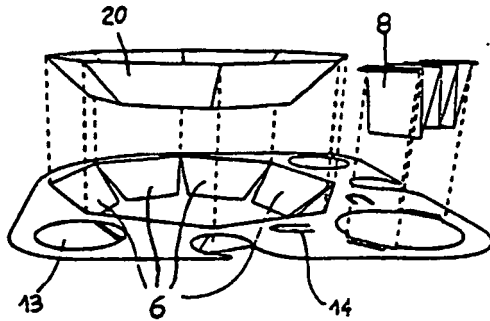


FIG. 13

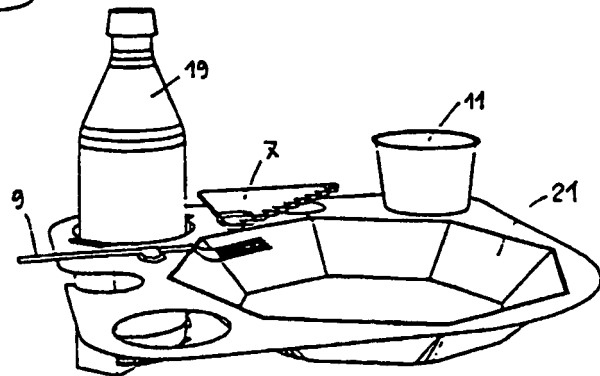


FIG. 14

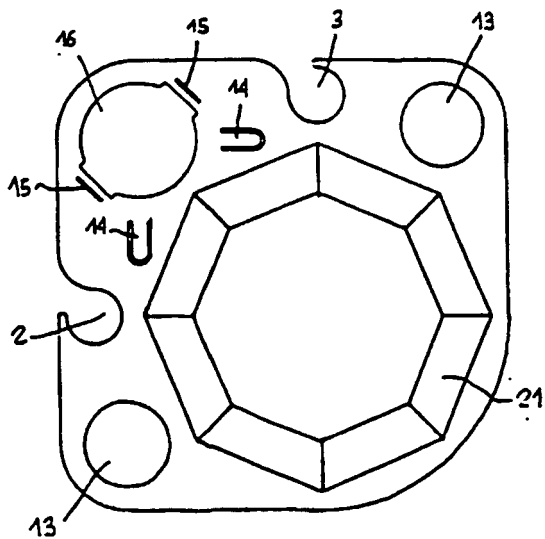


FIG. 15

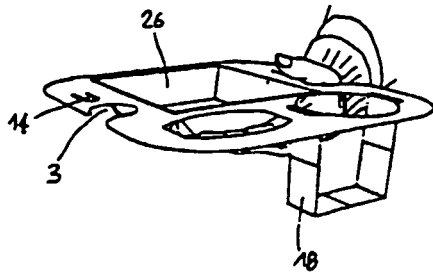


FIG. 16

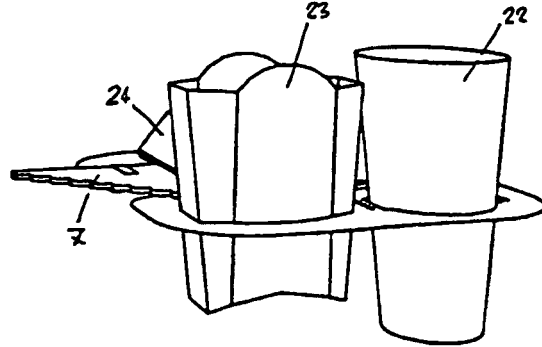


FIG. 17

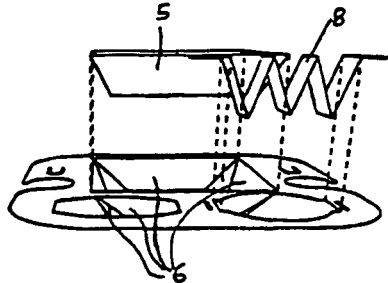


FIG. 18

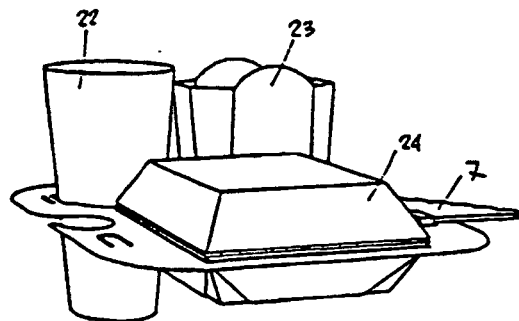


FIG. 19

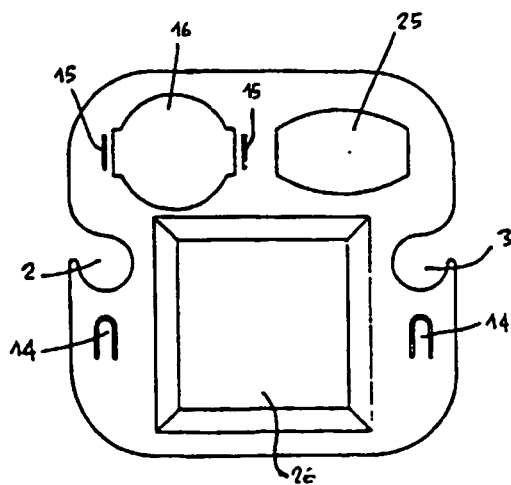


FIG.20

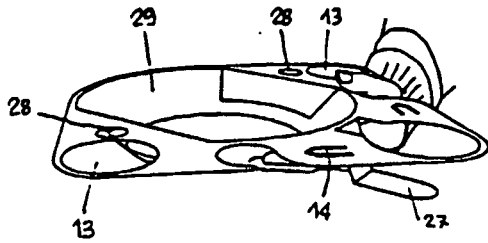


FIG.21

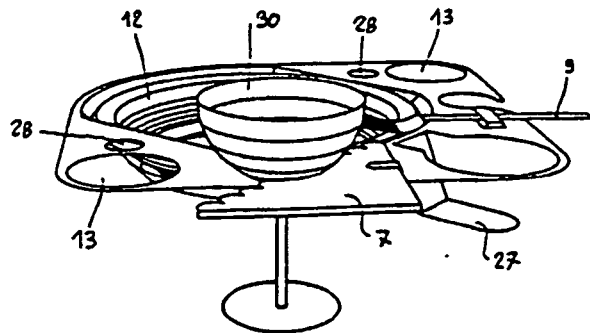


FIG.22

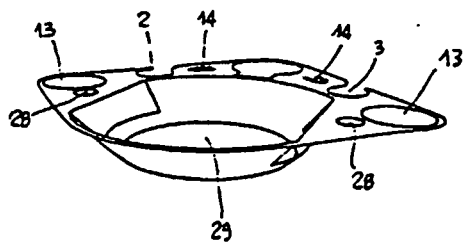


FIG.23

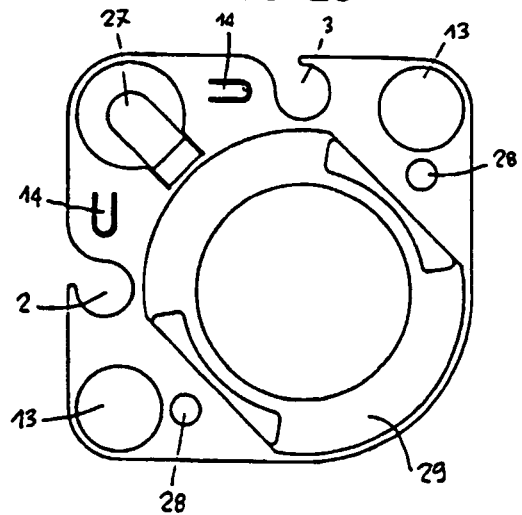


FIG. 24

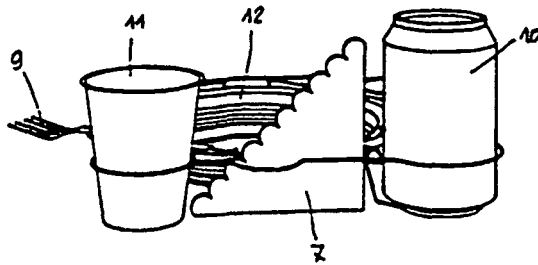


FIG. 25

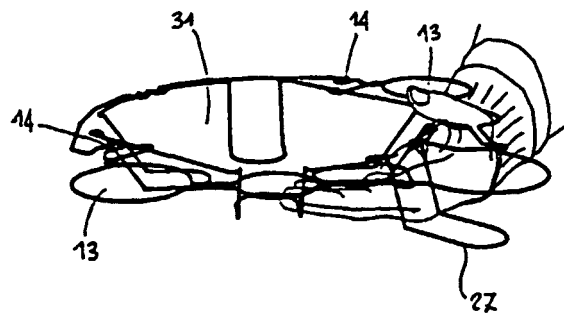


FIG. 26

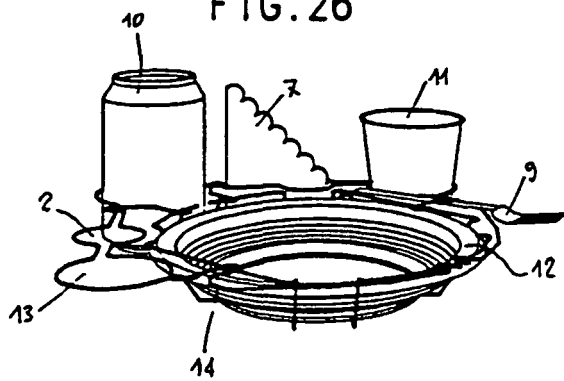


FIG. 27

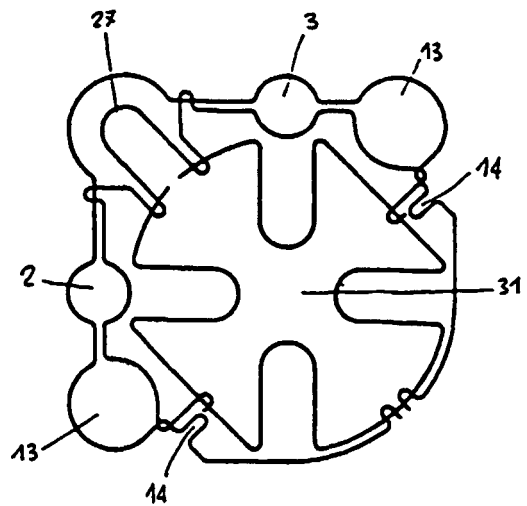


FIG.28

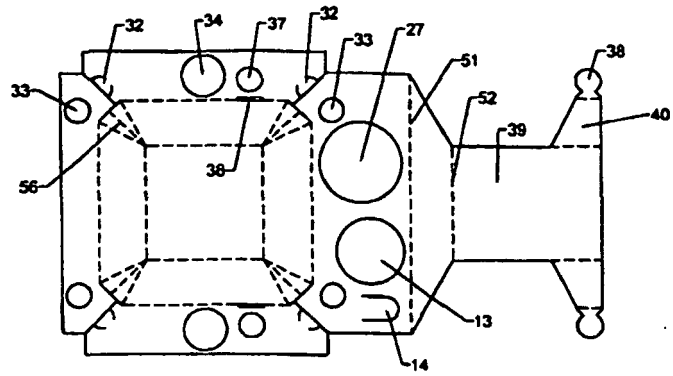


FIG.29

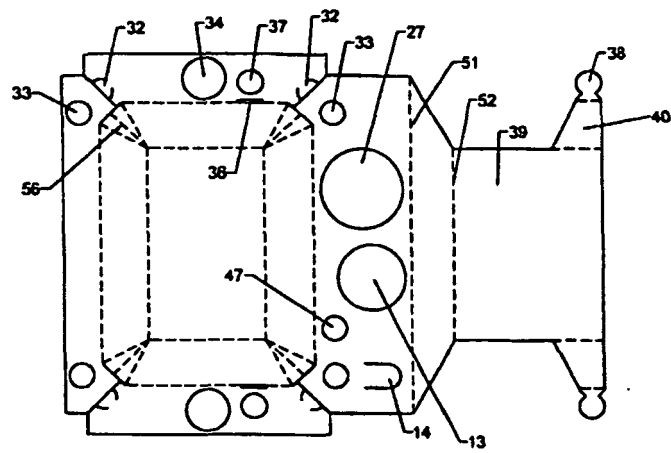


FIG.30

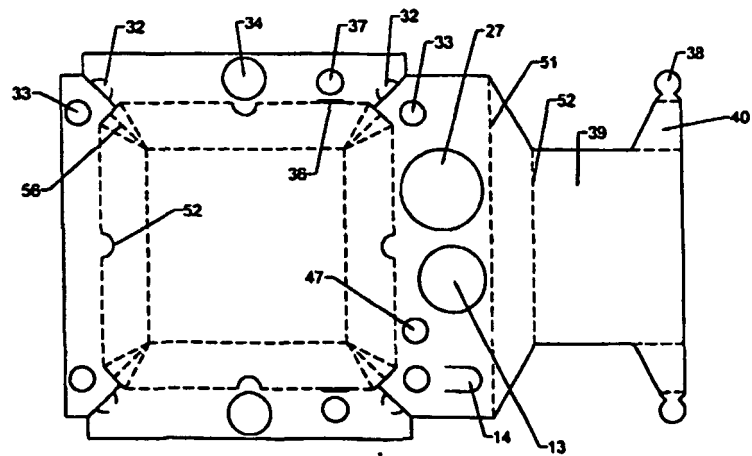


FIG:31

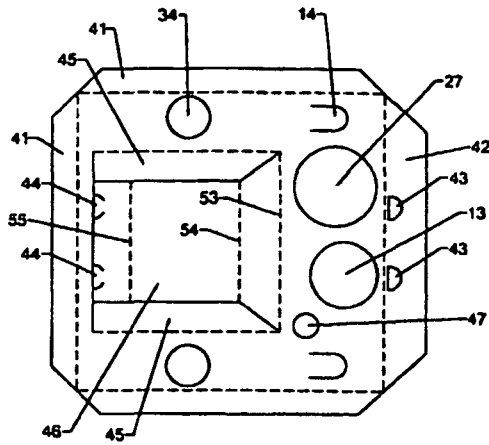


FIG:32

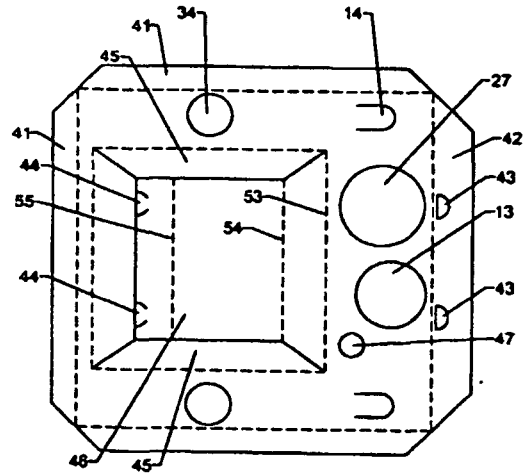


FIG:33

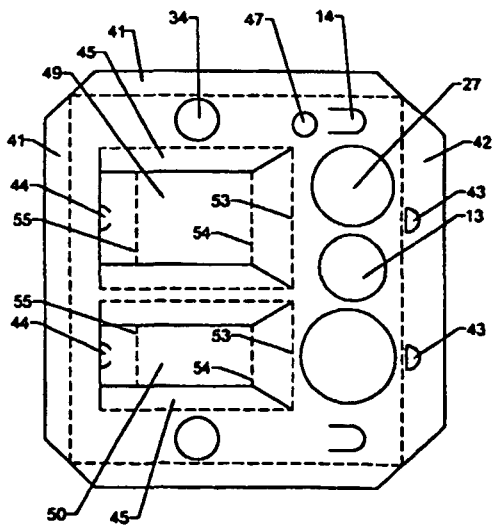


FIG:34

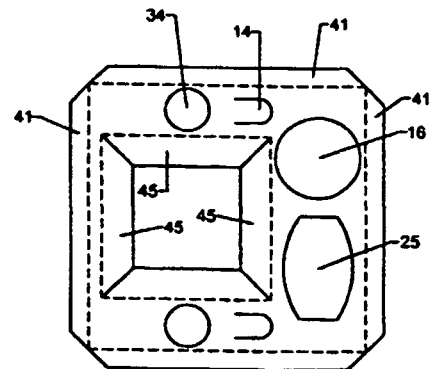


FIG:35

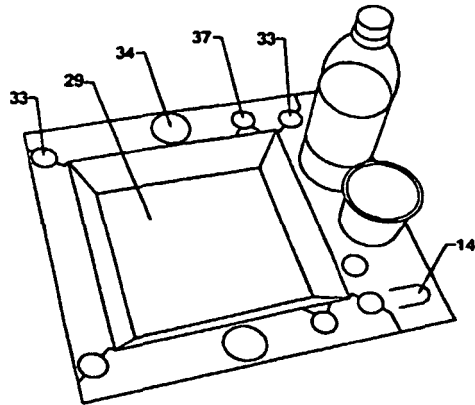


FIG:36

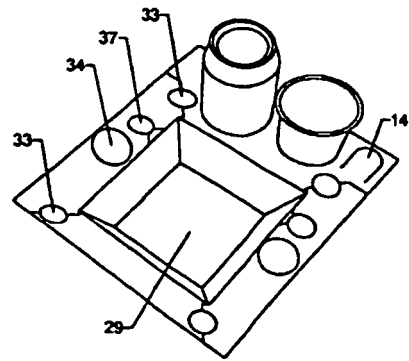


FIG:37

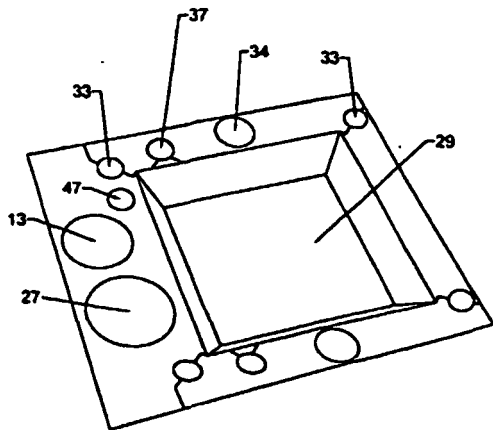


FIG:38

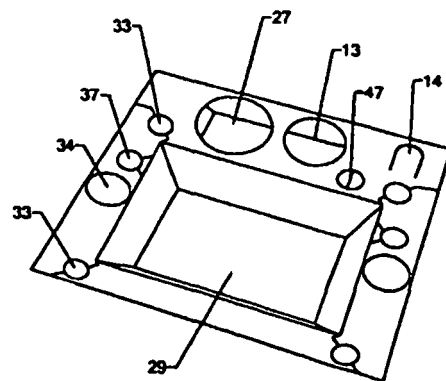


FIG:39

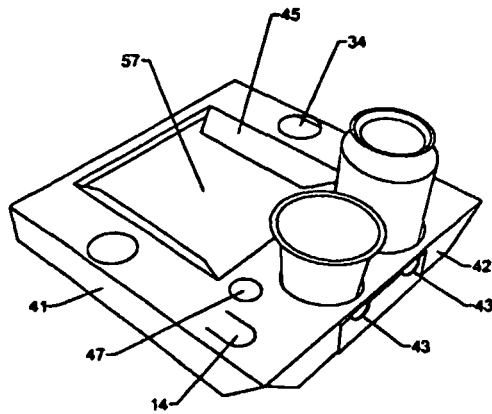


FIG:40

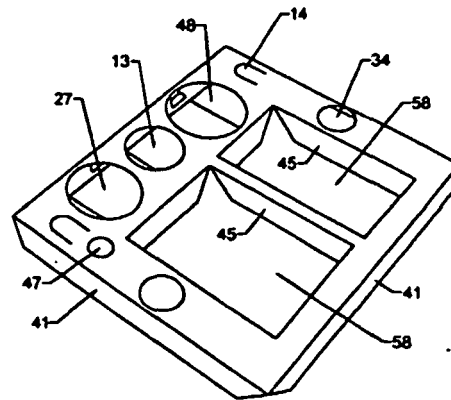


FIG:41

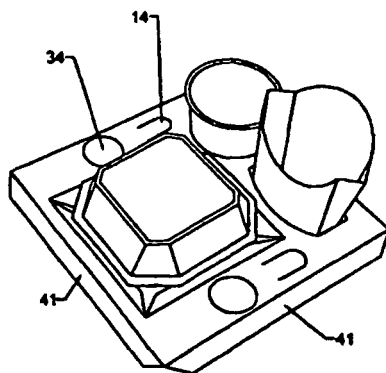


FIG:42

