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Description

BACKGROUND OF THE INVENTION

a) Field of the invention

The present invention is concerned with a bucket that children cannot put over their head, and more precisely with a bucket for use in putting away toy construction blocks.

b) Brief description of the related art

It is well known that children hurt themselves everyday even with simple objects. For example, a storage bucket can be dangerous when a child puts it over his head since it can get stuck on it. In order to reduce the danger, Interlego A.G. has developed and presently sells a bucket having a transversal central panel which reduces the opening of the bucket and thus prevents accidents. The drawback of this central panel is that it reduces considerably the storage space in the bucket.

SUMMARY OF THE INVENTION

The object of the present invention to provide a bucket which is simple to manufacture, which would be stackable, and which has a reduced opening so that children cannot put it over their head, while offering as much storage space as regular buckets.

According to the present invention, the above object is achieved with a bucket that children cannot put over their head. The bucket comprises:

- a bottom wall;
- side walls projecting upwardly from the bottom wall and forming an opening having circumscribing edges;
- a removable lid fitting in the circumscribing edges for closing the bucket; and
- a U-shaped handle.

The invention is characterized in that the U-shaped handle is non-pivoting and has opposite side legs slidably mounted onto the side walls and stopping means for reducing sliding of the handle between a first position where the U-shaped handle bears against the lid when the same is fitted in the circumscribing edges and a second position where the U-shaped handle extends away from the lid and thus makes it possible to remove the lid from the circumscribing edges, whereby the U-shaped handle both in first and second positions divides the opening into two smaller openings, thereby preventing children from putting the bucket over their head.

Preferably, the bucket further comprises blocking means for keeping still the U-shaped handle in the second position whereby easing removal of the lid.

Preferably also, when the bucket is for use in putting

away toy construction blocks, the removable lid may have toy blocks coupling elements projecting outwardly therefrom and the bucket is made of plastic material.

Preferably also, the bucket further comprises a transversal recess in the bottom wall, and the handle is sized and shaped to fit into the transversal recess of another identical stackable bucket superposed onto the bucket, whereby the buckets are stackable.

BRIEF DESCRIPTION OF THE DRAWINGS

in order to impart full understanding of the manner in which this object and others are attained in accordance with the present invention, preferred embodiments thereof will be described hereinafter with reference to the accompanying drawings wherein:

Figure 1 is a side elevation view of a bucket made according to the invention, with lid and handle removed;

Figure 2 is a partially cross section side elevation view of another side of the bucket of Figure 1;

Figure 3 is a top elevation view of the bucket of Figure 1, with lid and handle removed;

Figure 4 is a partially cross section side elevation view of a bucket according to the invention;

Figure 5 is another partially cross section side elevation view of the bucket of Figure 4;

Figure 6 is a side elevation view of the bucket of Figure 4, onto which is superposed another identical bucket;

Figure 7 is a side elevation view of buckets such as the one shown on Figure 1, stacked;

Figure 8 is a top elevation view of a lid fitted in the circumscribing edges with a U-shaped handle pressed against it, according to the present invention;

Figure 9 is a partially cross section side elevation view of a lid according to a first preferred embodiment of the present invention;

Figure 10 is a partially cross section side elevation view of a lid according to a second preferred embodiment of the present invention;

Figure 11 is a side elevation view of a disassembled U-shaped handle according to the present invention.

In the following description and the drawings, the same reference numerals will refer to the same structural elements.

DESCRIPTION OF PREFERRED EMBODIMENTS

Referring to Figure 4, there is shown a stackable bucket 1 according to the present invention. The stackable bucket 1 has a bottom wall 3, a set of side walls 5, a removable lid 7 and a U-shaped handle 9. The side walls 5 project upwardly from the bottom wall 3 and form

an opening 15 having circumscribing edges 16, as shown on Figures 1, 2 and 3. Each of the circumscribing edges 16 defines an inner flange 17 and an outer flange 19. As shown on Figures 1 to 7, the bottom wall 3, the side walls 5 and the inner and outer flanges 17 and 19 are tapered to lodge in other identical buckets, before the U-shaped handle is mounted.

Referring back to Figures 4 and 5, there is shown the removable lid 7. As shown, the removable lid 7 fits in the circumscribing edges 16, and more particularly in the inner flanges 17 defined by the circumscribing edges 16 which act as a support for the lid 7. For easing removal of the lid from the bucket, the lid 7 comprises a pair of opposing lips 23, shown on Figures 9 and 10 and each of the inner flanges 17 adjacent to the opposing lips 23 may further comprise two grasping recesses 21, and located so that the grasping recesses 21 are under the opposite lips 23. The opposite lips 23 and the grasping recesses 21 allow a user to insert his fingers between one opposite lip 23 and the grasping recess 21 underneath, to easily remove the lid 7 from the bucket.

When the bucket is used for putting away toy construction blocks, the removable lid 7 preferably has toy blocks coupling elements 25 that project outwardly therefrom and are shaped to receive small corresponding toy blocks (not shown). According to a first preferred embodiment of the invention, shown on Figures 8 and 10, the toy blocks coupling elements are small coupling elements, disposed in three strips 27. The exterior strips have four rows and twenty-four columns, and the middle strip has twelve rows and twenty four columns. According to a second preferred embodiment of the invention, shown on Figure 9, the toy block coupling elements are large coupling elements, disposed in three strips 27. The exterior strips have two rows and twelve columns and the middle strip has six rows and twelve columns. Whatever be the structure of the lid 7, the middle strip is progressively raised with respect to the exterior strips to avoid sharp edges, thus reducing danger for children.

In accordance with the invention, the bucket disclosed hereinabove is also provided with a non-pivoting U-shaped handle 9, shown on Figures 4, 5 and 11. The handle 9 has opposite side legs 31 slidably mounted onto opposite side walls 5, and more precisely in grooves 33 made through opposite outer flanges 19, shown on Figures 3 and 8. The grooves 33 are shaped to receive the legs 31 of the U-shaped handle 9.

The handle 9 also has stopping means 39 for limiting sliding of the handle 9 between a first position, shown on Figures 4 and 6, where the U-shaped handle 9 bears against the lid 7 when the same is fitted in the circumscribing edges 16, and a second position (not shown) where the U-shaped handle 9 extends away from the lid 7 and thus makes it possible to remove the lid 7 from the circumscribing edges 16. The first and second positions of the handle 9 are determined in such a manner that the handle 7 constantly divides the opening 15 into two smaller openings. The two smaller open-

ings are sized small enough so that a child cannot insert his head in the two smaller openings, thus prevents him from putting his head into the bucket where it could get stuck.

The stopping means 39 are shown on Figures 4, 6 and 11. It consists, for example, of a pair of hooks at the extremity of each leg 31 of the U-shaped handle 9. The hooks point externally and make the extremities of the U-shaped handle 9 larger than the grooves 33, thus stopping the sliding of the U-shaped handle 9 in the second position. For easing insertion of the U-shaped handle 9 with stopping means 39 in the grooves 33, the U-shaped handle 9 further comprises, on each extremity of the legs 31 a central slot 41. By pressing the sides of the extremity of one of the legs 31, the central slot 41 therein allows reduction of the width of the leg 31 and its insertion in the corresponding groove 33.

Referring now to Figure 11, which shows the handle 9 disassembled, it can be seen that once assembled, the handle 9 has a closed reversed half-elliptic cross section. It can also be seen that the handle has two ribs 35 downwardly projecting from the reversed half-elliptic cross section for fixing horizontally the handle 9 when the handle 9 is pressed against the lid 7. The two ribs are sized and shaped for tightly fitting between the toy blocks coupling elements 25 of the lid 7, thereby fixing horizontally the handle 9 when it is pressed against the lid 7.

The handle 9 further comprises blocking means 37 for keeping it still in the second position and easing removal of the lid 7. The blocking means 37 consists in at least one protruding button on each extremity of the legs 31 of the U-shaped handle 9. Thus, when the U-shaped handle 9 is slid in the grooves 33 and the protruding buttons exits the grooves 33, the U-shaped handle 9 is blocked in the second position, and a downward pressure is required to unblock it and let slide the handle 9 back in the first position. To allow greater stability of the U-shaped handle blocked in the second position, two protruding buttons are disposed on each extremity of the legs 31. Other dispositions could be used as well.

For easing storage of the assembled buckets, each bottom wall 3 may be provided with a transversal recess 11, which is preferably defined by a series of stiffening ribs 13 and extends in the same plane as the handle, even though such is not compulsory. Then, the handle 9 is sized and shaped to fit into the transversal recess 11 of another identical stackable bucket superposed onto it, thus allowing stacking of the assembled buckets. Of course, it is preferable that the handle 9 fits under another stackable bucket only when in first position, in order to offer as much storage space in the bucket.

Referring now to Figure 7, there is shown a pile of stacked buckets, before the U-shaped handle 9 is installed and the lid 7 is fitted. The tapered shape of the bottom wall 3, side walls 5 and circumscribing edges 16 allow storage space saving when storing the disassembled buckets. Once assembled, as shown on Figure 6,

the buckets 1 are stacked so that the U-shaped handle 9 of the underneath bucket 1 fits in the transversal recess 11 of the superposed bucket 1. Of course, the shape of the transversal recess 11, bottom wall 3, side walls 5, lid 7, circumscribing edges 16 and U-shaped handle 9 could be modified, but according to a preferred embodiment of the invention, the bottom wall 3 is shaped to receive lids 7 having either sizes of toy block coupling elements 25, described hereinbefore.

To reduce danger for children, the outer flanges 19 of the circumscribing edges are preferably made wide enough to cover the extremities of the legs 31 of the handle, in both first and second positions, and the U-shaped handle 9 had a closed reversed half-elliptic cross section with a central grasping portion 47.

Whatever be the embodiment, the bucket is preferably made of a plastic material. In a preferable manner, the plastic material is rigid enough so that the bucket and all its components support the weight of a child.

Although the present invention has been explained hereinabove by way of preferred embodiments thereof, it should be pointed out that any modifications to these preferred embodiments, within the scope of the appended claims, are not deemed to change or alter the nature and scope of the present invention.

Claims

1. A bucket (1) that children cannot put over their head, said bucket comprising:
 - a bottom wall (3);
 - side walls (5) projecting upwardly from said bottom wall and forming an opening (15) having circumscribing edges (16); and
 - a removable lid (7) fitting in said circumscribing edges for closing said bucket; and
 - a U-shaped handle (9);
 characterized in that said U-shaped handle (9) is non-pivoting and has opposite side legs (31) slidably mounted onto said side walls (5) and stopping means (39) for limiting sliding of the handle between a first position where said U-shaped handle bears against said lid (7) when the same is fitted in the circumscribing edges (16) and a second position where said U-shaped handle (9) extends away from said lid and thus makes it possible to remove said lid from the circumscribing edges, whereby said U-shaped handle (9) both in first and second positions divides said opening (15) into two smaller openings, each smaller than a child's head, so that children cannot put the bucket over their head.
2. The bucket of claim 1, characterized in that it further comprises blocking means (37) for keeping still the U-shaped handle (9) in the second position

whereby easing removal of the lid.

3. The bucket of claim 2, characterized in that the circumscribing edges (16) define inner flanges and outer flanges (17, 19), the inner flanges (19) acting as a support for the lid (7).
4. The bucket of claim 3, characterized in that the U-shaped handle (9) is slidably mounted in grooves (33) that are made through opposite outer flanges (17) and are shaped to receive the legs (31) of the U-shaped handle.
5. The bucket of claim 4, characterized in that:
 - the stopping means (39) consists in a pair of hooks at an extremity of each leg (31) of the U-shaped handle (9), pointing externally and making the extremities of the legs of the U-shaped handle larger than the grooves (33), thereby stopping the sliding of the U-shaped handle in the second position;
 - the U-shaped handle (9) further comprises, on each extremity of the legs (31), a central slot (41) for allowing insertion of the legs of the U-shaped handle in the grooves (33) by bringing closer sides of the slot; and
 - the blocking means (37) consists in at least one protruding button on each leg (31) of the U-shaped handle (9) whereby when the U-shaped handle is slid in the grooves (33) and the protruding button exits the grooves, the U-shaped handle (9) is blocked in the second position and a downward pressure is required to unblock it.
6. The bucket of claim 5, characterized in that for easing removal of the lid (7) from the bucket (1):
 - the lid further comprises a pair of opposite lips (23); and
 - each of the inner flanges (19) adjacent to one of the opposite lips is shaped to define a grasping recess (21),
 - whereby, in use, one can insert his or her fingers between one of the lips (23) and the adjacent grasping recess (21) for removing the lid from the bucket.
7. The bucket of any one of claims 1 to 6, characterized in that it further comprises a transversal recess (11) in said bottom wall (3), and said handle (9) is sized and shaped to fit into the transversal recess of another identical stackable bucket superposed onto said bucket, whereby said buckets are stackable.
8. The bucket of claim 7, characterized in that the bottom wall (3) has a series of stiffening ribs (13) defin-

ing the transversal recess (11).

9. The bucket of claim 8, characterized in that the transversal recess (11) and the handle (9) extends in a same plane.

10. The bucket of any one of claims 1 to 9, characterized in that the bottom wall (3), the side walls (5) and the circumscribing edges (16) are tapered to lodge in another identical underneath bucket before the U-shaped handles (9) are mounted.

11. The bucket of any one of claims 1 to 10 for use in putting away toy construction blocks, characterized in that:

- the removable lid (9) has toy blocks coupling elements (25) projecting outwardly therefrom; and
- the bucket (1) is made of plastic material.

12. The bucket of claim 11, wherein the U-shaped handle (9) has a closed reversed half-elliptic cross-section with two ribs (35) downwardly projecting therefrom, the ribs (35) being sized and shaped for fitting between the toy blocks coupling elements (25) of the lid (7) thereby fixing horizontally said handle (9) when it is pressed against the lid.

Patentansprüche

1. Eimer (1), den Kinder nicht über ihren Kopf stülpen können, wobei der Kübel aufweist:

eine Bodenwand (3);
 Seitenwände (5), die von der Bodenwand emporragen und eine Öffnung (15) mit begrenzenden Kanten (16) bilden; und
 einen abnehmbaren Deckel (7), der in die begrenzenden Kanten paßt, um den Eimer zu schließen; und
 einen U-förmigen Griff (9);
 dadurch gekennzeichnet, daß der U-förmige Griff (9) nicht dreh- bzw. schwenkbar ist und an gegenüberliegenden Seiten Schenkel (31), die gleitend bzw. verschiebbar an den Seitenwänden (5) angebracht sind, und ein Anschlagmittel (39) zum Begrenzen der Verschiebung des Griffs zwischen einer ersten Stellung aufweist, in der der U-förmige Griff gegen den Deckel (7) drückt, wenn dieser in die begrenzenden Kanten (16) eingesetzt wird, und einer zweiten Stellung, in der der U-förmige Griff (9) von dem Deckel absteht und es so möglich ist, den Deckel von den begrenzenden Kanten abzunehmen, wobei der U-förmige Griff (9) sowohl in der ersten als auch in der zweiten Stellung die Öffnung (15) in zwei kleinere Öffnungen teilt,

die jede kleiner als ein Kinderkopf ist, so daß Kinder den Kübel nicht über ihren Kopf stülpen können.

2. Eimer nach Anspruch 1, dadurch gekennzeichnet, daß er ferner ein Sperrmittel (37) aufweist, um den U-förmigen Griff (9) unbeweglich in der zweiten Stellung zu halten, wodurch das Abnehmen des Deckels erleichtert wird.

3. Eimer nach Anspruch 2, dadurch gekennzeichnet, daß die begrenzenden Kanten (16) innere und äußere Flansche (17, 19) aufweisen, wobei die inneren Flansche (19) als Anlage für den Deckel (7) dienen.

4. Eimer nach Anspruch 3, dadurch gekennzeichnet, daß der U-förmige Griff (9) gleitend oder verschiebbar in Nuten (33) angeordnet ist, welche durch gegenüberliegende äußere Flansche (17) gebildet und zur Aufnahme der Schenkel (31) des U-förmigen Griffs ausgebildet sind.

5. Eimer nach Anspruch 4, dadurch gekennzeichnet, daß

das Anschlagmittel (39) ein Hakenpaar an einem äußeren Ende jedes Schenkels (31) des U-förmigen Griffs (9) aufweist, die nach außen weisen und die äußeren Enden der Schenkel des U-förmigen Griffs größer als die Nuten (33) machen, wodurch das Gleiten / Verschieben des U-förmigen Griffs in der zweiten Stellung gestoppt wird;
 der U-förmige Griff (9) weiterhin an jedem äußeren Ende der Schenkel (31) einen mittigen Schlitz (41) aufweist, um das Einführen der Schenkel des U-förmigen Griffs in die Nuten (33) dadurch zu ermöglichen, daß sich die Seiten des Schlitzes einander annähern; und
 das Sperrmittel (37) zumindest einen hervorstehenden Knopf auf jedem Schenkel (31) des U-förmigen Griffs (9) aufweist, wobei, wenn der U-förmige Griff in den Nuten (33) verschoben wird und der abstehende Knopf aus den Nuten heraustritt, der U-förmige Griff (9) in der zweiten Stellung gesperrt wird und ein abwärts gerichteter Druck erforderlich ist, um ihn zu lösen.

6. Eimer nach Anspruch 5, dadurch gekennzeichnet, daß zum Vereinfachen des Abnehmens des Deckels (7) von dem Eimer (1)

der Deckel weiterhin ein gegenüberliegendes Lippenpaar (23) aufweist; und
 jeder der inneren Flansche (19), der einer der gegenüberliegenden Lippen benachbart ist, ist

in Form einer eingreifbaren Ausnehmung (21) ausgebildet,

wodurch jemand bei Gebrauch seine oder ihre Finger zwischen eine der Lippen (23) und der benachbarten eingreifbaren Ausnehmung (21) hineinstecken kann, um den Deckel von dem Eimer abzunehmen.

7. Eimer nach einem der Ansprüche 1 bis 6, dadurch gekennzeichnet, daß er weiterhin eine querlaufende Ausnehmung (11) in der Bodenwand (3) umfaßt, und wobei der Griff (9) in Größe und Form derart ausgebildet ist, daß er in die querliegende Ausnehmung eines anderen identischen stapelbaren Eimers, der auf den Eimer aufgesetzt worden, hineinpaßt, wodurch die Eimer stapelbar sind
8. Eimer nach Anspruch 7, dadurch gekennzeichnet, daß die Bodenwand (3) eine Reihe von versteifenden Rippen (13) aufweist, welche die querliegende Ausnehmung (11) definieren.
9. Eimer nach Anspruch 8, dadurch gekennzeichnet, daß sich die querlaufende Ausnehmung (11) und der Griff (9) in derselben Ebene erstrecken.
10. Eimer nach einem der Ansprüche 1 bis 9, dadurch gekennzeichnet, daß die Bodenwand (3), die Seitenwände (5) und die begrenzenden Kanten (16) verjüngt sind, um in einem weiteren identischen darunterliegenden Eimer Platz zu finden, bevor die U-förmigen Griffe (9) angebracht werden.
11. Eimer nach einem der Ansprüche 1 bis 10 zur Verwendung für das Wegräumen von Spielzeugbausteinen, dadurch gekennzeichnet, daß
 - der abnehmbare Deckel (9) Spielzeugsteinankupplungsbauteile (25) aufweist, die davon nach außen hervorstehen; und
 - der Eimer (1) aus Kunststoffmaterial gefertigt ist.
12. Eimer nach Anspruch 11, wobei der U-förmige Griff (9) einen geschlossenen, umgedreht-halbelliptischen Querschnitt mit zwei Rippen (35), die davon nach unten herausragen, aufweist, wobei die Rippen (35) in Größe und Form derart ausgebildet sind, daß sie zwischen die Spielsteinankupplungsbauteile (25) von dem Deckel (7) passen wodurch der Griff (9) waagrecht festgehalten wird, wenn er gegen den Deckel gedrückt wird.

Revendications

1. Seau (1) que les enfants ne peuvent pas mettre sur leur tête, ce seau comprenant :

une paroi formant fond (3) ;

des parois latérales (5) s'étendant vers le haut à partir de la paroi formant fond et formant une ouverture (15) présentant des bords circonscrits (16) ; et

un couvercle amovible (7) s'adaptant dans ces bords circonscrits pour fermer le seau ; et une poignée (9) en forme de U ;

caractérisé en ce que la poignée (9) en forme de U est non-pivotante et comporte des pattes latérales opposées (31) montées coulissantes sur les parois latérales (5) et des moyens d'arrêt (39) destinés à limiter le passage de la poignée entre une première position, dans laquelle la poignée en forme de U appuie sur le couvercle (7) lorsque celui-ci est inséré dans les bords circonscrits (16) et une seconde position, dans laquelle cette poignée (9) en forme de U s'écarte du couvercle et permet ainsi de retirer le couvercle des bords circonscrits, la poignée (9) en forme de U divisant ainsi, tant dans la première position que dans la deuxième, l'ouverture (15) en deux ouvertures réduites, chacune plus petite que la tête d'un enfant, ce qui fait que les enfants ne peuvent pas mettre le seau sur leur tête.

2. Seau selon la revendication 1, caractérisé en ce qu'il comprend, en outre, des moyens de blocage (37) destinés à maintenir la poignée (9) en forme de U dans la deuxième position, facilitant ainsi le retrait du couvercle.
3. Seau selon la revendication 2, caractérisé en ce que les bords circonscrits (16) définissent des brides intérieures et des brides extérieures (17, 19), les brides intérieures (19) agissant comme support pour le couvercle (7).
4. Seau selon la revendication 3, caractérisé en ce que la poignée (9) en forme de U est montée coulissante dans des rainures (33) qui sont ménagées dans les brides extérieures (17) opposées et dont la forme est conçue pour qu'elles reçoivent les pattes (31) de la poignée en forme de U.
5. Seau selon la revendication 4, caractérisé en ce que :

les moyens d'arrêt (39) sont constitués par une paire de crochets, à une extrémité de chaque patte (31) de la poignée (9) en forme de U, pointant vers l'extérieur, et rendant les extrémités des pattes de la poignée en forme de U plus grosses que les rainures (33), empêchant ainsi le passage de la poignée en forme de U dans la deuxième position ; la poignée (9) en forme de U comprend, en

outre, sur chaque extrémité des pattes (31), une fente centrale (41) pour permettre l'insertion des pattes de la poignée en forme de U dans les rainures (33) en rapprochant les côtés de la fente ; et

les moyens d'arrêt (37) sont constitués d'au moins un bouton en saillie, sur chaque patte (31) de la poignée (9) en forme de U, ce qui fait que, lorsque la poignée en forme de U est glissée dans les rainures (33) et que le bouton en saillie sort des rainures, la poignée (9) en forme de U est bloquée dans la deuxième position et une pression exercée vers le bas est nécessaire pour la débloquent.

6. Seau selon la revendication 5, caractérisé en ce que, pour faciliter le retrait du couvercle (7) hors du seau (1) :

le couvercle comprend, en outre, une paire de lèvres opposées (23) ; et chacune des brides intérieures (19) adjacentes à l'une des lèvres opposées présente une forme conçue pour définir un évidement de préhension (21), sachant qu'il est possible, en cours d'utilisation, d'insérer ses doigts entre l'une des lèvres (23) et l'évidement de préhension (21) adjacent afin de retirer le couvercle du seau.

7. Seau selon l'une quelconque des revendications 1 à 6, caractérisé en ce qu'il comprend, en outre, un évidement transversal (11) dans la paroi formant fond (3), et ce que la taille et la forme de la poignée (9) sont conçues pour qu'elle s'adapte dans l'évidement transversal d'un autre seau empilable identique placé sur le seau, ce qui fait que les seaux sont empilables.

8. Seau selon la revendication 7, caractérisé en ce que la paroi formant fond (3) présente une série de nervures de raidissement (13) définissant l'évidement transversal (11).

9. Seau selon la revendication 8, caractérisé en ce que l'évidement transversal (11) et la poignée (9) s'étendent dans un même plan.

10. Seau selon l'une quelconque des revendications 1 à 9, caractérisé en ce que la paroi formant fond (3), les parois latérales (5) et les bords circonscrits (16) sont coniques afin de venir se loger dans un autre seau identique placé dessous, avant que les poignées (9) en forme de U ne soient montées.

11. Seau selon l'une quelconque des revendications 1 à 10, destiné à être utilisé pour ranger des cubes d'un jeu de construction, caractérisé en ce que :

le couvercle amovible (9) comporte des éléments (25) de couplage de cubes dépassant vers l'extérieur, à partir de celui-ci ; et

le seau (1) est constitué en matière plastique.

12. Seau selon la revendication 11, dans lequel la poignée (9) en forme de U présente une section transversale semi-elliptique renversée fermée avec deux nervures (35) dépassant en direction du bas, la taille et la forme des nervures (35) étant conçues pour qu'elles s'insèrent entre les éléments (25) de couplage de cubes du couvercle (7), fixant ainsi la poignée (9) dans une position horizontale lorsqu'elle est appuyée contre le couvercle.

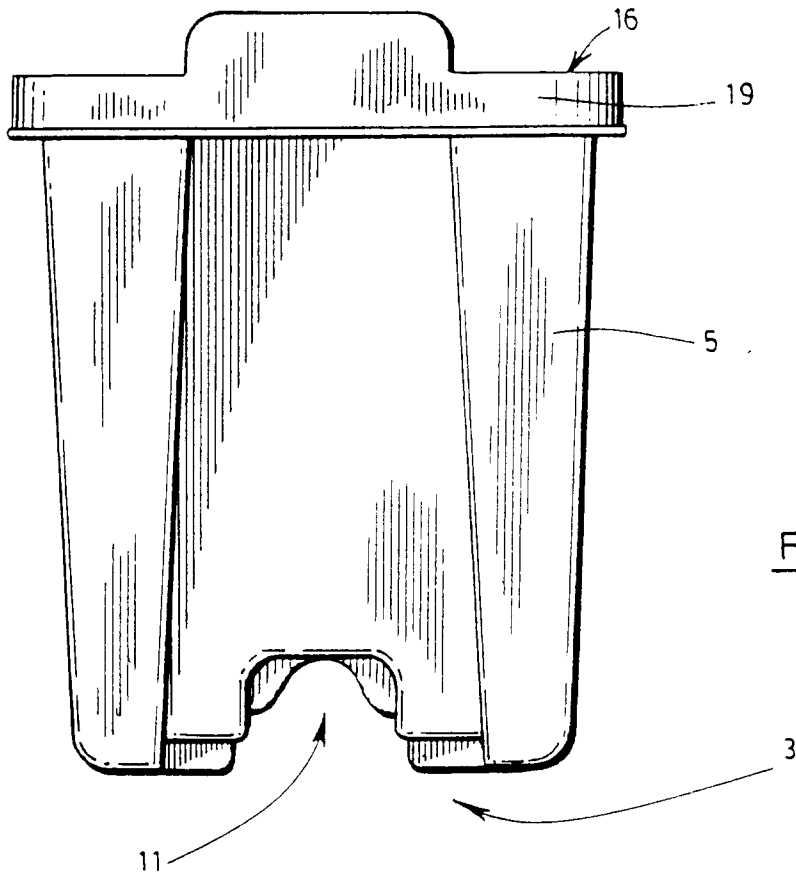


FIG. 1

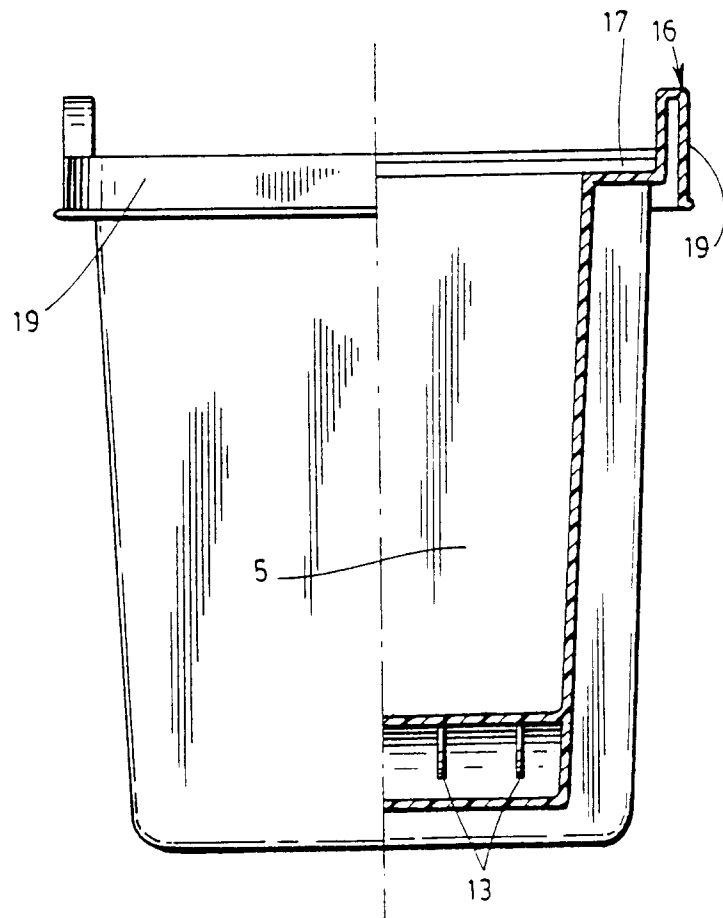
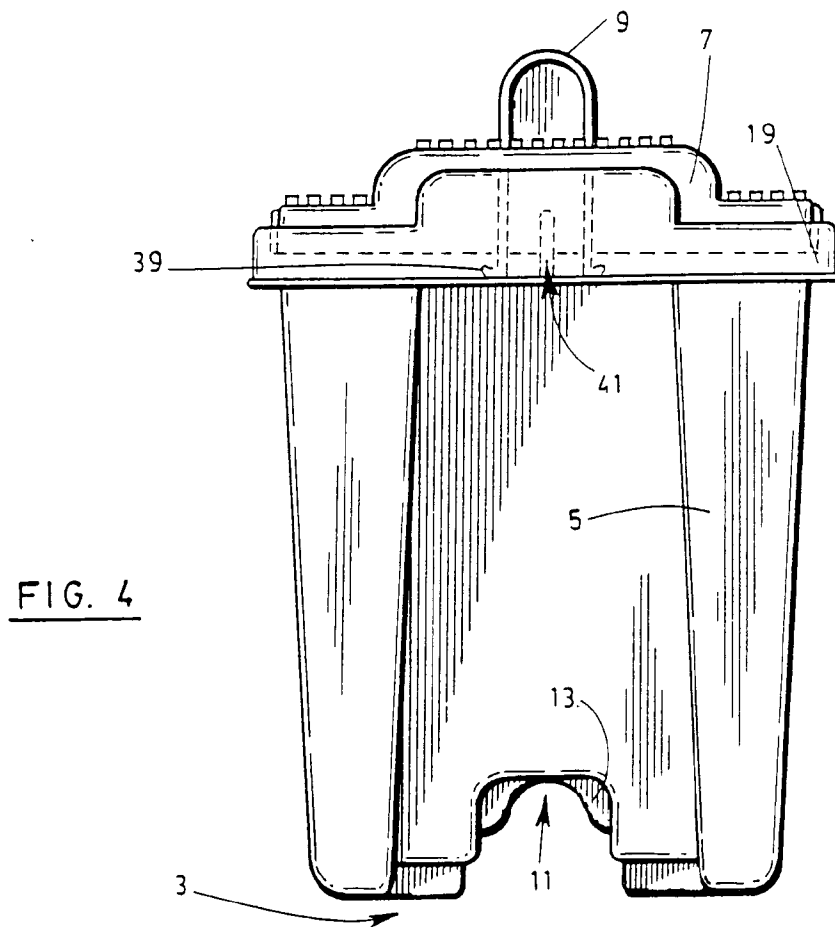
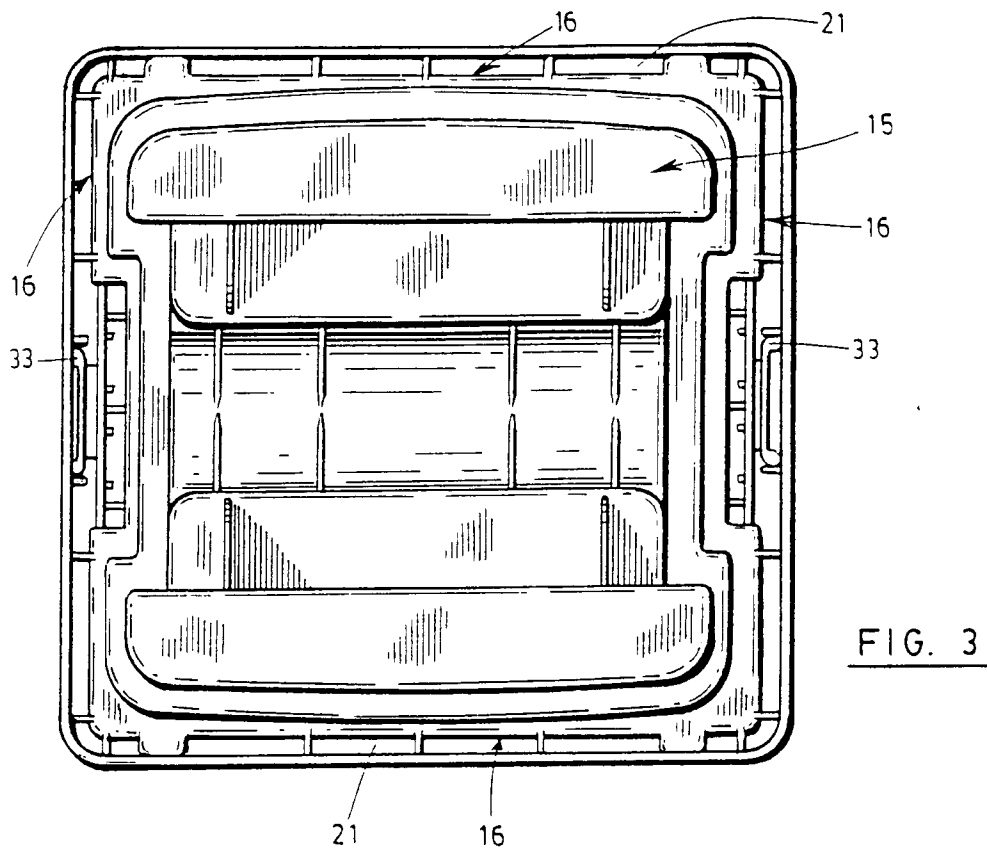


FIG. 2



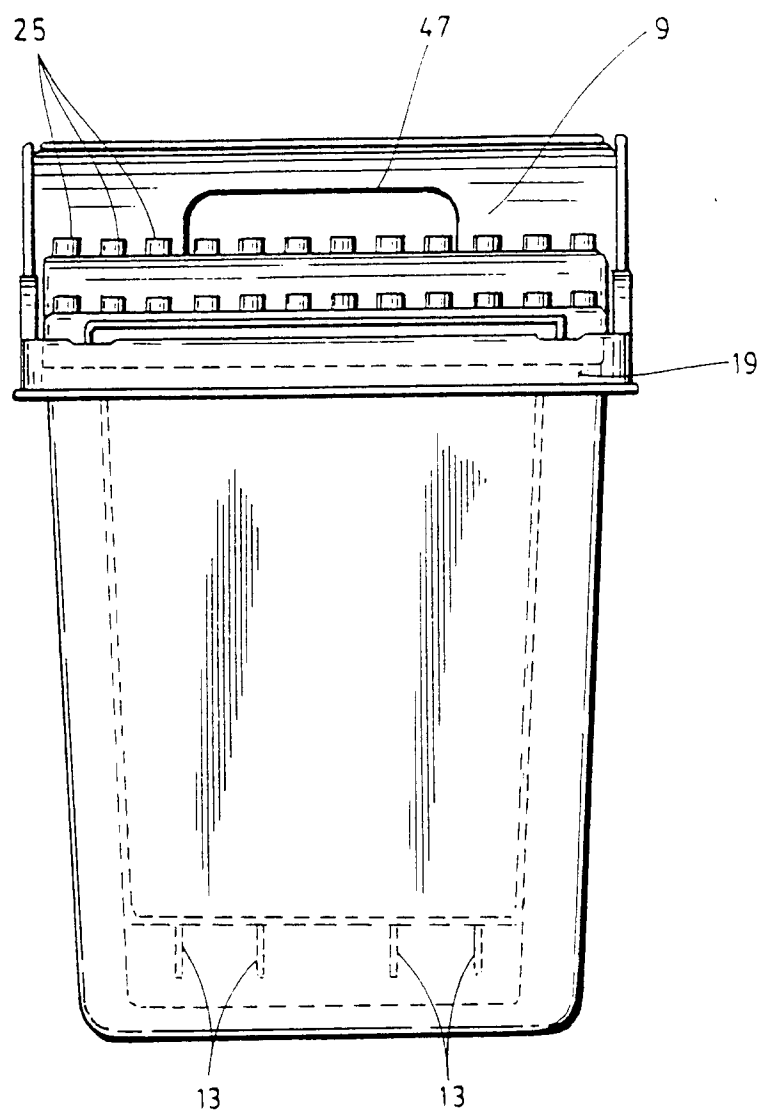


FIG. 5

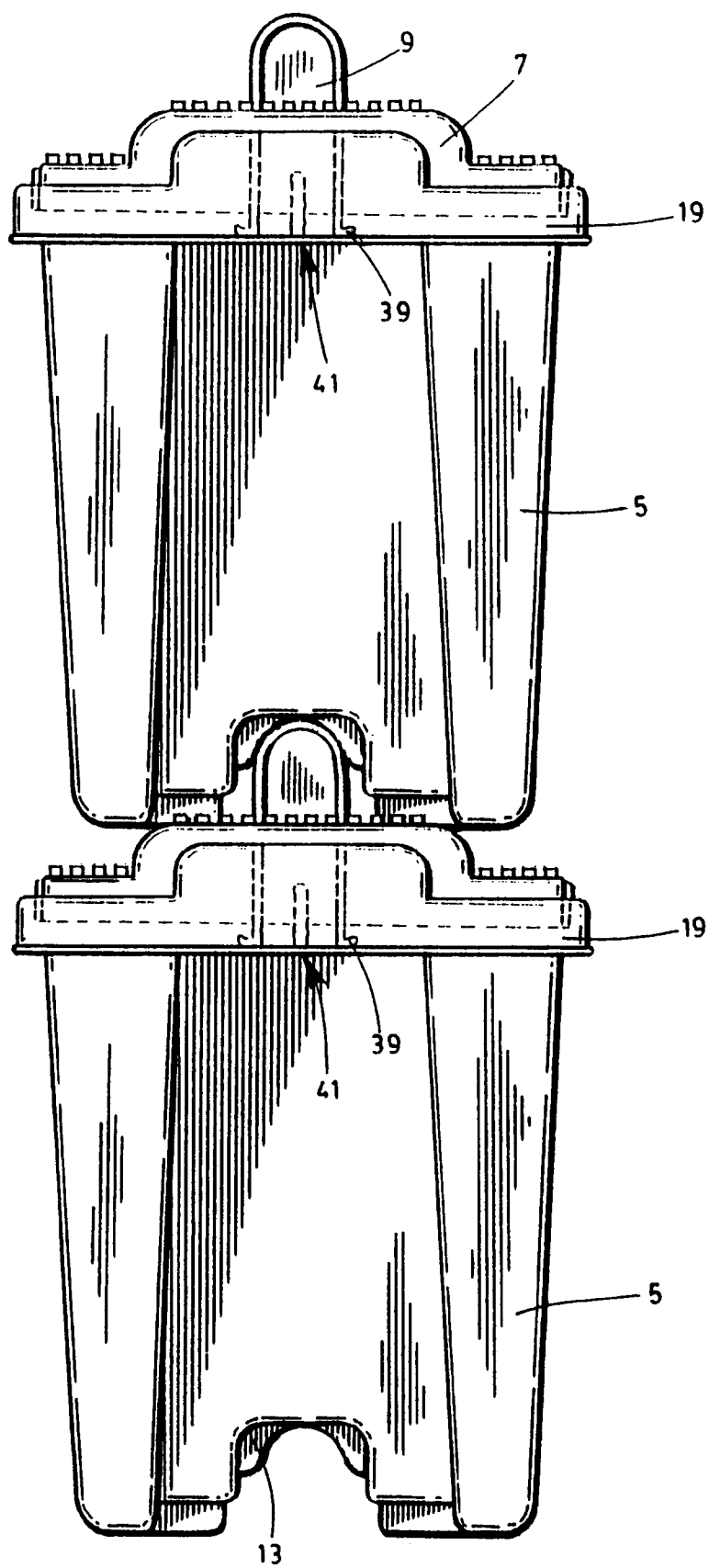


FIG. 6

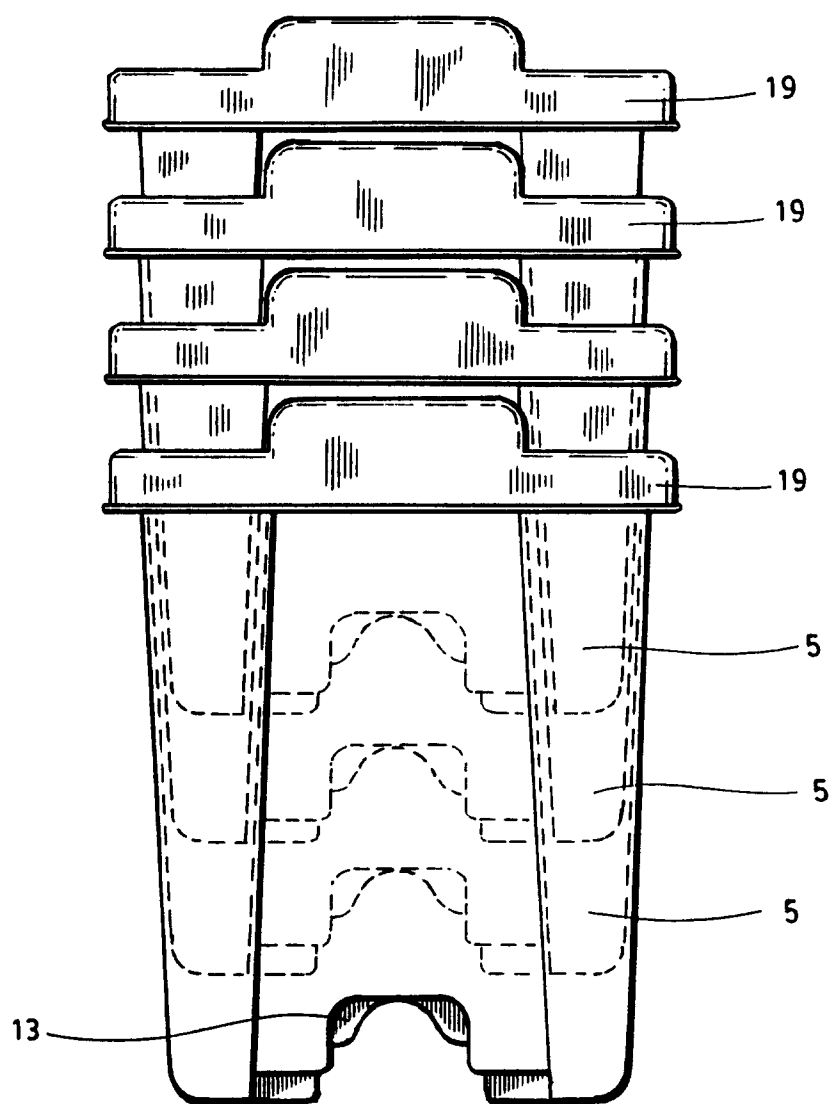


FIG. 7

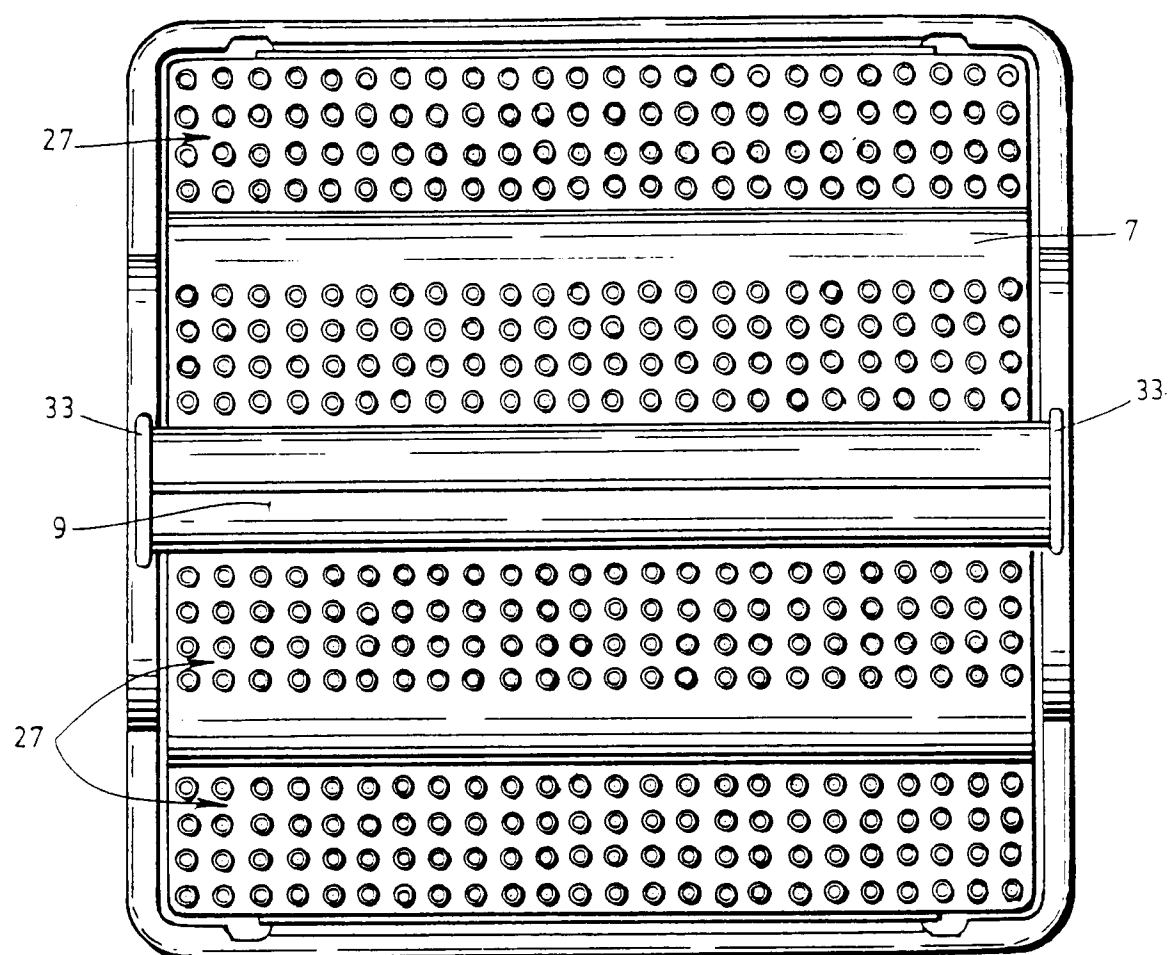


FIG. 8

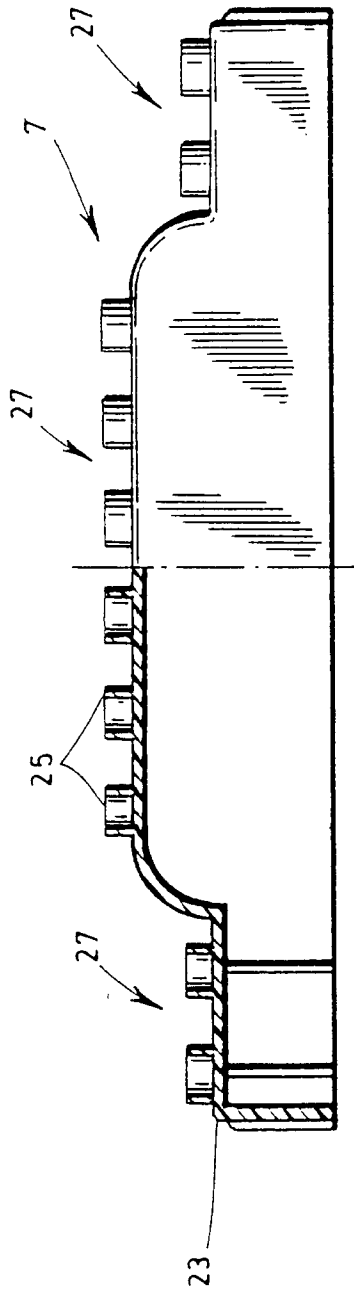


FIG. 9

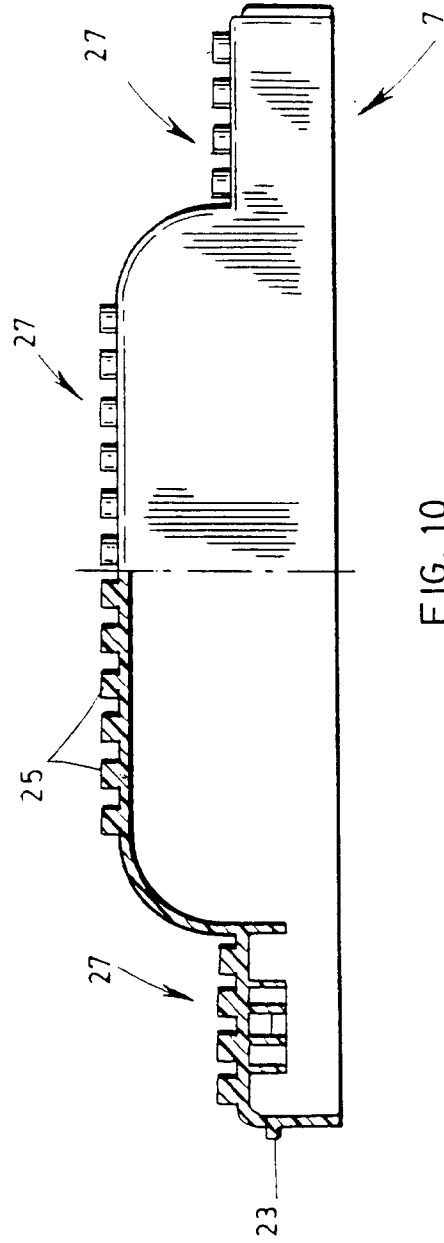


FIG. 10

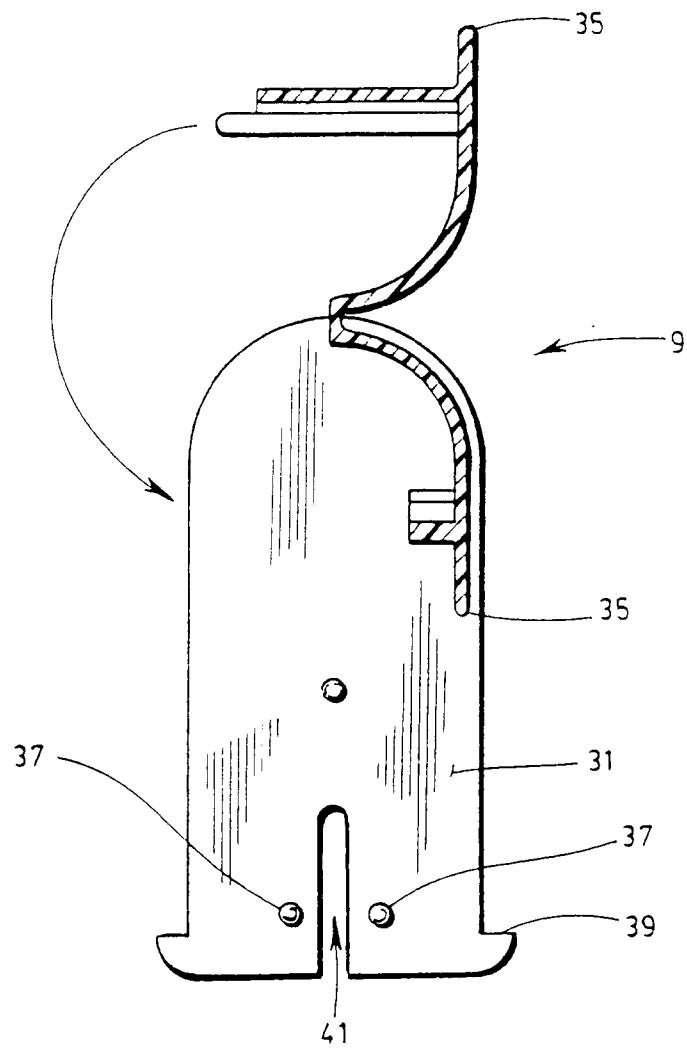


FIG. 11