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(54) **Airbag for wine bottles**

Luftpolster für Weinflaschen

Protection gonflable pour des bouteilles de vin

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Description**FIELD OF THE INVENTION**

[0001] The present invention relates to wine bottle bags, and in particular to a combinable airbag used for wine bottles wherein the bag body is inflatable so that the wine bottle therein is well protected.

Background of the invention

[0002] Currently, wine consumption is increased greatly and thus people often need to carry wine bottles as they buy the wines.

[0003] In the prior art, the packaging of wine bottles are not well protected. For example, in many cases, the wine bottle packages are made of paper which easily break. Thus it is very easy that the wine bottle breaks due to collision. However for expensive wine, it is a great loss and is unendurable for the buyers. Some improvement packages are developed, but they are not suitable for receiving a plurality of wine bottles. Thereby there is a demand for a novel design which can improve the defect in the prior art.

[0004] DE 7230187 U discloses an inflatable airbag for bottles.

SUMMARY OF THE INVENTION

[0005] Accordingly, the primary object of the present invention is to provide a combinable airbag used for wine bottles wherein air can be inflated in to the bag body so that the wine bottle therein can be well protected. The periphery of the bag body is installed with a connecting portion and a plurality of bag bodies can be connected one by one.

[0006] To achieve above objects, the present invention provides a combinable airbag used for wine bottles which comprises a bag body; the bag body having an air inflation hole; the bag body being made of inflatable material; a receiving portion formed at a central portion of the bag body; at least one end of the receiving portion having an opening which has a size slightly smaller than a greatest diameter of a wine bottle; wherein since the bag body is inflatable, a wine bottle can be received thereinto; when the wine bottle is placed therein; air can be inflated into the bag body so that the bag body 1 tightly receives the wine bottle; and a connecting portion installed at a periphery of the bag body. The connecting portion is at least one button or at least one fastener tape. An outer periphery of the bag body is coated with a sun block coating. The sealing sheet is installed on the opening for sealing the opening so as to protect the wine bottle therein.

[0007] The various objects and advantages of the present invention will be more readily understood from the following detailed description when read in conjunction with the appended drawing.

BRIEF DESCRIPTION OF THE DRAWINGS**[0008]**

Fig. 1 is a schematic view of the present invention. Fig. 2 is a schematic view along line A-A of Fig. 1. Fig. 3 is a schematic view of the present invention, where a plurality of bag bodies are assembled. Fig. 4 is a cross sectional view along line B-B of Fig. 3. Fig. 5 is a schematic perspective view showing that the bag body receives with two wine bottles. Fig. 6 is a schematic perspective view showing that the bag body receives with three wine bottles. Fig. 7 is an assembled schematic view showing that the bag body of the present invention receives with three wine bottles.

DETAILED DESCRIPTION OF THE INVENTION

[0009] In order that those skilled in the art can further understand the present invention, a description will be described in the following in details. However, these descriptions and the appended drawings are only used to cause those skilled in the art to understand the objects, features, and characteristics of the present invention, but not to be used to confine the scope and spirit of the present invention defined in the appended claims.

[0010] Referring to Figs. 1 and 2, the combinable airbag used for wine bottles of the present invention is illustrated. The present invention has the following elements.

[0011] A rectangular bag body 1 is made of plastic material and thus has plasticity. The bag body 1 has an air inflation hole 2.

[0012] A receiving portion 3 is formed at a central portion of the bag body 1. At least one end of the receiving portion 3 has an opening which has a size slightly smaller than a greatest diameter of a wine bottle. Since the bag body 1 has plasticity, a wine bottle can be received thereinto. When the wine bottle is placed therein, air can be inflated into the bag body 1 so that the bag body 1 tightly receives the wine bottle. Since air is inflated in the bag body 1, the wine bottle is well protected without damage due to collision.

[0013] A connecting portion 4 is installed at a periphery of the bag body 1. The connecting portion 4 is at least one button or a strong fastener tape. As shown in Figs. 3 and 4, four bag bodies 1 are assembled by the connecting portions 4. The four outer surfaces of each bag body 1 can be used to be connected to another bag body 1.

[0014] Referring to Figs. 5, 6 and 7, it is illustrated that each bag body 1 may have two or three receiving portions 3.

[0015] Moreover the present invention can be used by single buyers or sellers. The trademark or advertise characters can be printed on the bag body.

[0016] Furthermore, in transferring, a sealing sheet

can be installed on the opening for sealing the opening so as to protect the wine bottle therein.

[0017] Moreover in the present invention, an outer periphery of the bag body can be coated with a sun block coating.

[0018] The present invention is thus described, it will be obvious that the same may be varied in many ways. Such variations are not to be regarded as a departure from the spirit and scope of the present invention, and all such modifications as would be obvious to one skilled in the art are intended to be included within the scope of the following claims.

Claims

1. A combinable airbag used for wine bottles comprising:

a bag body (1), the bag body (1) having an air inflation hole (2) and being made of inflatable material having plasticity; and

a receiving portion (3) formed at a central portion of the bag body (1), at least one end of the receiving portion (3) having an opening which has a size slightly smaller than a greatest diameter of a wine bottle, wherein a wine bottle can be received in the bag body (1) due to the plasticity of the inflatable material of the bag body (1), and wherein, when a wine bottle is placed in the bag body (1), air can be inflated into the bag body (1) so that the bag body (1) tightly receives the wine bottle;

characterized by:

the bag body (1) being an elongate rectangular parallelepiped;

the receiving portion (3) being a central longitudinally extending cylindrical through-opening in the bag body (1); and

a connecting portion (4) being installed at the four longitudinal outer sides of the bag body (1), allowing corresponding connection to an adjacent wine-bottle-used combinable airbag.

2. The combinable airbag as claimed in claim 1, wherein the receiving portion (3) comprises a plurality of receiving sub-portions capable of receiving a plurality of wine bottles, wherein each receiving sub-portion is capable of receiving one wine bottle.
3. The combinable airbag as claimed in claim 1, wherein the connecting portion (4) is at least one button.
4. The combinable airbag as claimed in claim 1, wherein the connecting portion (4) is at least one fastener tape.

5. The combinable airbag as claimed in claim 1, wherein an outer periphery of the bag body (1) is coated with a sun block coating.

6. The combinable airbag as claimed in claim 1, wherein a sealing sheet is installed on the opening of the receiving portion (3) for sealing the opening so as to protect a wine bottle provided therein.

Patentansprüche

1. Kombinierbarer Luftsack, der für Weinflaschen verwendbar ist, aufweisend:

einen Sackkörper (1), der ein Lufteinlassloch (2) aufweist und aus einem aufblasbaren Material ausgebildet ist, das Plastizität hat, und einen Aufnahmeabschnitt (3), der an einem Zentralabschnitt des Sackkörpers (1) ausgebildet ist, wobei mindestens ein Ende des Aufnahmeabschnittes (3) eine Öffnung aufweist, die eine Größe hat, die etwas kleiner als der größte Durchmesser einer Weinflasche ist,

wobei eine Weinflasche in dem Sackkörper (1) aufgrund der Plastizität des aufblasbaren Materials des Sackkörpers (1) aufgenommen werden kann und wobei, wenn eine Weinflasche in dem Sackkörper (1) angeordnet ist, Luft in den Sackkörper (1) eingelassen werden kann, so dass der Sackkörper (1) die Weinflasche fest aufnimmt,

dadurch gekennzeichnet, dass

der Sackkörper (1) ein längliches, rechtwinkeliges Parallelepiped ist,

der Aufnahmeabschnitt (3) eine zentrale, sich längserstreckende, zylindrische Durchgangsöffnung in dem Sackkörper (1) ist, und

ein Anschlussabschnitt (4) an den vier Längsaußen-seiten des Sackkörpers (1) angebracht ist, der einen korrespondierenden Anschluss an einen angrenzenden, für Weinflaschen verwendbaren, kombinierbaren Luftsack ermöglicht.

2. Kombinierbarer Luftsack gemäß Anspruch 1, wobei der Aufnahmeabschnitt (3) eine Mehrzahl von Aufnahmeunterabschnitten aufweist, die zum Aufnehmen einer Mehrzahl von Weinflaschen imstande sind, wobei jeder Aufnahmeunterabschnitt zum Aufnehmen einer Weinflasche imstande ist.
3. Kombinierbarer Luftsack gemäß Anspruch 1, wobei der Anschlussabschnitt (4) mindestens ein Knopf ist.
4. Kombinierbarer Luftsack gemäß Anspruch 1, wobei der Anschlussabschnitt (4) mindestens ein Befestigungsband ist

5. Kombinierbarer Luftsack gemäß Anspruch 1, wobei ein Außenumfang des Sackkörpers (1) mit einer Sonnenschutzbeschichtung beschichtet ist.
6. Kombinierbarer Luftsack gemäß Anspruch 1, wobei eine Dichtungslage an der Öffnung des Aufnahmeabschnittes (3) zum Abdichten der Öffnung montiert ist, so dass eine darin vorgesehene Weinflasche geschützt ist.

Revendications

1. Enveloppe de protection gonflable pouvant être combinée, qui est utilisée pour des bouteilles de vin et qui comprend :

une poche (1), la poche (1) étant munie d'un trou de gonflage d'air (2) et constituée d'un matériau gonflable ayant une certaine plasticité ; et une partie de réception (3) formée en une partie centrale de la poche (1), une extrémité au moins de la partie de réception (3) ayant une ouverture de dimension légèrement inférieure au plus grand diamètre d'une bouteille de vin, dans laquelle une bouteille de vin peut être logée dans la poche (1) grâce à la plasticité du matériau gonflable de la poche (1), et où, lorsqu'on place une bouteille de vin dans la poche (1), on peut gonfler la poche (1) avec de l'air de façon à ce que la poche (1) enferme solidement la bouteille de vin ;

caractérisée en ce que :

la poche (1) a une forme de parallélépipède rectangulaire allongé ;
la partie de réception (3) est une ouverture traversante cylindrique qui s'étend longitudinalement dans la poche (1) ; et
une partie de liaison (4) est montée sur les quatre côtés extérieurs longitudinaux de la poche (1), ce qui permet de relier celle-ci de manière correspondante à une enveloppe de protection gonflable pouvant être combinée et utilisée pour des bouteilles de vin.

2. Enveloppe de protection gonflable pouvant être combinée selon la revendication 1, dans laquelle la partie de réception (3) comprend une pluralité de sous - parties de réception pouvant recevoir une pluralité de bouteilles de vin, dans laquelle chaque sous - partie de réception peut recevoir une bouteille de vin.
3. Enveloppe de protection gonflable pouvant être combinée selon la revendication 1, dans laquelle la partie de liaison (4) est constituée d'au moins un

bouton.

4. Enveloppe de protection gonflable pouvant être combinée selon la revendication 1, dans laquelle la partie de liaison (4) est constituée d'au moins une bande attache.

5. Enveloppe de protection gonflable pouvant être combinée selon la revendication 1, dans laquelle un pourtour extérieur de la poche (1) est revêtu d'une couche protectrice contre le soleil.

6. Enveloppe de protection gonflable pouvant être combinée selon la revendication 1, dans laquelle une feuille d'étanchéité est installée sur l'ouverture de la partie de réception (3) pour fermer l'ouverture de manière étanche et protéger une bouteille de vin disposée à l'intérieur.

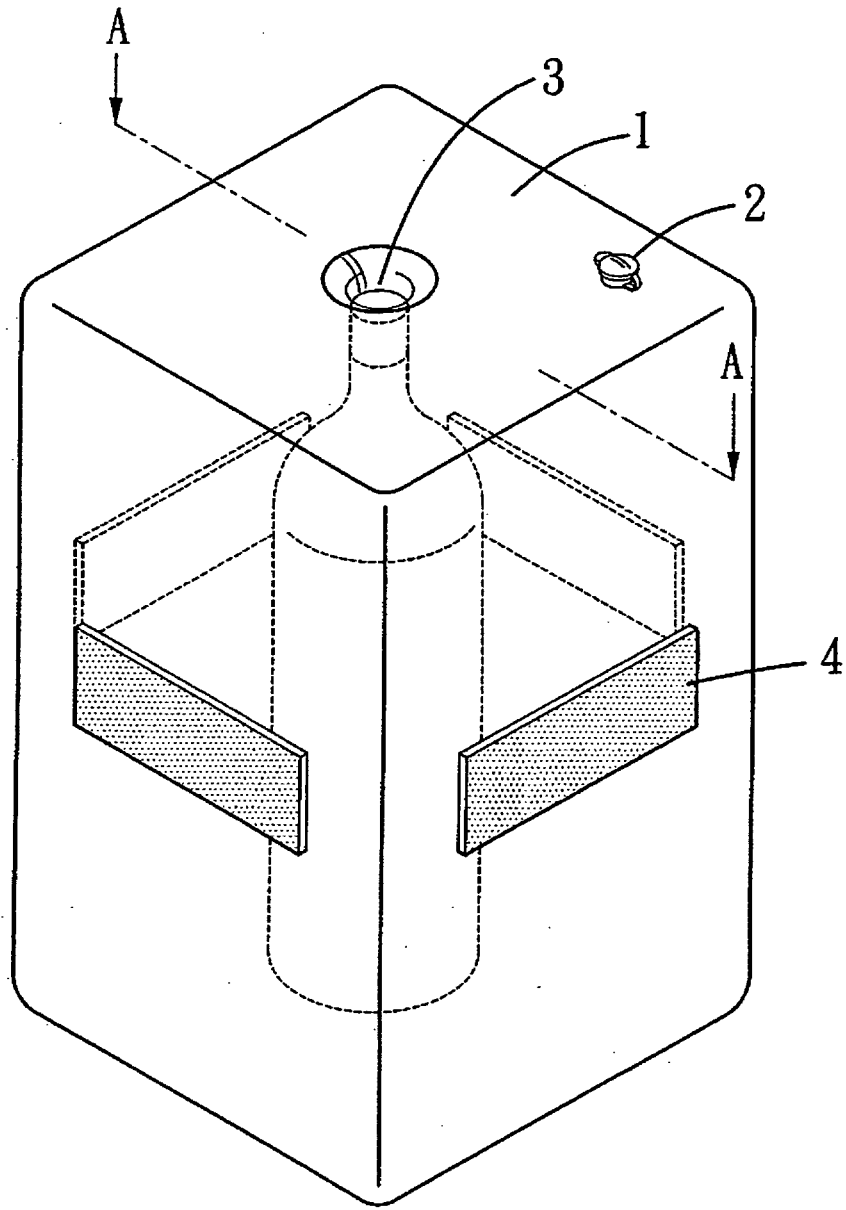


FIG. 1

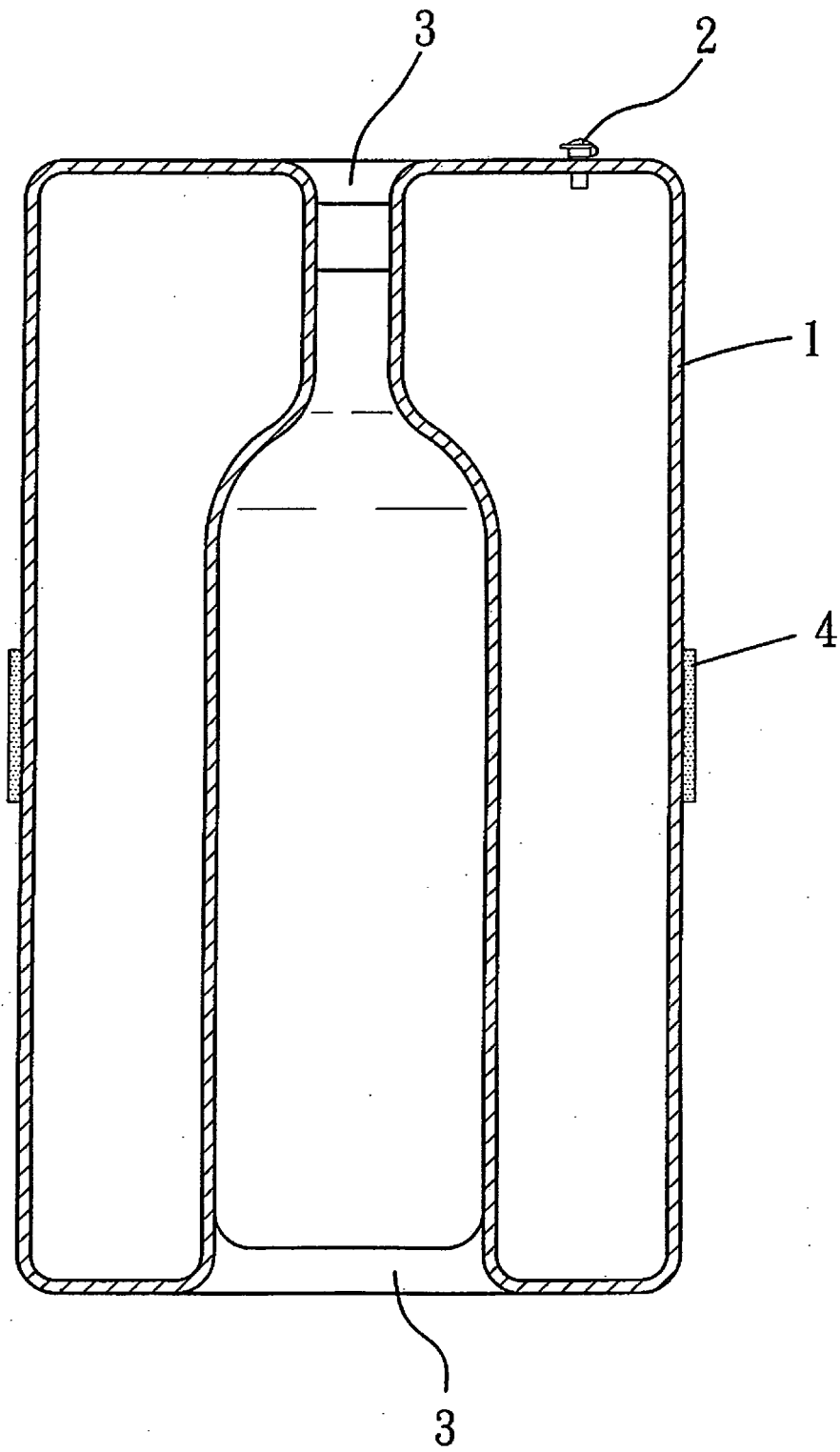


FIG. 2

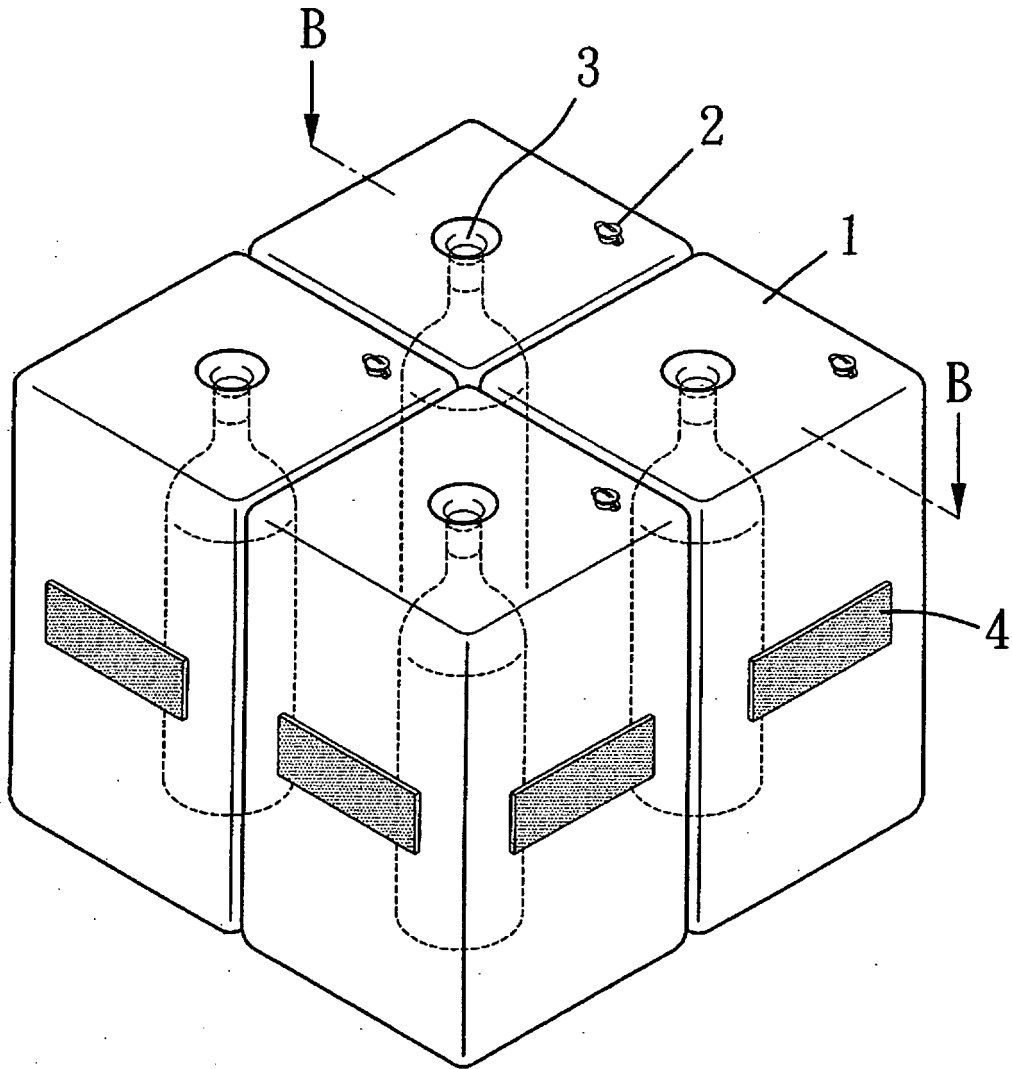


FIG. 3

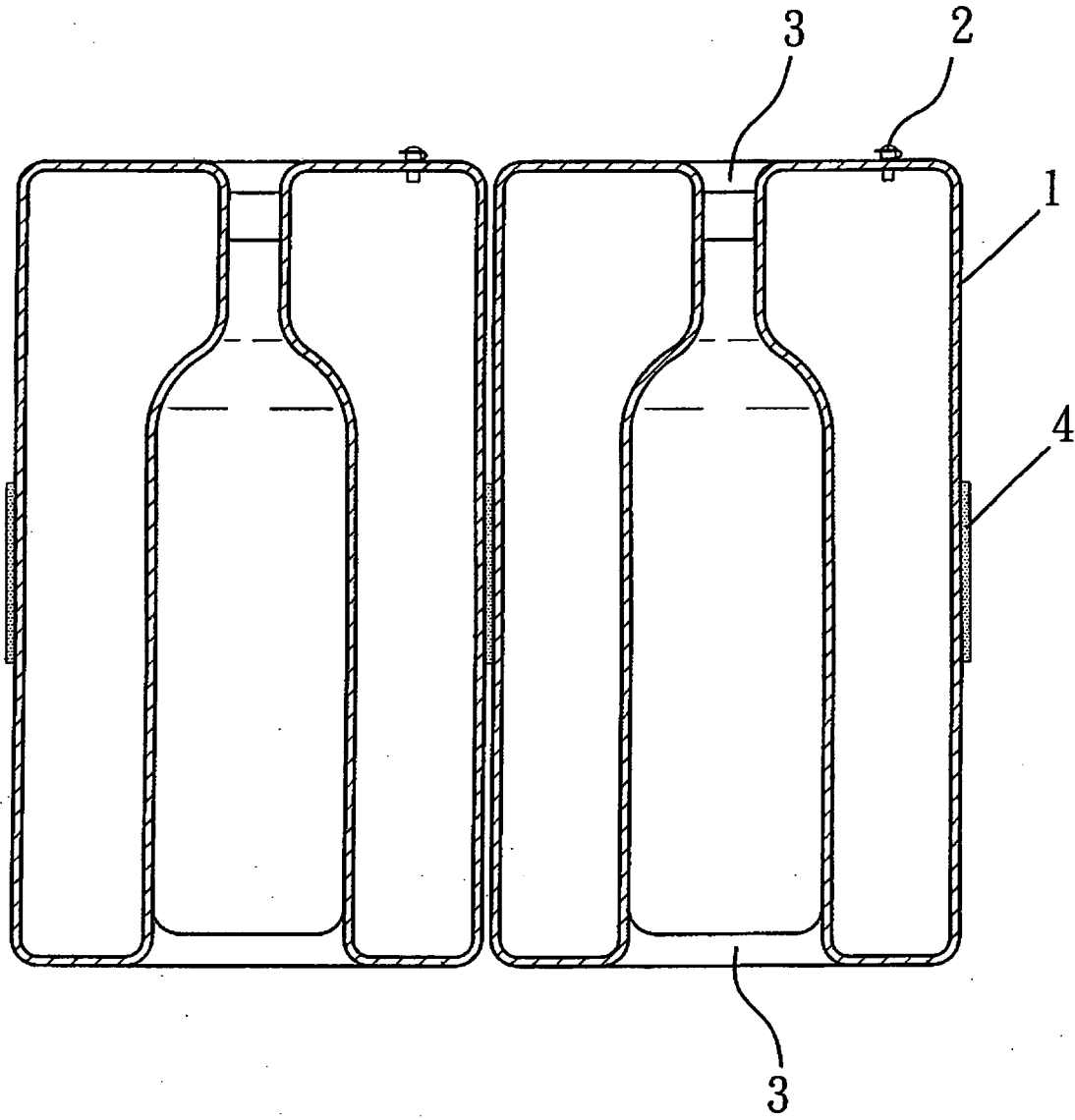


FIG. 4

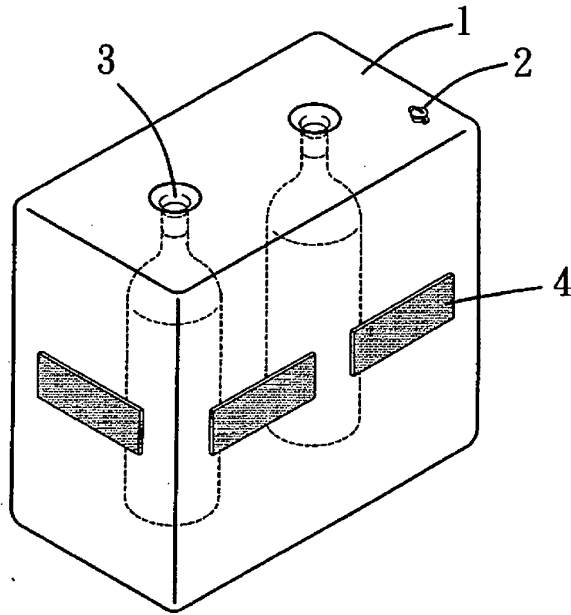


FIG. 5

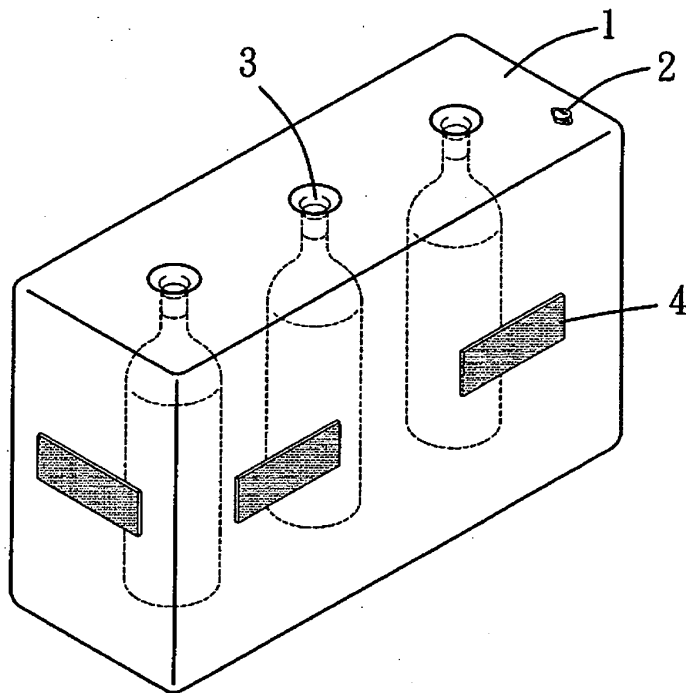


FIG. 6

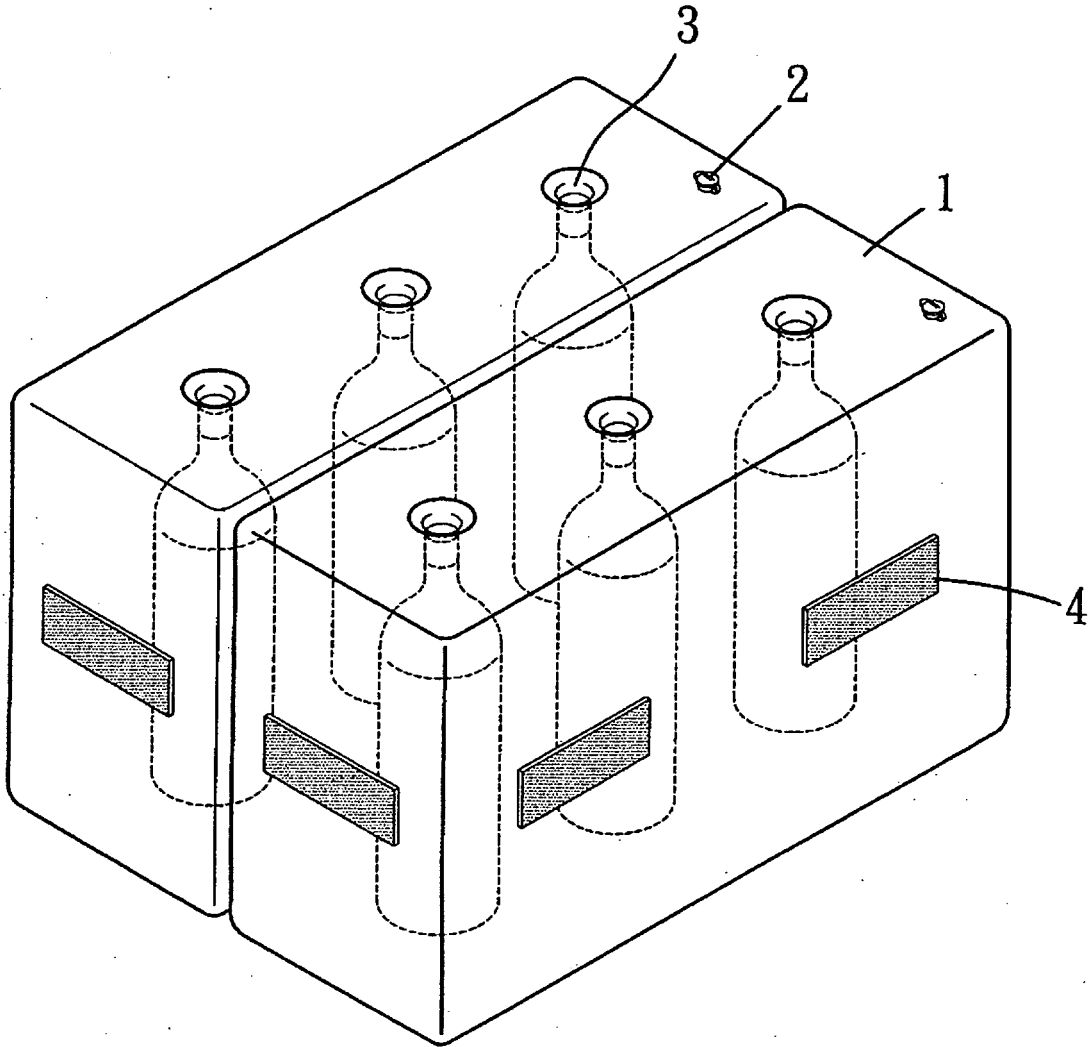


FIG. 7

REFERENCES CITED IN THE DESCRIPTION

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