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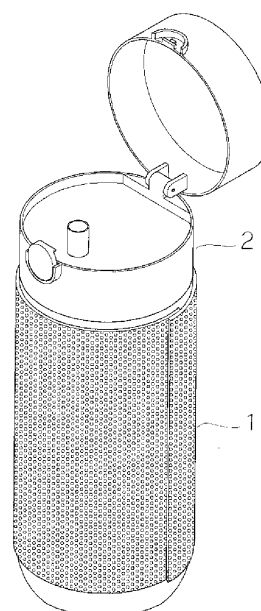
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(54) **REPLACEABLE CONTAINER PROTECTIVE COVER**

(57) The present invention provides a replaceable container protective cover. The protective cover has a main body and a joint structure configured on the opposite sides of the main body for quick assembly and disassembly. The surface of the protective cover can maintain the original plain form of the material, or can be printed with graphic patterns, or can be configured with a plurality of embedding holes arranged in any form, or can even adopt a hybrid design with combination of graphic patterns and embedding holes. The embedding holes can be in any style, matched by a button body for decoration. Moreover, the button body can be an independent embedding unit, a graphic body combined with an embedding unit, or a graphic body combined with the combination of a plurality of embedding units. Based on the above-mentioned structural design, apart from heat insulation, cold insulation, and anti-collision functions, the protective cover can be freely attached with button bodies, so that the protective cover can have a variety of unique styles, offering more aesthetic and personal expression.

Figs.



(A)

[Fig. 1]

Description

BACKGROUND OF INVENTION

1. Field of the Invention

[0001] The present invention relates to a protective cover, and more particularly to a replaceable container protective cover.

2. Description of Related Art

[0002] Common water containers, such as bottles, cans, aluminum foil bags, etc that are commonly seen in the market all have the problem that, when filled with cold or hot drinks, the external surface of the container will have vapor condensation or become too hot to hold directly by hand. To solve this problem, a typical solution is to attach a cover to the external surface of the container. Such a cover is usually made of an integrally formed elastic material so as to completely fit the circumference of the container and to achieve safety protection against coldness, heat, and collision. This kind of cover can offer good protection, but there is still a problem that the cover is not easy to assemble, and when cleaning is needed, it is also difficult to disassemble. Furthermore, this kind of cover usually has a monotonous appearance and have few design elements. As a result, it is hard for most users to distinguish their own water containers from those of others. The protective covers have neither beauty nor uniqueness, and may easily cause confusion.

SUMMARY OF THE INVENTION

[0003] The object of the present invention is to provide a replaceable container protective cover. Apart from having basic heat insulation, cold insulation, and anti-collision functions, the protective cover can be freely attached with decorating accessories, so that the protective cover can have a variety of unique styles, offering more aesthetic and personal expression.

[0004] In order to achieve the above object, the inventor has developed a replaceable container protective cover through a preferred embodiment, which is characterized in that: the protective cover has a main body and a joint structure configured on the opposite sides of the main body for quick assembly and disassembly, used to position the main body when it completely covers the surface of the container.

[0005] In one embodiment, the joint structure can be any of snap buttons, magnets, magic tapes, zippers, zip locks, or male and female clasps.

[0006] In one embodiment, the surface of the cover is printed with graphic patterns.

[0007] In one embodiment, the surface of the protective cover is configured with a plurality of embedding holes arranged in any form.

[0008] In one embodiment, the surface of the protec-

tive cover is simultaneously printed with graphic patterns and configured with a plurality of embedding holes arranged in any form.

[0009] In one embodiment, the embedding holes can be of any geometric shape, and all the holes may be of the same shape or of different shapes.

[0010] In one embodiment, the embedding holes can be embedded with a button body.

[0011] In one embodiment, the button body can be structured as an independent embedding unit, or a graphic body with an embedding unit, or a graphic body with the combination of a plurality of embedding units.

[0012] In one embodiment, the container can be of any form or any shape, and can be any of a bottle, a can, or a cup.

[0013] In one embodiment, the protective cover can be made of any material including silicone, leather, plastic, rubber, elastic cloth or nylon.

BRIEF DESCRIPTION OF THE DRAWINGS

[0014]

Fig. 1(A) is a schematic view of the protective cover according to a preferred embodiment of the invention (I).

Fig. 1(B) is a schematic view of the protective cover according to a preferred embodiment of the invention (II).

Fig. 2 is a schematic view of the protective cover according to another preferred embodiment of the invention.

Fig. 3 is a schematic view of different joint structures in the protective cover according to a preferred embodiment of the invention.

Fig. 4 is a schematic view of different arrangements of the embedding holes on the surface of the protective cover according to a preferred embodiment of the invention (I).

Fig. 5 is a schematic view of different arrangements of the embedding holes on the surface of the protective cover according to a preferred embodiment of the invention (II).

Fig. 6 is a schematic view of different arrangements of the embedding holes on the surface of the protective cover according to a preferred embodiment of the invention (III).

Fig. 7 is a schematic view of different shapes of the embedding holes on the surface of the protective cover according to a preferred embodiment of the invention.

Fig. 8 is a schematic view of the joint between the protective cover and the button body in a preferred embodiment of the invention.

Fig. 9 is an actual implementation view of the protective cover according to a preferred embodiment of according to the invention.

DETAILED DESCRIPTION OF THE INVENTION

[0015] Referring to Fig. 1(A)(B) and Fig. 2, the present invention provides a replaceable container protective cover. The protective cover (1) can cover the circumference of a container (2) of any form or any shape to achieve basic safety protection and heat insulation. The container (2) can be of any form or any shape and can be any of a bottle, a can, or a cup.

[0016] Now referring to Fig. 3, the protective cover (1) has a main body and is configured with a joint structure (3) on the opposite sides for quick assembly and disassembly. The joint structure (3) can be implemented as any of snap buttons, magnets, magic tapes, zippers, zip locks, or male and female clasps. The protective cover (1) can be made of any material including silicone, leather, plastic, rubber, elastic cloth or nylon.

[0017] Further referring to Fig.4~Fig.6, the surface of the protective cover (1) can maintain the original plain form of the material without adding any extra elements, or can be directly printed with any graphic patterns (4) to add some aesthetic effect, or can be configured with a plurality of embedding holes (5) arranged in any form, or can even adopt a hybrid design with combination of graphic patterns (4) and embedding holes (5) to achieve diversified visual beauty.

[0018] Further referring to Fig.7, as mentioned above, the embedding holes (5) can be implemented in any geometric shape, such as circle, square, triangle, star or polygon, or any irregular shape, so as to avoid monotony and add a more lively sense of beauty.

[0019] In addition, the embedding holes (5) can be further embedded with a button body (6). The form of the button body (6) includes: an independent embedding unit; a graphic body with an embedding unit; and a graphic body with the combination of a plurality of embedding units. The independent embedding unit, i.e., the button body (6) is formed in a shape matching the shape of the embedding holes (5), for example, a cylinder matching a round hole, a square column matching a square hole, a triangle column matching a triangle hole, and the like. Moreover, the button body (6) of the independent embedding unit can be applied with different colors for differentiation, so that, when freely attached to the embedding holes (5), graphic designs or texts of personal preference can be created.

[0020] In the form of the button body (6) combining a graphic design and an embedding unit, the button body (6) includes a graphic body (61) and a column body (62). The graphic body (61) has any of patterns, symbols, numbers or single texts (including various languages) to present a unique style. The column body (62) is formed in a shape matching that of the embedding holes (5). Similarly, in the form of a button body (6) combining a graphic design and a plurality of embedding units, the button body (6) is made of a larger graphic body (61) and a plurality of column bodies (62). Thus, when attached to the main body of the protective cover (1), a large cov-

erage area can be formed. That is to say, a large-area graphic design can be presented on the surface.

[0021] In practical use, the protective cover (1) as described above can be combined with containers of various forms or shapes. After assembly, it can achieve safety protection against coldness, heat, and collision. More importantly, no matter when the surface of the protective cover (1) maintains the original plain surface of the material, or is printed with graphic patterns, or is arranged with a plurality of embedding holes, or adopts a combination of printed patterns and a plurality of embedding holes, the container (2) and the protective cover (1) can have a unique appearance. Meanwhile, the user can freely attach various styles of button bodies so that the protective cover (1) can have a variety of unique styles while offering an aesthetic effect.

[0022] Although the invention has been explained in relation to its preferred embodiment, it is to be understood that many other possible modifications and variations can be made without departing from the spirit and scope of the invention as hereinafter claimed.

Claims

1. A replaceable container protective cover, having a main body and a joint structure configured on the opposite sides of the main body for quick assembly and disassembly, used to position the main body when it completely covers the surface of the container.
2. The replaceable container protective cover defined in Claim 1, wherein said joint structure can be any of snap buttons, magnets, magic tapes, zippers, zip locks, or male and female clasps.
3. The replaceable container protective cover defined in Claim 1, wherein said surface of the protective cover is printed with graphic patterns.
4. The replaceable container protective cover defined in Claim 1, wherein said surface of the protective cover is configured with a plurality of embedding holes arranged in any form.
5. The replaceable container protective cover defined in Claim 1, wherein said surface of the protective cover is simultaneously printed with graphic patterns and configured with a plurality of embedding holes arranged in any form.
6. The replaceable container protective cover defined in Claim 4 or 5, wherein said embedding holes can be of any geometric shape, and all the holes may be of the same shape or of different shapes.
7. The replaceable container protective cover defined

in Claim 4 or 5, wherein said embedding holes can be embedded with a button body.

8. The replaceable container protective cover defined in Claim 7, wherein said button body can be structured as an independent embedding unit, or a graphic body with an embedding unit, or a graphic body with the combination of a plurality of embedding units. 5 10
9. The replaceable container protective cover defined in Claim 1, wherein said container can be of any form or any shape, and can be any of a bottle, a can, or a cup. 15
10. The replaceable container protective cover defined in Claim 1, wherein said protective cover can be made of any material including silicone, leather, plastic, rubber, elastic cloth, or nylon. 20

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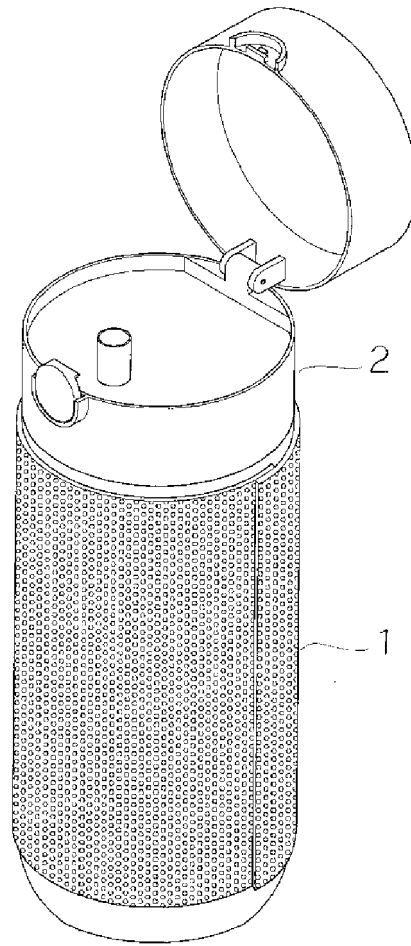
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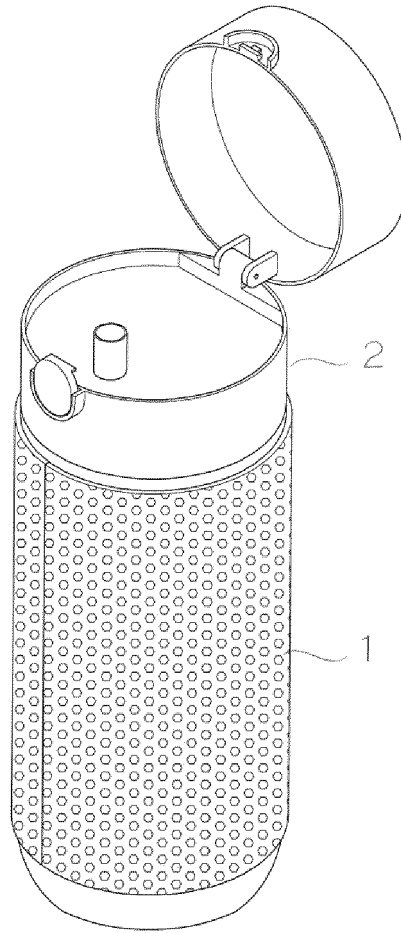
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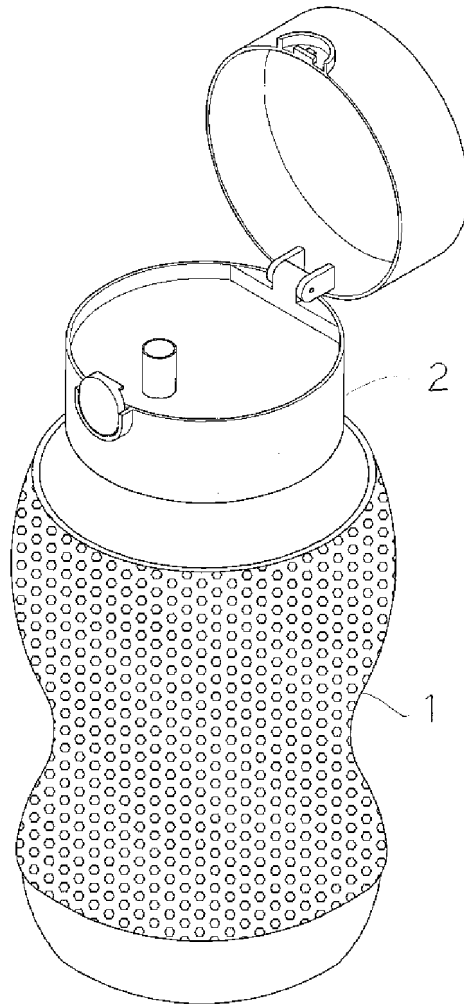
(A)

[Fig. 1]

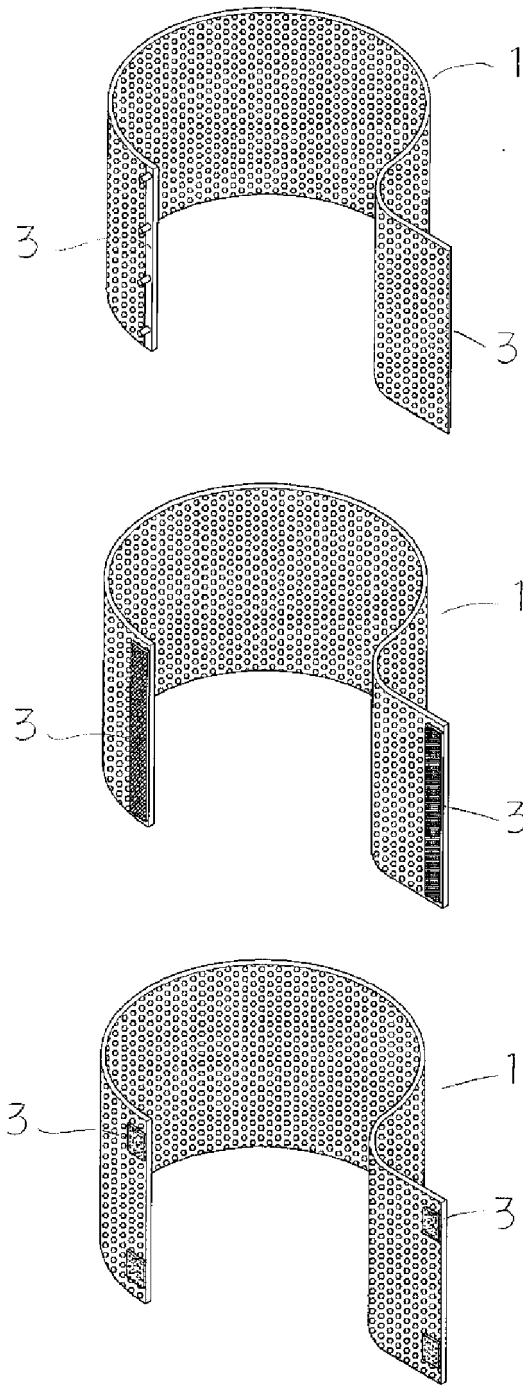


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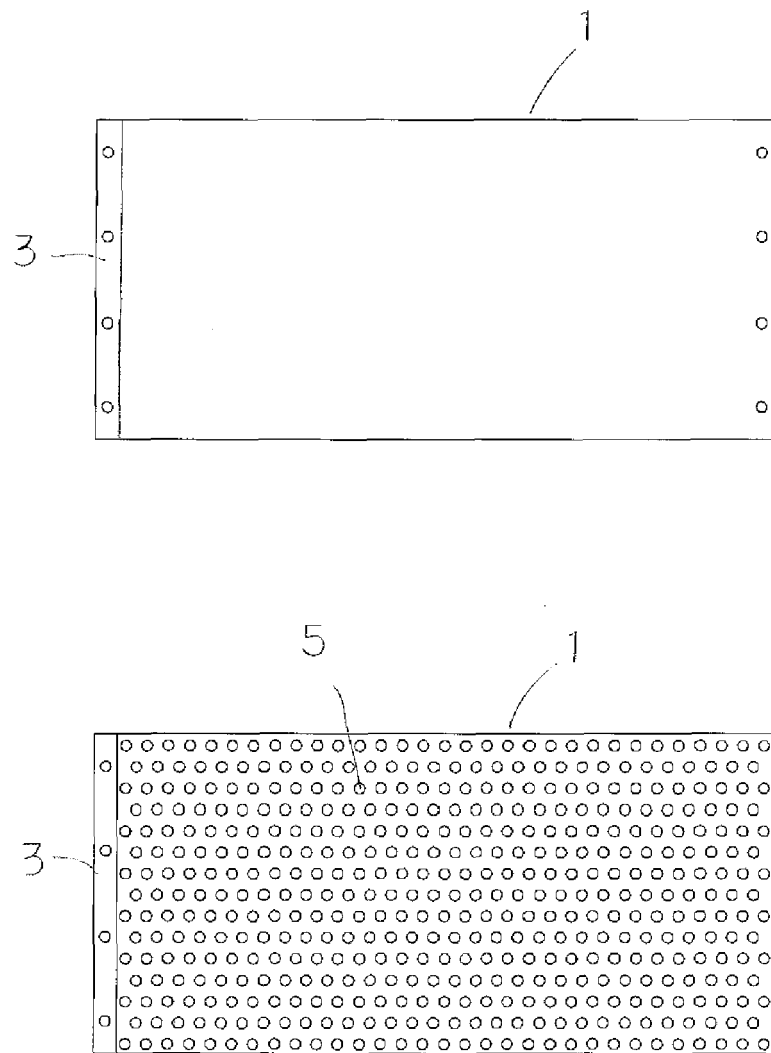
[Fig. 1]



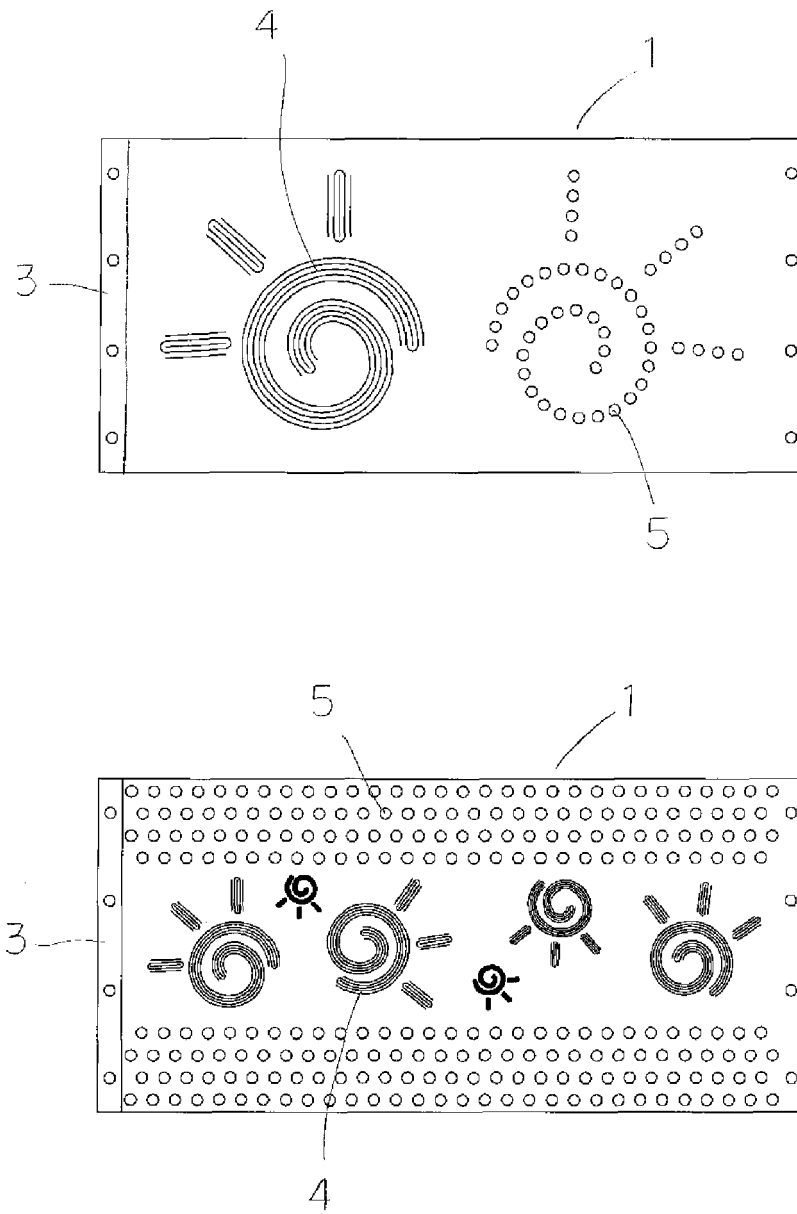
[Fig. 2]



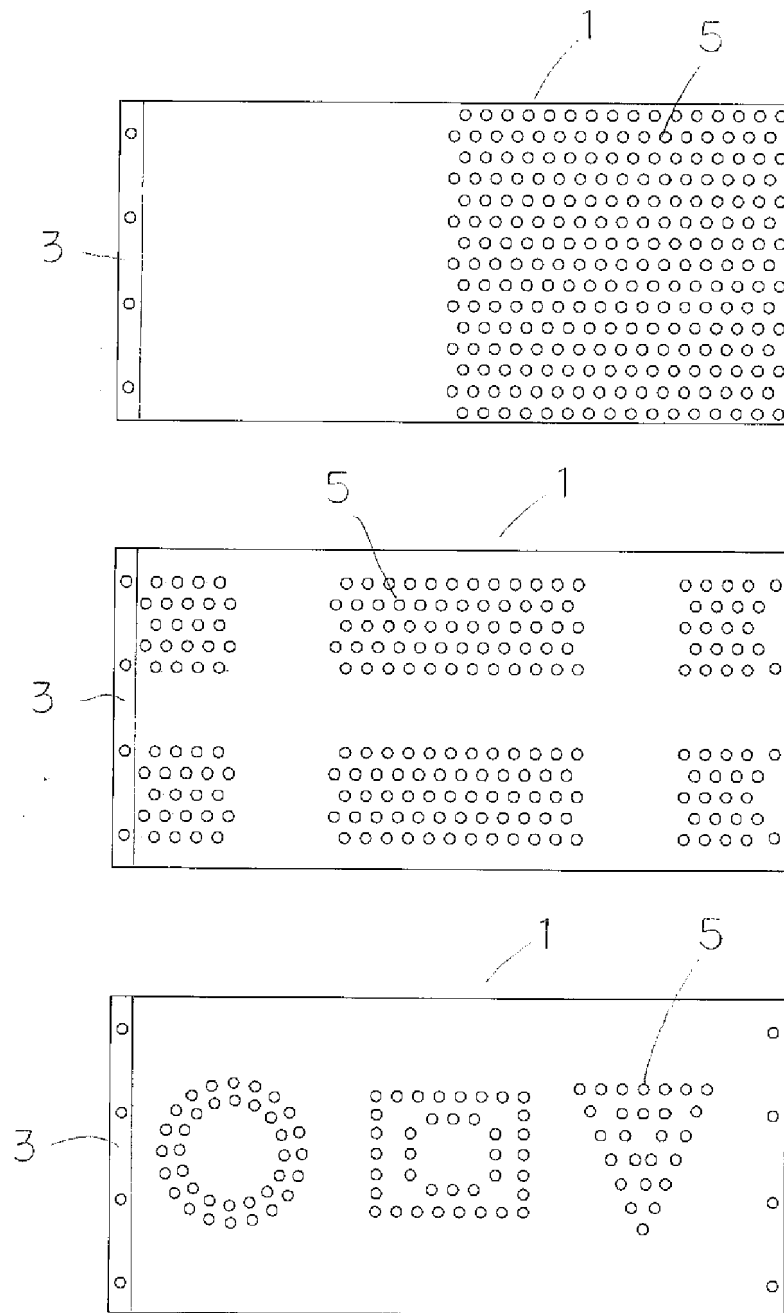
[Fig. 3]



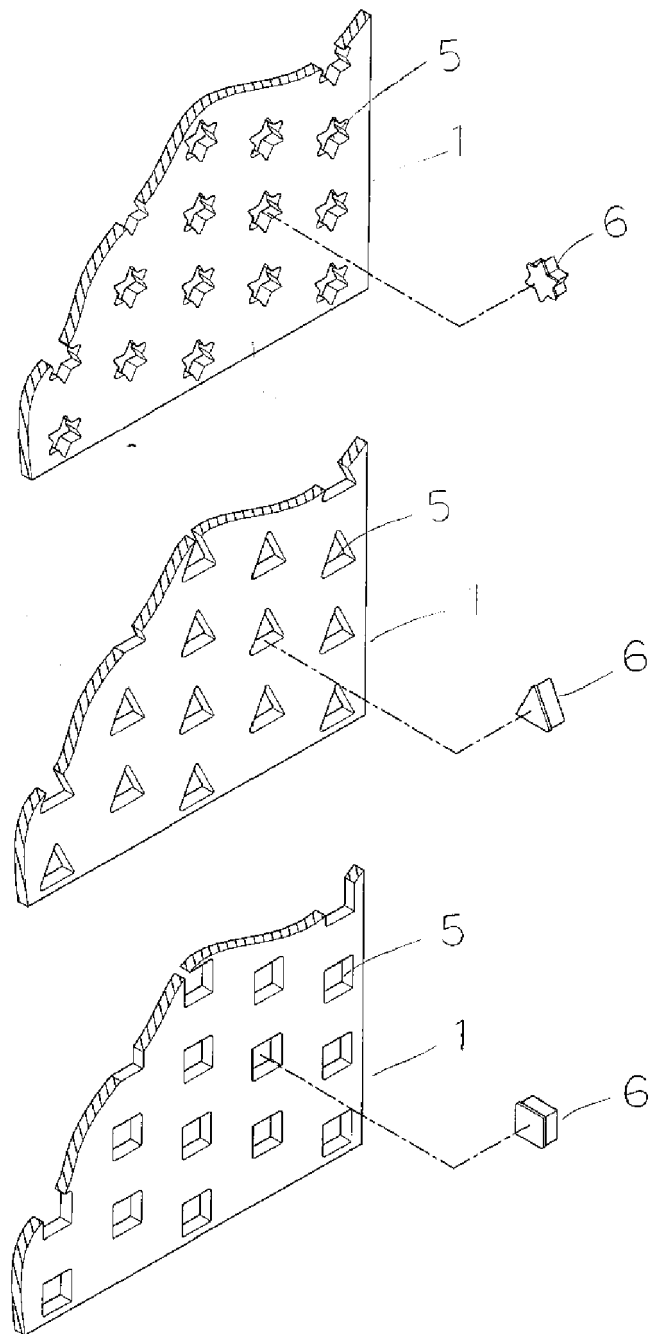
[Fig. 4]



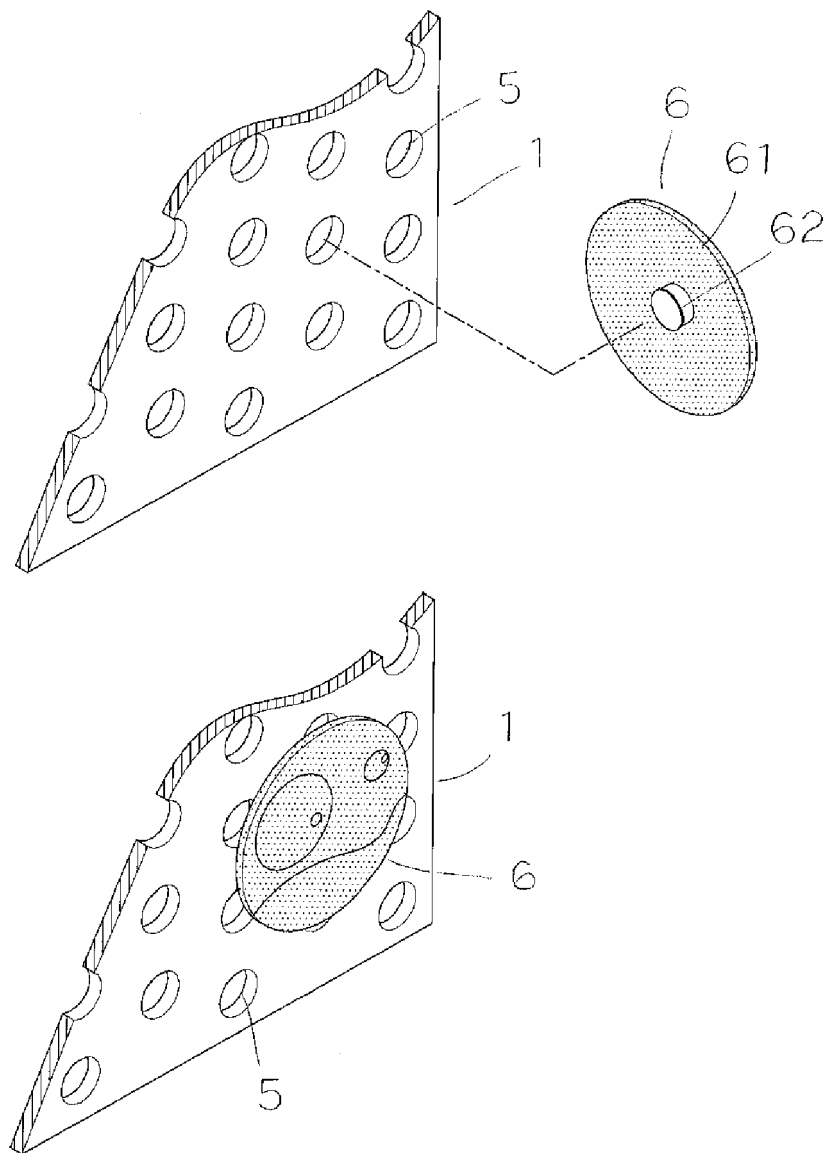
[Fig. 5]



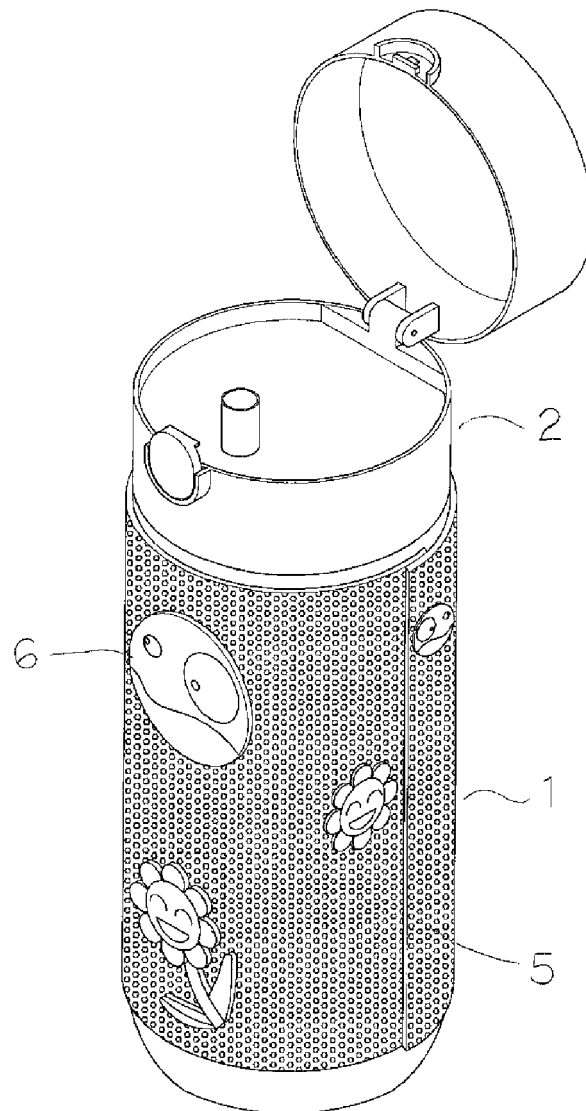
[Fig. 6]



[Fig. 7]



[Fig. 8]



[Fig. 9]



EUROPEAN SEARCH REPORT

Application Number

EP 22 15 4477

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Y	* page 12, line 12 - page 15, line 20; figures *	8	A47G19/22 B65D65/10
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A	US 2008/087715 A1 (ROBERTSON RONALD D [US] ET AL) 17 April 2008 (2008-04-17) * paragraph [0017]; figures *	4-8	TECHNICAL FIELDS SEARCHED (IPC) B65D A45F A47G
The present search report has been drawn up for all claims			

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Place of search

Date of completion of the search

Examiner

The Hague

17 June 2022

van de Beek-Duijker

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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