



(12) **EUROPEAN PATENT APPLICATION**

(43) Date of publication:  
**21.07.2010 Bulletin 2010/29**

(51) Int Cl.:  
**A45D 33/00 (2006.01) A45D 33/20 (2006.01)**

(21) Application number: **09158985.3**

(22) Date of filing: **28.04.2009**

(84) Designated Contracting States:  
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR**  
Designated Extension States:  
**AL BA RS**

(72) Inventor: **Chen, Sin-Hsiung**  
**Taiwan R.O.C. (TW)**

(74) Representative: **Keltie, David Arthur et al**  
**Keltie**  
**Fleet Place House**  
**2 Fleet Place**  
**London EC4M 7ET (GB)**

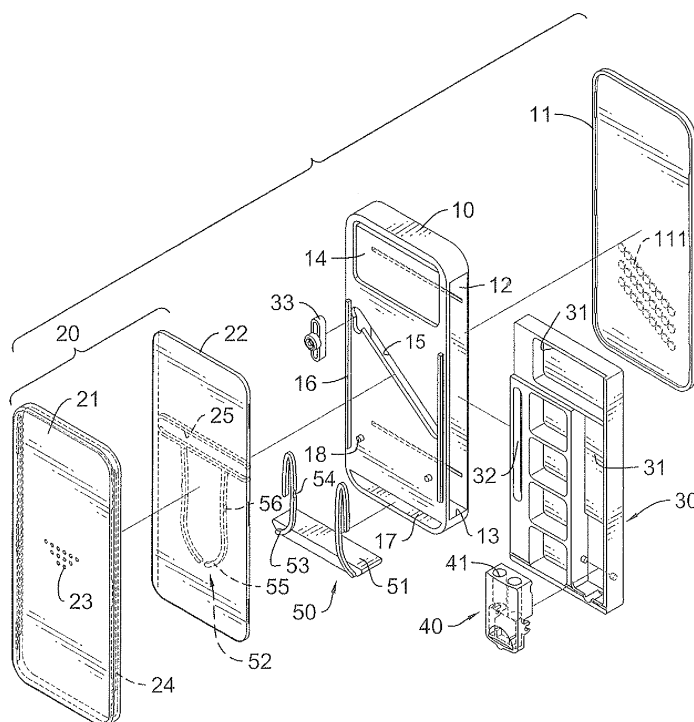
(30) Priority: **17.01.2009 TW 98101748**

(71) Applicant: **Chen, Sin-Hsiung**  
**Taiwan R.O.C. (TW)**

(54) **Make-Up Compact**

(57) A make-up compact has a hollow base (10), a lateral tray (30), a front cover (20) and a slider (33). The base (10) has a front surface and an oblique slot (15). The oblique slot (15) is formed on the front surface and communicates with a chamber (12) of the base (10). The lateral tray (30) is slidably mounted in the base (10) and has an edge and a longitudinal slot (32) formed in the

edge. The front cover (20) is movably mounted on the base (10) and has a rear surface and a transverse slot (25) formed on the rear surface. The slider (33) is slidably mounted in the longitudinal slot (32) and protrudes through the oblique slot (15) into the transverse slot (25). As the front cover (20) moves, the front cover (20) induces the slider (33) to move the lateral tray (30) for improved convenience.



**FIG.1**

## Description

### 1. Field of the Invention

**[0001]** The present invention relates to a make-up compact, and more particularly to a make-up compact that allows cosmetics to be conveniently and easily carried and used.

### 2. Description of Related Art

**[0002]** Applying make-up requires various cosmetics and applicators including: foundation, face powder, powder puff, lipstick, mascara, eye shadow, and the like. Each cosmetic is provided in a container, may require a specific applicator and may last for different time depending on products, contact or environmental factors, so the cosmetics and applicators are carried for reapplication, frequently in a bag. Further, due to increased time demands, makeup may be carried to change style after work, at night, or while commuting. However, storing cosmetics in the bag may hinder selection and location of required cosmetic and cosmetics may collide causing leakage and damage to cosmetics, applicators and containers.

**[0003]** Further to the cosmetics, a mirror is also required, so the bag, mirror and required cosmetic must be held simultaneously, but such juggling, especially when moving during a commute, may cause misapplication, loss of cosmetics from the bag or the like.

**[0004]** To overcome the shortcomings, the present invention provides a make-up compact to mitigate or obviate the aforementioned problems.

**[0005]** The main objective of the invention is to provide a make-up compact for conveniently and easily using cosmetics.

**[0006]** A make-up compact has a hollow base, a lateral tray, a front cover and a slider. The base has a front surface and an oblique slot. The oblique slot is formed on the front surface and communicates with a chamber of the base. The lateral tray for containing cosmetics is slidably mounted in the base and has an edge and a longitudinal slot formed in the edge. The front cover is movably mounted on the base and has a rear surface and a transverse slot formed on the rear surface. The slider is slidably mounted in the longitudinal slot and protrudes through the oblique slot into the transverse slot. As the front cover moves, the front cover induces the slider to move the lateral tray for improved convenience.

**[0007]** Other objectives, advantages and novel features of the invention will become more apparent from the following detailed description when taken in conjunction with the accompanying drawings.

### IN THE DRAWINGS

**[0008]**

Fig. 1 is an exploded perspective view of a make-up compact in accordance with the present invention; Fig. 2 is a perspective view of the make-up compact in Fig. 1;

Fig. 3 is a front view of the make-up compact in Fig. 1 with internal elements shown in phantom lines;

Fig. 4 is side view in partial section taken along line 4-4 of the make-up compact in Fig. 3;

Fig. 5 is top view in partial section taken along line 5-5 of the make-up compact in Fig. 3; and

Fig. 6 is a front view of the make-up compact in Fig. 3 showing a lateral tray moving out.

**[0009]** With reference to Figs. 1 to 3, a make-up compact comprises a base (10), a front cover (20), a lateral tray (30) and a slider (33) and may further have a buffer assembly (50).

**[0010]** The base (10) has two opposite sides, a mount surface, a chamber (12), an opening (13), a front surface, a mirror (14) and an oblique slot (15) and may have a rear cover (11), two guide rails (16), multiple stops (18), a buffer mount (17), a decoration and two transverse guides.

**[0011]** The chamber (12) is defined in the base (10).

**[0012]** The opening (13) is formed through one of the sides and communicates with the chamber (12).

**[0013]** The front surface has an upper segment and a lower segment.

**[0014]** The mirror (14) is mounted on the upper segment of the front surface.

**[0015]** The oblique slot (15) is formed through the lower segment of the front surface and communicates with the chamber (12).

**[0016]** The rear cover (11) is mounted on the mount surface of the base (10), may be transparent and has an outer surface and a handgrip (111). The handgrip (111) is formed on the outer surface and may comprise multiple grooves, recesses, resilient ribs, bosses or the like.

**[0017]** The guide rails (16) are formed on the front surface of the base (10), and each guide rail (16) may have a neck and a head. The head of the guide rail (16) may be wider than the neck and protrude from one or both sides. The stops (18) are formed on and protrude from the lower segment of the front surface. The buffer mount (17) is formed on the lower segment of the front surface and may be a trough, protrusion or the like. The decoration may comprise letters, words, shapes, pictures, pattern or the like and is disposed between the base (10) and the rear cover (11) and may be a trademark or brand. When the rear cover (11) is transparent, the decoration is revealed yet protected. The transverse guides are formed in the chamber (12).

**[0018]** The front cover (20) is slidably mounted on the front surface of the base (10) and has a rear surface and a transverse slot (25) and may have an exterior panel (21), an interior panel (22), two guide grooves (24) and a decoration.

**[0019]** The rear surface of the front cover (20) may be

the interior panel (22) and be opposite to the exterior panel (21) and is disposed adjacent to the front surface of the base (10).

**[0020]** The transverse slot (25) is formed on the rear surface.

**[0021]** The exterior panel (21) may be transparent and has an annular edge, an outer surface, a mount surface, a sidewall, two guide grooves (24) and a finger grip (23). The sidewall is annular, is formed on the annular edge and may have an inner surface. The guide grooves (24) are formed on the front cover (20) and may be formed on the inner surface of the sidewall of the exterior panel (21) and respectively correspond to and are engaged respectively with the two guide rails (16) of the base (10) to allow the front cover (20) to transversely move along the guide rails (16). The mount surface is surrounded by the sidewall. The finger grip (23) is formed on the outer surface and may comprise resilient protrusions, bosses, ribs, grooves or the like.

**[0022]** The interior panel (22) is mounted on the mount surface of the exterior panel (21). The decoration of the front cover (20) may comprise letters, words, shapes, pictures, and is disposed between the exterior panel (21) and the interior panel (22). The decoration of the front cover (20) may be a trademark, brand or the like. Due to the transparent exterior panel (21), the decoration can be revealed without being damaged.

**[0023]** The lateral tray (30) is movably mounted in the chamber (12) of the base (10) for containing cosmetics and has an edge and a longitudinal slot (32) and may have at least one compartment (31), a holder (40), an inner surface and two slide protrusions.

**[0024]** The edge is mounted in the base (10). The longitudinal slot (32) is formed in the edge of the lateral tray (30).

**[0025]** The at least one compartment (31) is formed in the lateral tray and may be filled with a cosmetic or securely receive a cosmetic pouch.

**[0026]** The holder (40) is pivotally mounted in the at least one compartment (31) and has an end and at least one hole (41). The at least one hole (41) is formed in the end of the holder (40) to allow pencil-shaped cosmetics and applicators, such as but not limited to pencils, mascaras, wands, liners, lipsticks, gloss, or the like to be placed and stored securely.

**[0027]** The two slide protrusions are formed on the inner surface of the lateral tray (30) and respectively protrude into the two transverse guides to limit and to guide the lateral tray (30) to move transversely.

**[0028]** With further reference to the Fig. 4 and Fig.5, the slider (33) is slidably mounted in the longitudinal slot (32) of the lateral tray (30) and protrudes through the oblique slot (15) of the base (10) and into the transverse slot (25) of the front cover (20). The slider (33) may have a longitudinal slider and an oblique slider. The longitudinal slider is slidably mounted in the longitudinal slot (32) of the lateral tray (30). The oblique slider is connected to the longitudinal slider and protrudes through the oblique

slot (15) of the base (10) and into the transverse slot (25) of the interior panel (22).

**[0029]** With further reference to Fig. 6, the buffer assembly (50) has a stationary buffer (51) and a moving buffer (52). The stationary buffer (51) is mounted in the buffer mount (17) of the base (10) and has two resilient arms (53). The resilient arms (53) respectively about the stops (18) of the base (10) and each resilient arm (53) has a recessed detent (54) defined in the resilient arm (53). The recessed detents (54) of the resilient arms (53) face inward. The moving buffer (52) is mounted on the rear surface of the front cover (20) and has two mounting arms (55). The mounting arms (55) protrude through and between the resilient arms (53) and each mounting arm (55) has a protruding detent (56). The protruding detents (56) are formed on the mounting arms (55) and correspond to and are selectively engaged respectively with the recessed detents (54) of the resilient arms (53).

**[0030]** Moving the front cover (20) pushes the slider (33) to move and the slider (33) pushes the lateral tray (30) partially out from the chamber (12) of the base (10) to reveal the at least one compartment (31) of the lateral tray (30). Due to the at least one compartment (31) being revealed, the cosmetics can be used conveniently. As the front cover (20) moves, the mounting arms (55) of the moving buffer (52) move deeper between the resilient arms (53) of the stationary buffer (51) and the protruding detents (56) of the moving buffer (52) move in the recessed detent (54) of the stationary buffer (51) and are held. The front cover (20) or the lateral tray (30) can be returned to simultaneously force the other to return.

**[0031]** Because the at least one compartment (31) of the lateral tray (30) can contain cosmetics and related products, carrying and applying different kinds of cosmetics is facilitated. People can hold the make-up compact with one hand and reveal the mirror (14) and the compartment (31) of the lateral tray (30) by sliding down the finger grip (23) of the front cover (20) with a thumb or a finger so people can watch the mirror (14) to wear make-up or reapply. People can also use pencil-shaped cosmetics and applicators stuck in the at least one hole (41) of the holder (40). Therefore, people can use cosmetics easily and conveniently in the make-up compact.

## Claims

### 1. A make-up compact comprising:

- a base (10) having two opposite sides;
- a chamber (12) being defined in the base (10);
- an opening (13) being formed through one of the sides and communicating with the chamber (12);
- a front surface having an upper segment and a lower segment;
- a mirror (14) being mounted on the upper seg-

- ment of the front surface; and  
 an oblique slot (15) being formed on the lower  
 segment of the front surface and communicating  
 with the chamber (12);  
 a front cover (20) being slidably mounted on the  
 front surface of the base (10) and having  
 a rear surface being disposed adjacent to the  
 front surface or the base (10); and  
 a transverse slot (25) being formed on the rear  
 surface;  
 a lateral tray (30) being movably mounted in the  
 chamber (12) or the base (10) for containing cos-  
 metics and having  
 an edge being mounted in the base (10); and  
 a longitudinal slot (32) being formed in the edge;  
 and  
 a slider (33) being slidably mounted in the lon-  
 gitudinal slot (32) of the lateral tray (30) and pro-  
 truding through the oblique slot (15) of the base  
 (10) and into the transverse slot (25) of the front  
 cover (20).
2. The make-up compact as claimed in claim 1, wherein  
 the base (10) further has two guide rails (16) being  
 formed on the front surface of the base (10) and pro-  
 truding vertically; and  
 the front cover (20) further has two guide grooves  
 (24) formed on the front cover (20) and engaged re-  
 spectively with the guide rails (16) of the base (10).
3. The make-up compact as claimed in claim 2, wherein  
 the front cover (20) further has  
 an exterior panel (21) having  
 an outer surface;  
 a mount surface opposite to the outer surface; and  
 a finger grip (23) being formed on the outer surface;  
 and  
 an interior panel (22) being mounted on the mount  
 surface, wherein the rear surface of the front cover  
 (20) is the interior panel (22).
4. The make-up compact as claimed in claim 3, wherein  
 the base (10) has  
 a mount surface; and  
 a rear cover (11) being mounted on the mount sur-  
 face of the base (10) and having an outer surface  
 and a handgrip (111) being formed on the outer sur-  
 face.
5. The make-up compact as claimed in claim 4, wherein  
 the base (10) further has  
 a buffer mount (17) being formed on the lower seg-  
 ment of the front surface of the base (10); and  
 multiple stops (18) being formed on and protruding  
 from the lower segment of the front surface of the  
 base (10); and  
 the make-up compact further has a buffer assembly  
 (50) having  
 a stationary buffer (51) being mounted in the buffer  
 mount (17) of the base (10) and having two resilient  
 arms (53) protruding through and between the two  
 stops (18) of the base (10) and each resilient arm  
 (53) having a recessed detent (54), wherein the re-  
 cessed detents (54) face inward; and  
 a moving buffer (52) being mounted on the rear sur-  
 face of the interior panel (22) and having two mount-  
 ing arms (55) protruding through and between the  
 resilient arms (53) and each mounting arm (55) hav-  
 ing a protruding detent (56), wherein the protruding  
 detents (56) correspond to and are selectively en-  
 gaged respectively with the recessed detents (54)  
 of the resilient arms (53).
6. The make-up compact as claimed in claim 5, wherein  
 the lateral tray (30) has  
 at least one compartment (31) being formed in the  
 lateral tray (30); and  
 a holder (40) being pivotally mounted in the at least  
 one compartment (31).
7. The make-up compact as claimed in claim 6, wherein  
 the exterior panel (21) is transparent.
8. The make-up compact as claimed in claim 7, wherein  
 the rear cover (11) is transparent.
9. The make-up compact as claimed in claim 1, wherein  
 the front cover (20) has  
 an exterior panel (21) having  
 an outer surface;  
 a mount surface opposite to the outer surface; and  
 a finger grip (23) being formed on the outer surface;  
 and  
 an interior panel (22) being mounted on the mount  
 surface, wherein the rear surface of the front cover  
 (20) is the interior panel (22).
10. The make-up compact as claimed in claim 9, wherein  
 the base (10) has  
 a mount surface; and  
 a rear cover (11) being mounted on the mount sur-  
 face of the base (10) and having an outer surface  
 and a handgrip (111) being formed on the outer sur-  
 face.
11. The make-up compact as claimed in claim 10,  
 wherein  
 the base (10) further has  
 a buffer mount (17) being formed on the lower seg-  
 ment of the front surface of the base (10); and  
 multiple stops (18) being formed on and protruding  
 from the lower segment of the front surface of the  
 base (10); and  
 the make-up compact further has a buffer assembly  
 (50) having  
 a stationary buffer (51) being mounted in the buffer

mount (17) of the base (10) and having two resilient arms (53) protruding through and between the two stops of the base (10) and each resilient arm (53) having a recessed detent (54), wherein the recessed detents (54) face inward; and 5  
a moving buffer (52) being mounted on the rear surface of the interior panel (22) and having two mounting arms (55) protruding through and between the two resilient arms (53) and each mounting arm (55) having a protruding detent (56), wherein the protruding detents (56) correspond to and are selectively engaged respectively with the recessed detents (54) of the resilient arms (53). 10

12. The make-up compact as claimed in claim 11, 15  
wherein the lateral tray (30) has  
at least one compartment (31) being formed in the lateral tray (30); and  
a holder (40) being pivotally mounted in the at least one compartment (31). 20

13. The make-up compact as claimed in claim 12,  
wherein the exterior panel (21) is transparent.

14. The make-up compact as claimed in claim 13, 25  
wherein the rear cover (11) is transparent.

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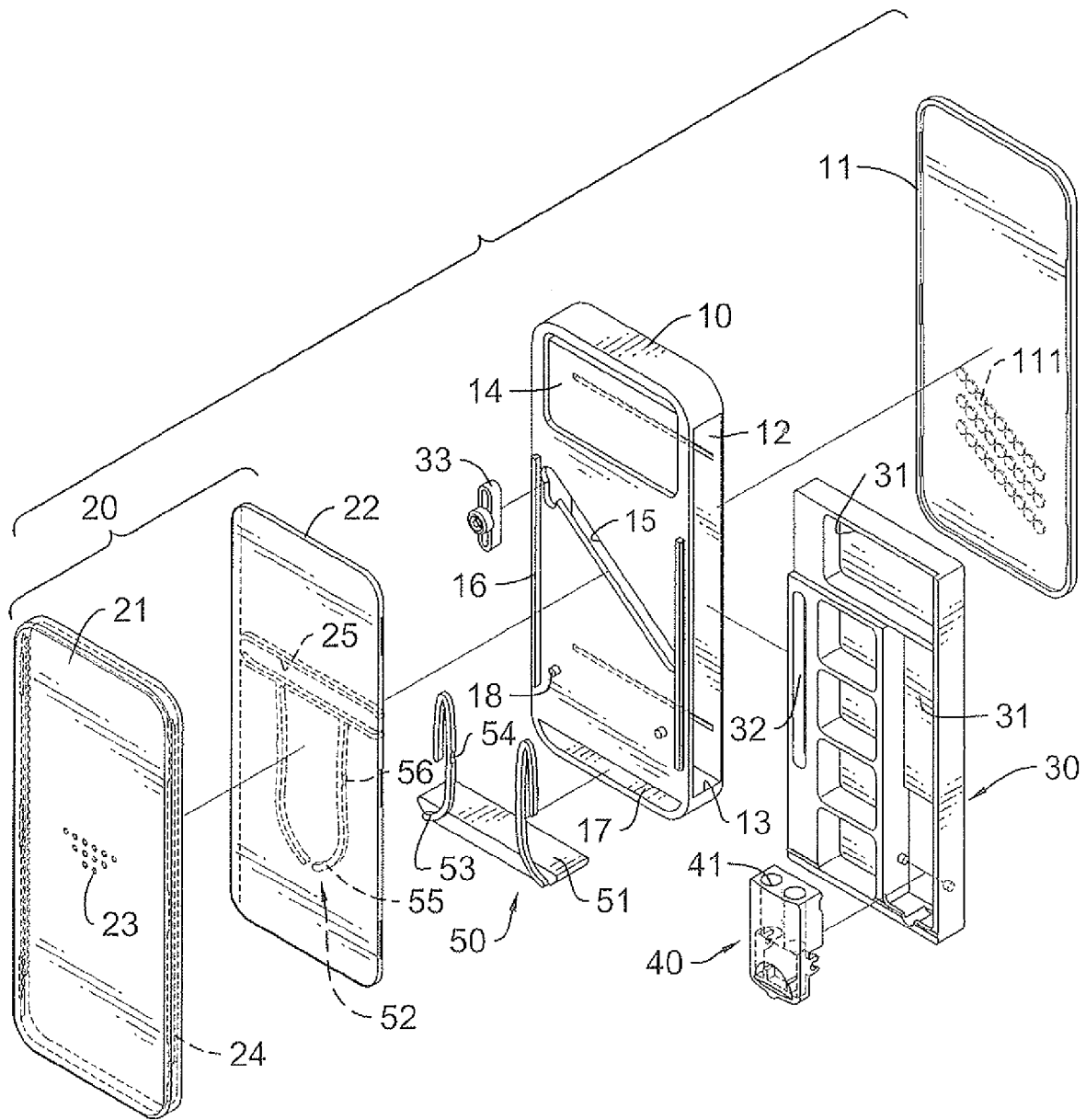


FIG.1

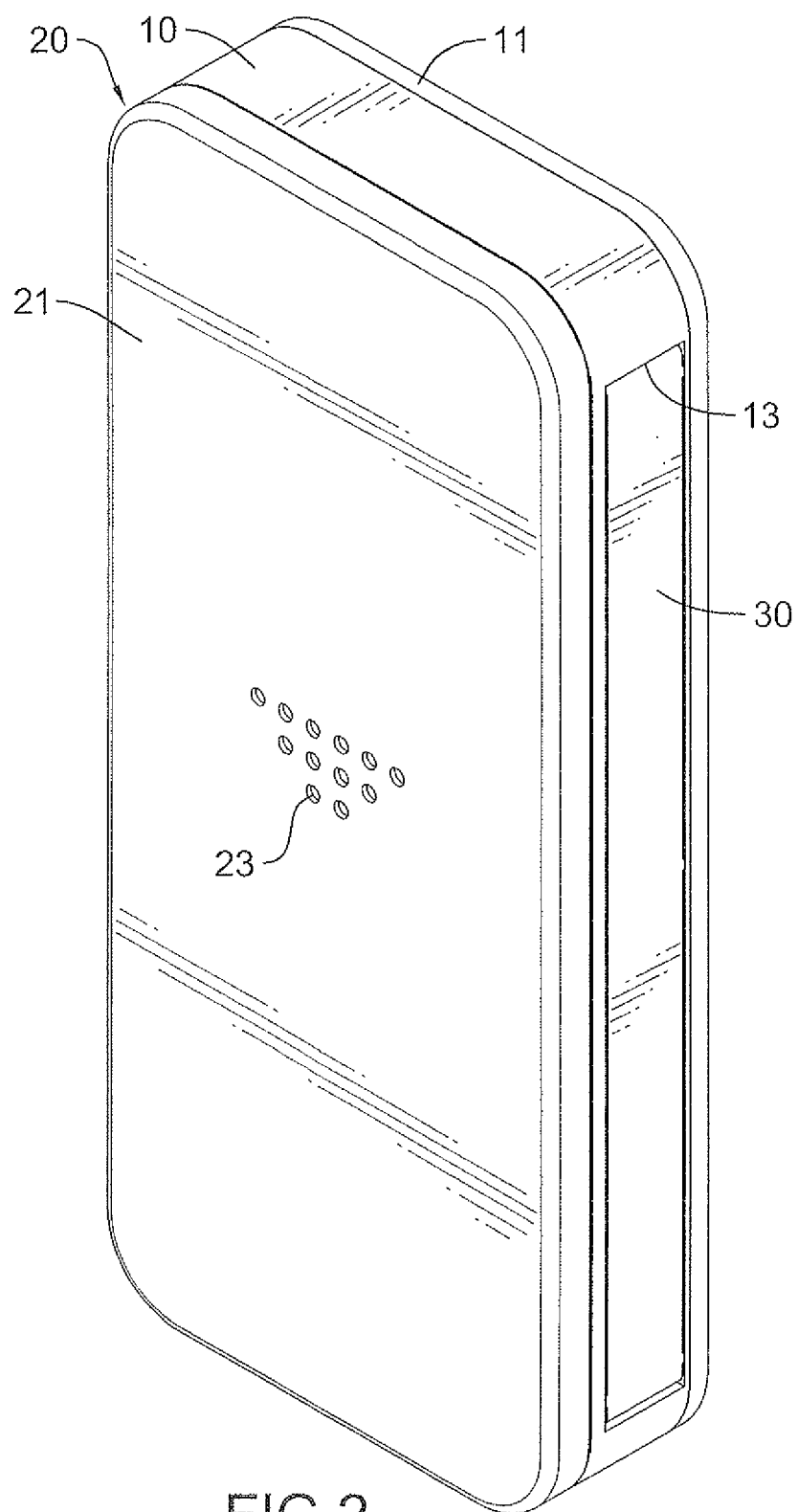


FIG.2

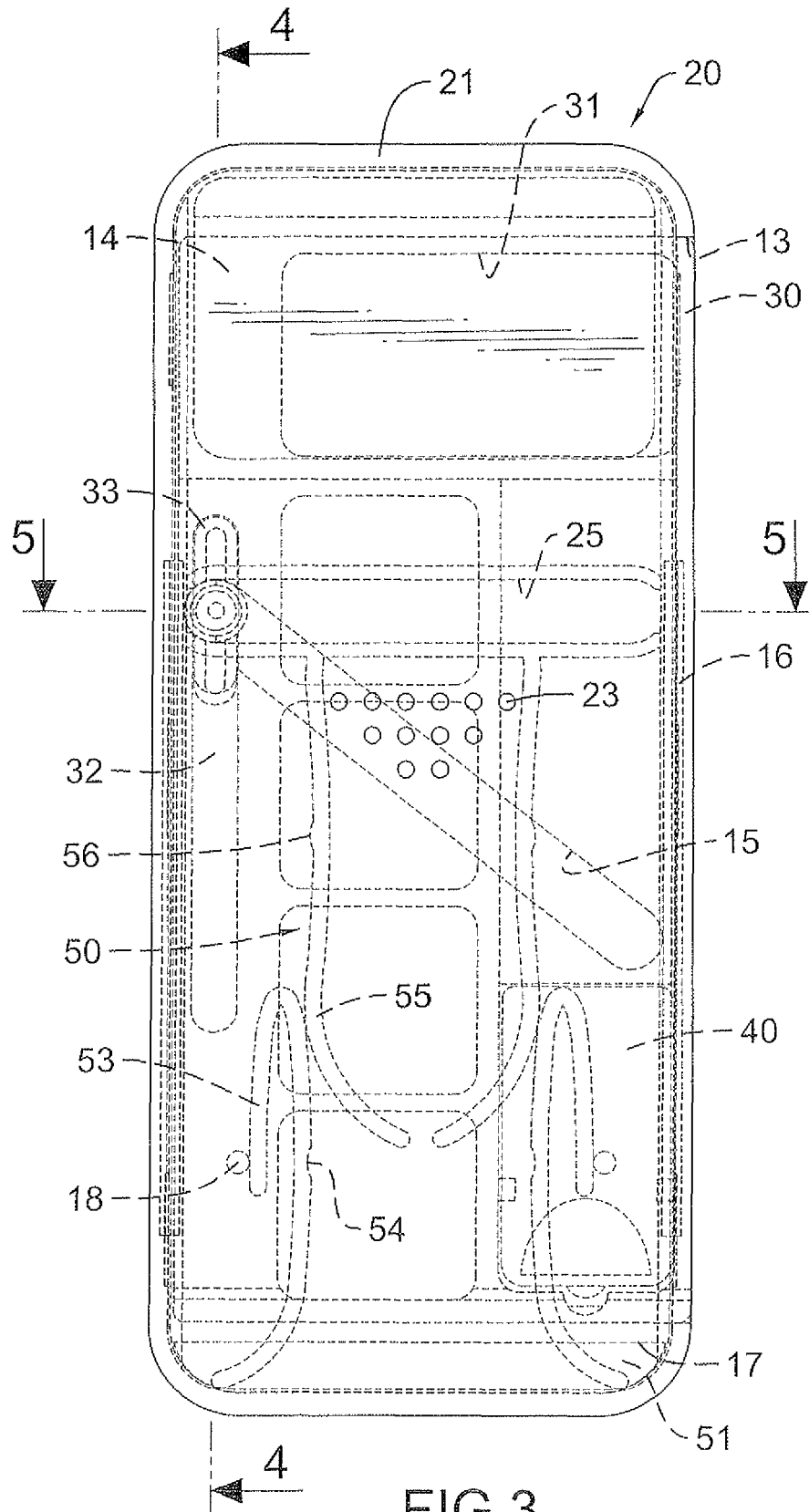


FIG.3



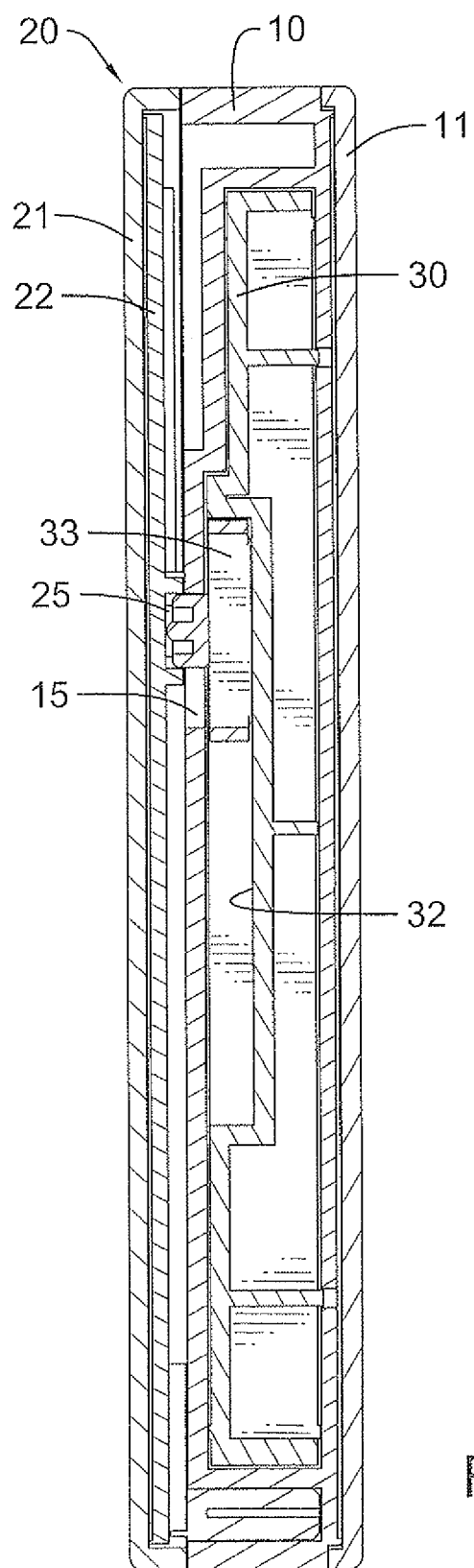


FIG.4

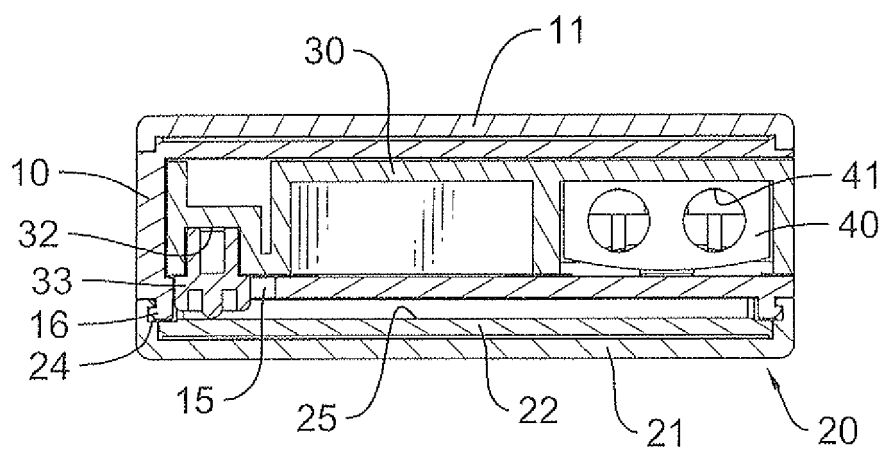
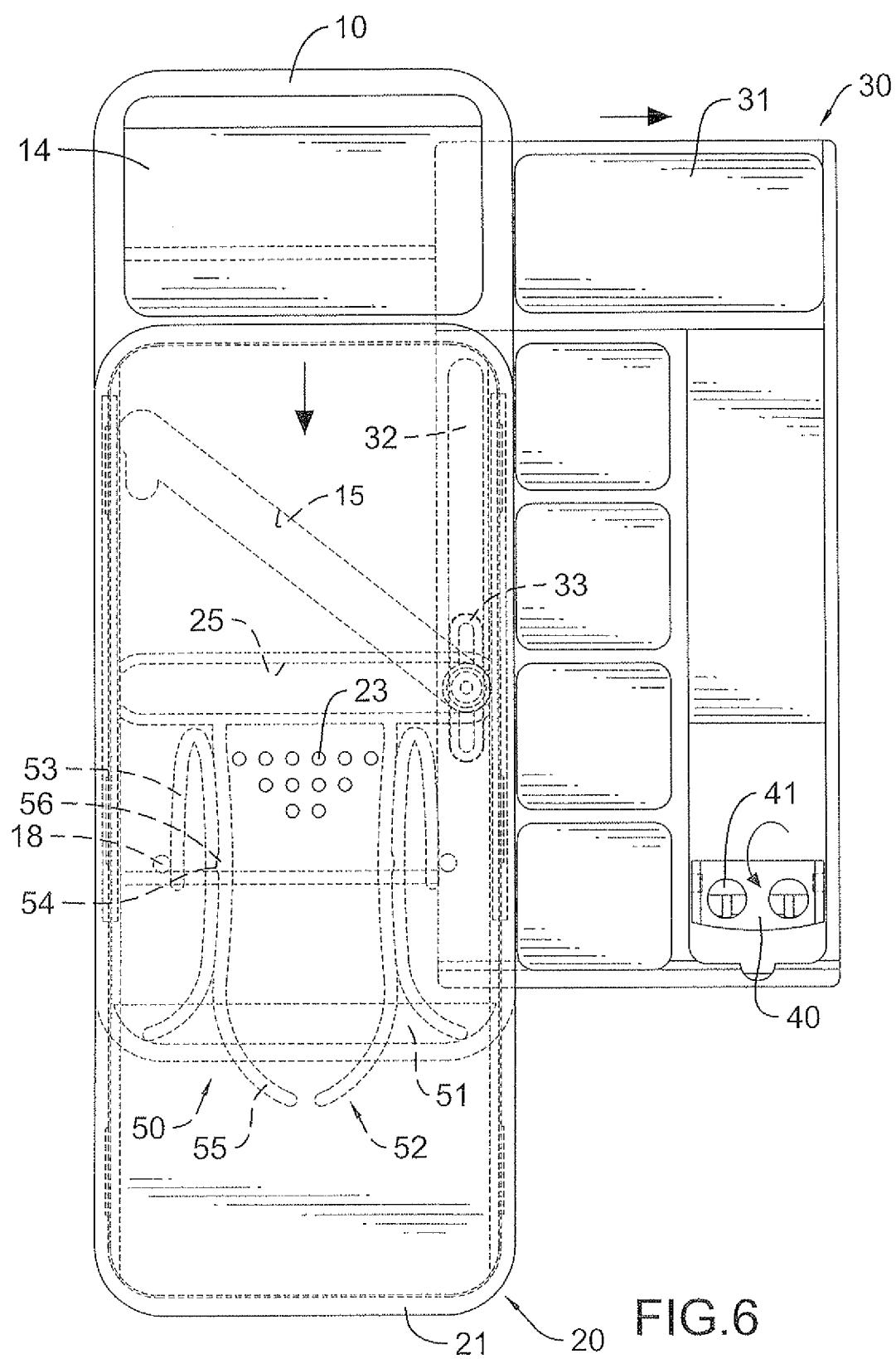


FIG.5





## EUROPEAN SEARCH REPORT

Application Number  
EP 09 15 8985

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 23 April 2010	Examiner Acerbis, Giorgio
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons</p> <p>&amp; : member of the same patent family, corresponding document</p>			

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EPO FORM 1503 03/02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 09 15 8985

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
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23-04-2010

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