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(54) TRANSLUCENT COVER FOR ELECTRONIC DEVICES

(57) The purpose of this invention is a translucent cover for electronic devices provided with an impenetrable closure and whose main advantage is to serve as housing for electronic devices equipped with functionality for capturing images (cameras, mobile phones, tablets or the like) and, in turn, inhibiting the focus thereof, thereby avoiding violating certain rights acquired in public or private places.

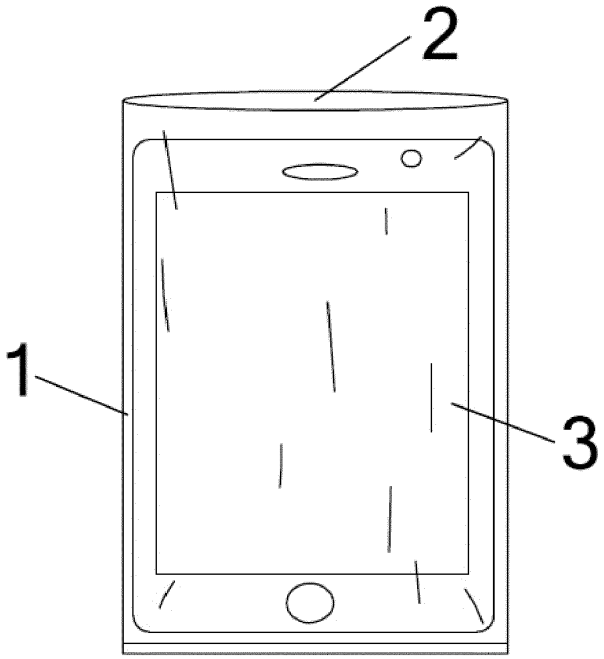

FIG.1

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Description

Object of the Invention

[0001] The purpose of this utility model is a translucent cover for electronic devices provided with an impenetrable closure and whose main advantage is to serve as housing for electronic devices equipped with functionality for capturing images (cameras, mobile phones, tablets or the like) and, in turn, inhibiting the focus thereof, thereby avoiding violating certain rights acquired in public or private places.

Background of the Invention

[0002] Currently, given the high increase in electronic devices that can take pictures or video clips, users of these devices can (both consciously and unconsciously) violate certain rights associated with public or private places or sites, intellectual property rights, etc.

[0003] This means that using such photographs or videos obtained without the relevant permission can lead to the decrease in financial benefits for the rightful owner of said rights, and in addition, it may also lead to a sanction for the user who took said photograph or video without being aware of the infringement.

[0004] Given the practical impossibility of preventing such devices from entering locations wherein, for example, elements that cannot be photographed, such as a museum or the like, it is necessary to look for solutions which, on the one hand, make it easy for the user not to take such photographs or videos, and on the other hand, that do not damage the electronic devices.

[0005] Many solutions are known for protecting elements or electronic devices, like a cover or the like, available in various sizes to protect the countless electronic devices that can take photographs or video clips, such as for example, mobile phones, tablets, laptops, cameras, etc. but said covers are not more than mere receptacles of the aforementioned devices, whose sole mission is to protect them from knocks or falls, dirt and/or damp that may affect said devices.

[0006] Similarly, there are other means of housing, like covers, cases or the like, that prevent communications between the electronic device and other elements, but said covers do not prevent the electronic device and its implicit functions from being used in any way, but only prevent further potential communication once the photograph or video has been taken.

[0007] Bags made in totally opaque materials that prevent photographs from being taken or videos from being made with the electronic device are also known, but have the major drawback of making it difficult to access and/or handle the other functions in the device, such as for example, making calls when using mobile phones.

[0008] Finally, solutions based on the use of adhesive strips that are placed on the target of the electronic device and which make it difficult to take photographs or videos or prevent them from being taken are known, but said solution has the drawback of leaving the remains of the adhesive on the target which subsequently prevents the camera of the device of being used normally, as in general, the remains of the adhesive are difficult to clean and/or remove.

Description of the Invention

[0009] The technical problem solved by the invention herein is to provide an element that serves as housing for an electronic device, like a mobile phone, tablet, camera or the like, which can inhibit the focus of the target when taking photographs or videos and which, in turn, can make it possible to handle the rest of the functions of said electronic device. To that end, the translucent cover for an electronic device, according to the present utility model is characterised by the fact it comprises a body that houses an electronic device, and wherein said body has a closure on the upper part thereof and which is characterised by the fact that said body is translucent.

[0010] Thanks to its special design, proper focus when taking a photograph or video can be prevented, thereby avoiding copyright violations or preventing photographs from being taken that may damage the photographed object, for example, paintings or archaeological remains.

[0011] Similarly, the cover disclosed herein is particularly useful, in those areas where it is necessary to control the electronic devices in a museum, cinema or a technology centre.

[0012] Finally, the cover disclosed herein, shall similarly serve as other solutions present in the state of the art, as a means for protecting against knocks, dirt and/or damp, therefore the integrity of the electronic device shall not be affected at any time. In addition, the cover or case can be housed where the device is usually housed, not being necessary to take out the device from the aforementioned cover or housing in order to be housed in the cover presented herein.

[0013] Throughout the description and claims the word "comprise" and its variants do not intend to exclude other technical characteristics, addends, components or steps. For persons skilled in the art, other objects, advantages and characteristics of the invention will emerge partly from the description and partly from implementing the invention. The following examples and drawings are provided by way of illustration and are not intended to limit the invention disclosed herein. Furthermore, the invention herein covers all possible combinations of particular and preferred embodiments set forth herein.

Brief description of the figures

[0014] Described very briefly hereinafter are a series of drawings that help to better understand the invention and which are expressly related to an embodiment of said invention that is presented as a non-limiting example thereof.

FIG 1. Shows a view of the translucent cover for electronic devices.

FIG 2. Shows a view of a first practical embodiment of the translucent cover for electronic devices, wherein the closure is formed by means of thermo-welding or ultrasound.

FIG 3. Shows a view of a second practical embodiment of the translucent cover for electronic devices, wherein the closure is formed by a flap which includes an adhesive strip.

FIG 4. Shows a view of a third practical embodiment of the translucent cover for electronic devices, wherein the closure is formed by a flap which includes a self-adhesive strip.

FIG 5. Shows a view of a fourth practical embodiment of the translucent cover for electronic devices, wherein the closure is formed by a tubular element and a tying tape.

FIG 6. Shows a view of a fifth practical embodiment of the translucent cover for electronic devices, wherein the closure is formed by a tubular element, a tying tape and a strip or seal.

FIG 7. Shows a view of a sixth practical embodiment of the translucent cover for electronic devices, wherein the closure is formed by a plurality of adhesive strips or tapes.

FIG 8. Shows a second view of a fifth practical embodiment of the translucent cover for electronic devices.

Preferred embodiment of the Invention

[0015] A preferred embodiment of the invention is shown in the attached drawings. More specifically, the translucent cover for electronic devices, according to the description herein, which is characterised by the fact that it comprises (1) a translucent body wherein an electronic device is housed (3), and wherein said body (1) has a closure (2) on the upper part thereof.

[0016] In a preferred embodiment, the body (1) is embodied in polypropylene, polyethylene or a material with equivalent mechanical and optical characteristics.

[0017] The closure (2) in a first practical embodiment is formed by means of thermo-welding or ultrasound (2a), as shown in figure 2.

[0018] In a second practical embodiment, the closure (2) is formed by a flap (1 a) integrally joined to the body (1), and wherein said flap (1a) incorporates a self-adhesive strip (2b), as shown in figure 3. In a third embodiment, the flap (1 a) incorporates a self-adhesive strip (2c), as shown in figure 4.

[0019] In a fourth embodiment, the closure (2) is formed by a tubular element (2d) incorporating a tape (2e) for closure, as shown in figure 5. In a fifth practical embodiment, it shall also include a strip or seal (2f), as shown in figures 6 and 8.

[0020] In a sixth practical embodiment, the closure (2) is formed by a plurality of self-adhesive strips or tapes (2b), and it can be seen that a strap arranged on the electronic device (3), can be left outside the body (1) if desired, so as to facilitate handling and/or transportation, as shown in figure 7.

[0021] In a particular embodiment, the body (1) shall have a plurality of micro-perforations to prevent internal combustion, which could end up damaging the electronic device (2) housed inside the body.

[0022] Similarly, the body (1) may have a number of matching openings coinciding with the connection and/or charge components of the electronic device (3) to facilitate the connection of external components to the device (3) such as headphones or the like, or simply to connect a means for charging the battery of the device (3).

[0023] In a particular embodiment, illustrated by way of non-limiting example, the body (1) may externally present a number of elements engraved on the surface, by means of screen-printing, thermo-etching or the like.

Claims

1. Translucent cover for electronic devices of the type which comprises a body (1) which houses an electronic device (3) and wherein said body (1) has a closure on the upper part thereof (2) and which is **characterised by** the fact that said body (1) is translucent.

2. Translucent cover according to claim 1 wherein the body (1) is embodied in polypropylene.

3. Translucent cover according to claim 1 wherein the body (1) is embodied in polyethylene.

4. Translucent cover according to any of the claims 1-3 wherein the closure (2) is formed by means of thermo-welding or ultrasound (2a).

5. Translucent cover according to any of the claims 1-4 wherein the closure (2) is formed by a flap (1a) integrally affixed to the body (1), and wherein said flap (1a) incorporates a self-adhesive strip (2b).

6. Translucent cover according to any of the claims 1-5 wherein the closure (2) is formed by a flap (1a) integrally affixed to the body (1), and wherein said flap (1a) incorporates a self-adhesive strip (2c).

7. Translucent cover according to any of the claims 1-6 wherein the closure (2) is formed by a tubular component (2d) which incorporates a tape (2e) for closure thereof.

7. Translucent cover according to claim 7 wherein the closure (2) incorporates a strip or seal (2f).

8. Cover according to any of the claims 1-7 wherein

the closure (2) is formed by a plurality of self-adhesive strips or tapes (2a).

9. Cover according to any of the claims 1-8 wherein the body (1) has a plurality of micro-perforations that prevent internal condensation in the body (1).

10. Cover according to any of the claims 1-9 wherein the body (1) has a number of openings, coincident with the connection and/or charge components in the electronic device (3).

11. Cover according to any of the claims 1-10 wherein the body (1) externally incorporates a number of engravings, by means of screen-printing, thermo-etching or the like (2a).

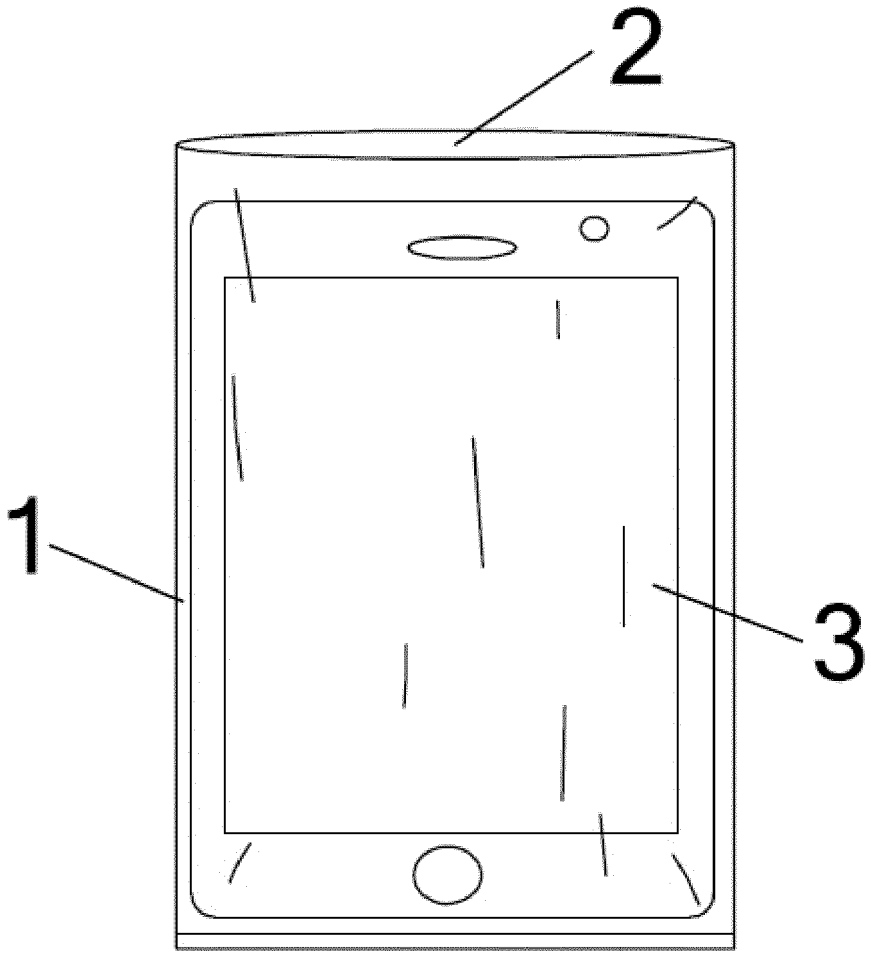

FIG.1

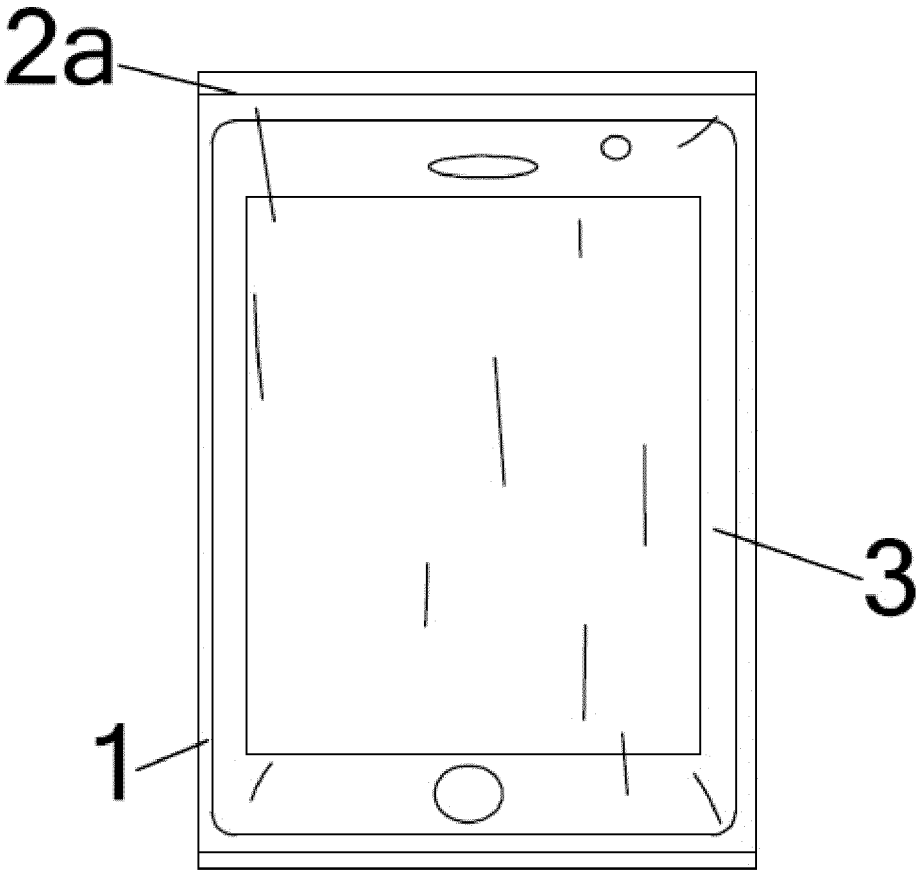

FIG.2

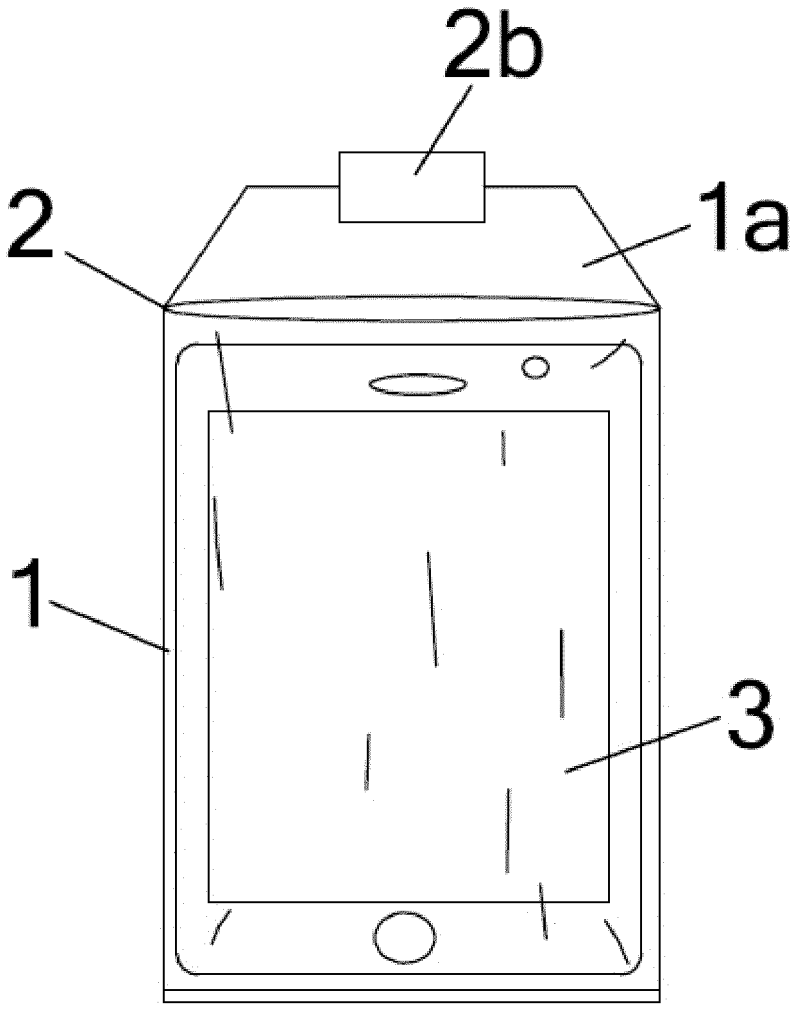

FIG.3

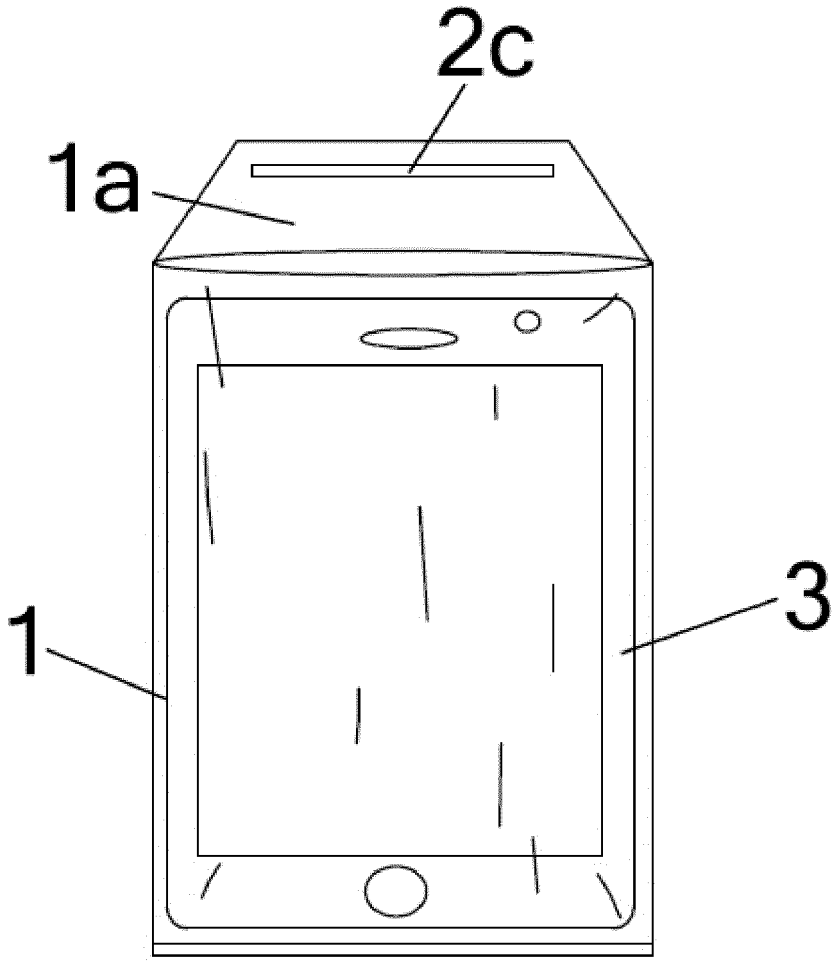

FIG.4

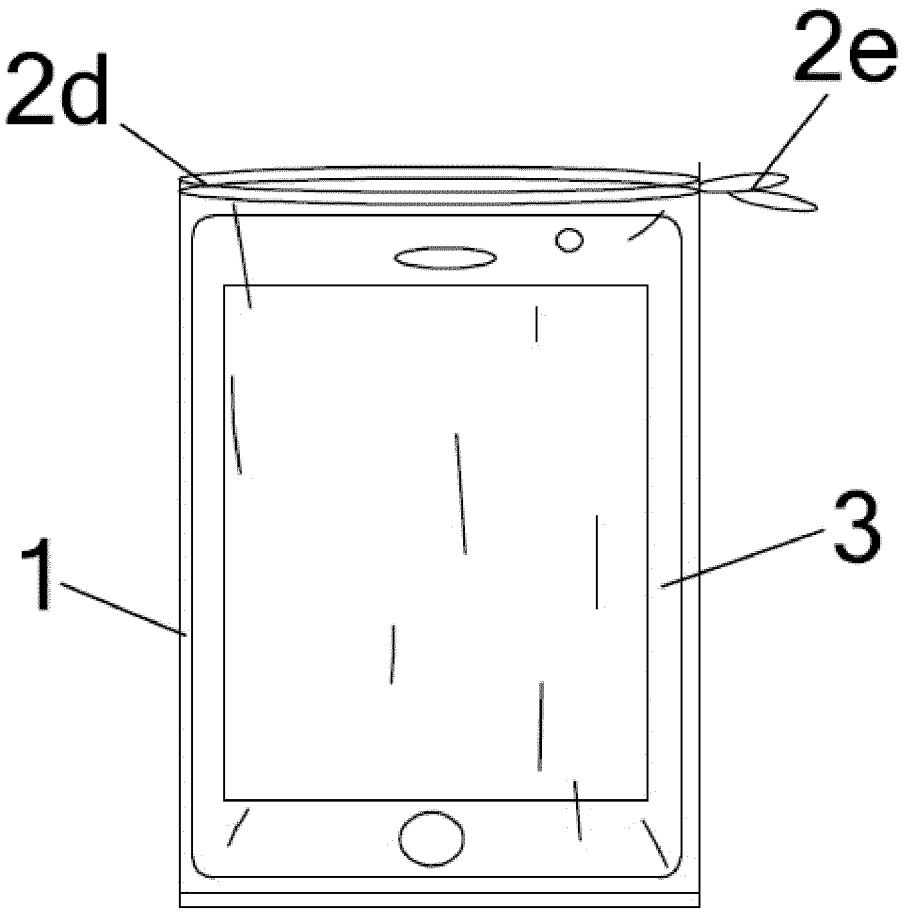

FIG.5

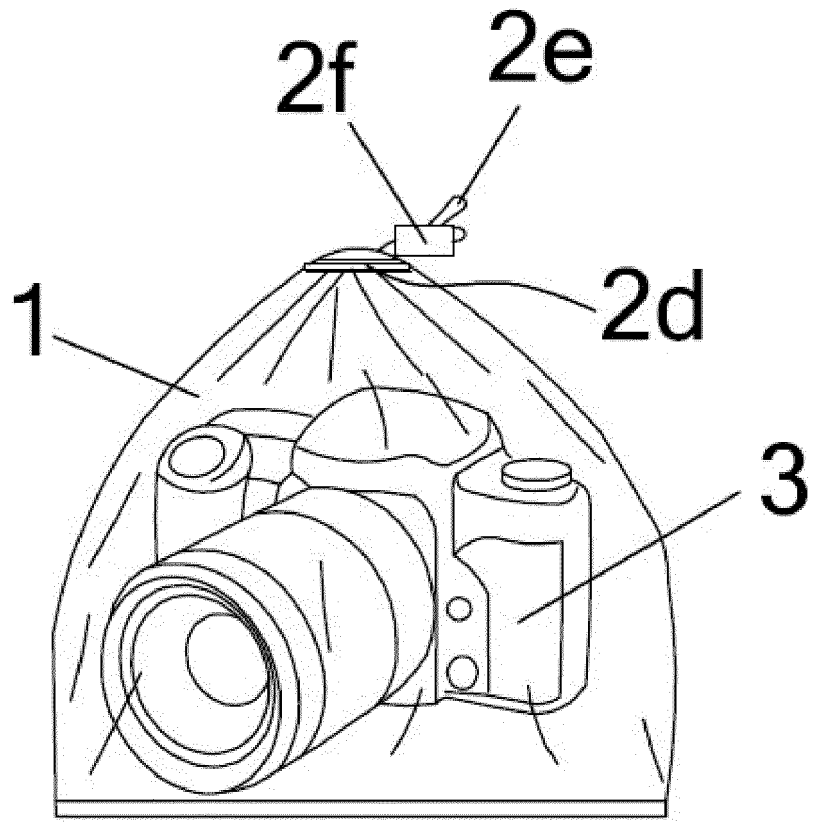

FIG.6

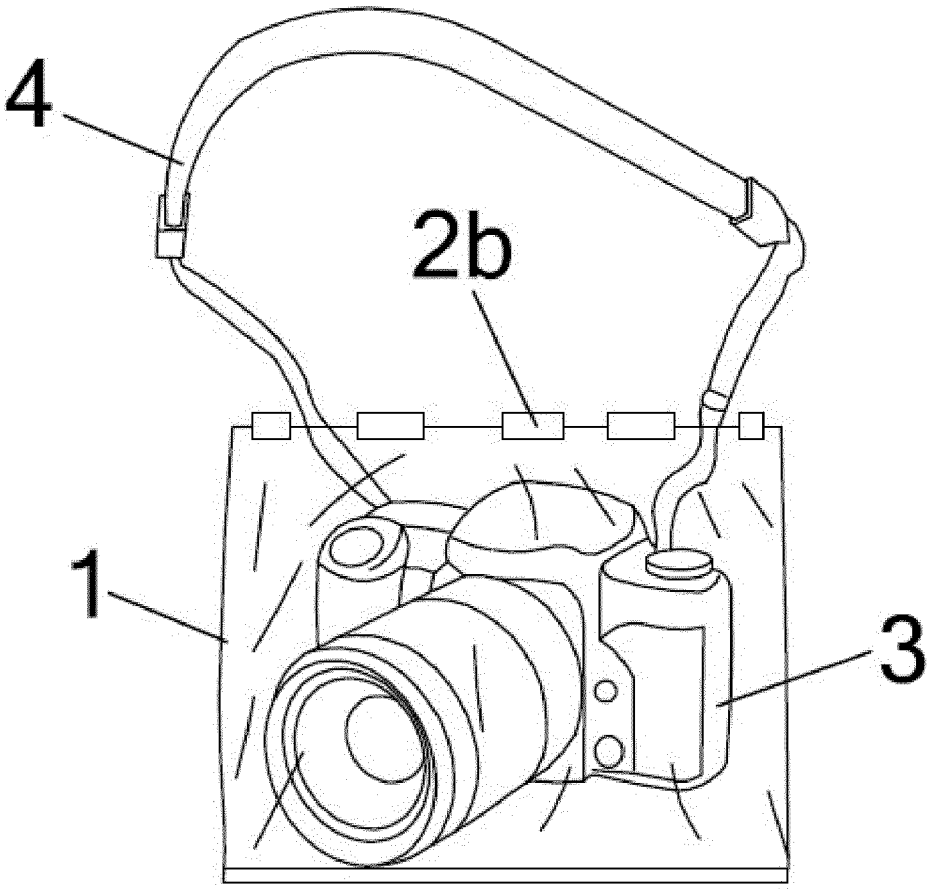

FIG.7

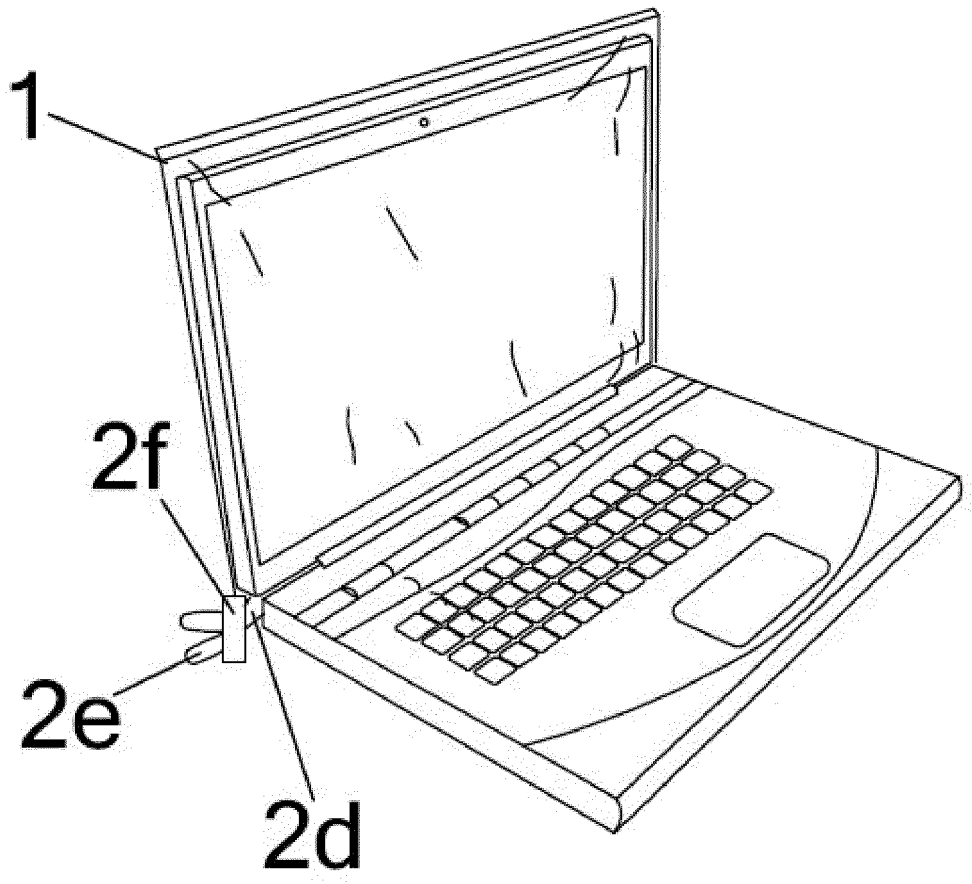

FIG.8

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EUROPEAN SEARCH REPORT

Application Number
EP 15 18 1065

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2012/008880 A1 (TOTH LANDY [US]) 12 January 2012 (2012-01-12) * paragraph [0015] - paragraph [0156]; figures 1-7B *	1-11	INV. A45C11/00
X	JP 2001 340120 A (OBITSU SEISAKUSHO KK) 11 December 2001 (2001-12-11) * paragraph [0023] - paragraph [0091]; figure 1 *	1-11	
X	US 2007/215663 A1 (CHONGSON IAN S [US] ET AL) 20 September 2007 (2007-09-20) * paragraph [0017] - paragraph [0065]; figures 1-7 *	1-11	
X	JP 2 845820 B2 (KITAGAWA IND CO LTD) 13 January 1999 (1999-01-13) * paragraph [0020] - paragraph [0037]; figures 1-3 *	1-11	

TECHNICAL FIELDS SEARCHED (IPC)

A45C

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	18 January 2016	Ehrsam, Sabine

CATEGORY OF CITED DOCUMENTS

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 15 18 1065

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18-01-2016

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2012008880 A1	12-01-2012	NONE	
JP 2001340120 A	11-12-2001	NONE	
US 2007215663 A1	20-09-2007	US 2007215663 A1	20-09-2007
		WO 2007109078 A2	27-09-2007
JP 2845820 B2	13-01-1999	JP 2845820 B2	13-01-1999
		JP H1023913 A	27-01-1998

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