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(54) **CAP HAVING INCORPORATED GLASSES**

(57) Cap having incorporated glasses, particularly, a cap of the type that comprises an approximately semi-spherical body (2) with a visor (3) of a rigid character on its anterior portion, characterized in that in the lower portion of said visor (3) and coupled by means of a hinged

fastening element (4), it incorporates a pair of glasses (5) which, due to said hinged fastening element (4) has two possible positions: a position of use, in which the glasses (5) are arranged vertically and perpendicularly to the visor (3)

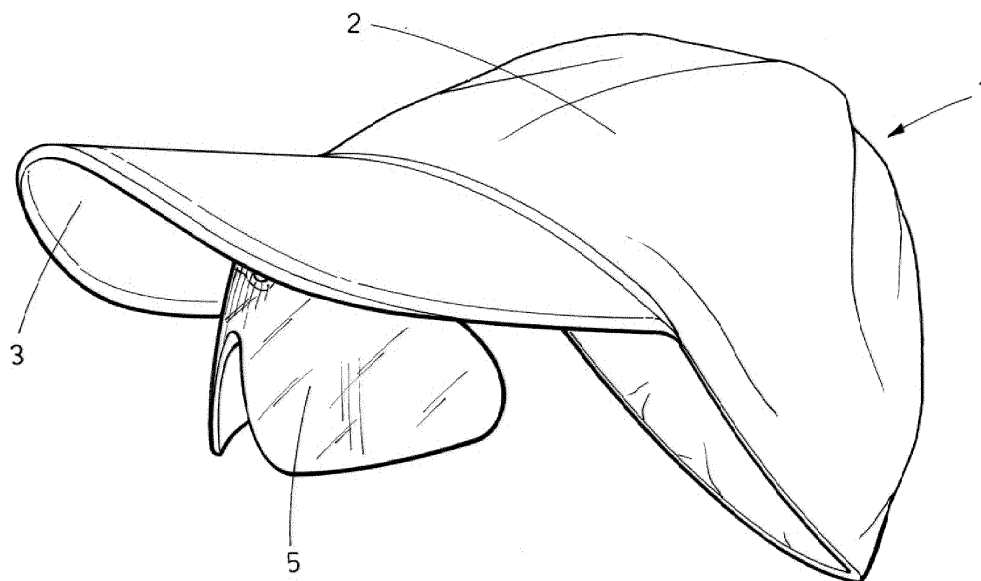


FIG.1

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Description**OBJECT OF THE INVENTION**

[0001] The invention, as exposed on the wording of the present specification, relates to a cap having incorporated glasses, imparting to the function it is intended to, several advantages and innovative characteristics, which will be described in detail below and which mean an improvement of the current state of the art.

APPLICATION FIELD OF THE INVENTION

[0002] The application field of the present invention is framed within the industrial sector dedicated to manufacturing caps, encompassing at the same time the industrial field dedicated to manufacturing glasses.

BACKGROUND OF THE INVENTION

[0003] Referring to the state of the art, it must be pointed out by the applicant that it is unknown the existence of any other invention presenting technical and structural characteristics similar to the ones presented by the cap herein recommended, being the characterizing details suitably included in the final claims accompanying the present specification thereof.

EXPLANATION OF THE INVENTION

[0004] Specifically, what the invention proposes is a cap, particularly a cap of the ones made up by a semi-spherical skullcap and rigid visor, which can be made of fabric, leather or other suitable material, in whose anterior portion, exactly under said visor, it incorporates a pair of sunglasses, which is coupled to the cap by means of a hinged support which, advantageously, allows for placing it in two positions: an open or use position in which the glasses are arranged perpendicularly to the visor and, therefore, covering the eyes of the cap's user; and a folded position in which the glasses are attached under the visor.

[0005] Thus, the cap provides the advantage of incorporating the glasses without need to have both objects separately.

[0006] Furthermore, another of the advantages provided by the cap of the invention is the fact that, being the glasses secured in the lower portion of the visor, these have no arms to be inserted over the ears so as to hold the glasses, which, in conventional glasses tends to be a drawback when at the same time it is desired to wear a cap, since these arms, generally, interfere or coincide with the sides of the cap.

[0007] In any case, it is obvious the functionality of the cap having incorporated glasses recommended by the invention, which represents an structure with so far unknown characteristics, reasons which in combination with its practical utility, provide it with enough basis to

obtain the exclusivity privilege which is applied for.

DESCRIPTION OF THE DRAWINGS

[0008] In order to complement the description being fulfilled of the cap of the invention and with the aim of helping to a better understanding of the characteristics characterizing it, the present specification is accompanied, as an integral part thereof, by a set of plans, in which by way of illustration and not of limitation, is represented the following:

Figure number 1.- Shows a side perspective view of an example of embodiment of the cap having incorporated glasses object of the invention, being appreciated on it the portions and elements it comprises as well as the configuration and arrangement thereof.

Figure number 2.- Shows a front perspective view of the example of the cap having incorporated glasses according to the invention shown in the previous figure, in this case represented with the glasses in folded position.

Figure number 3.- Shows a front perspective view of the glasses incorporated by the cap of the invention, being appreciated on it the hinged fastening element which links them to the lower part of the visor.

PREFERRED EMBODIMENT OF THE INVENTION

[0009] In light of the mentioned figures, and according to the numbering taken, it can be seen on them an example of the preferred embodiment, which comprises the parts and elements indicated and described in detail below.

[0010] Thus, as can be seen in said figures, the cap (1) in question, is a cap of the type comprising an approximately semi-spherical body (2) with a visor (3) of rigid character on its anterior portion, which presents the particularity of incorporating, on its lower portion and coupled by means of a hinged fastening element (4), a pair of glasses (5), which, due to said hinged fastening element (4) presents two possible positions: a position of use (figure 1), in which the glasses (5) are arranged vertically and perpendicularly to the visor (3); and a position not of use (figure 2), in which the glasses (5) are horizontally and attached under the visor (3).

[0011] As can be seen in figure 3, the glasses (5), preferably, are made up by a single-piece body, of transparent material and armless, being preferably dyed and having sunscreen properties.

[0012] Having sufficiently described the nature of the present invention, as well as a way of putting it into practice, it is not considered necessary to make a more extensive explanation in order that any expert in this area will understand its scope and the advantages that can

be derived from it, making known that, within reason it could be put into practice in other embodiments differing in detail from that indicated by way of example, and which will obtain the same degree of protection, provided that they do not alter, change, or modify its fundamental principle. 5

Claims

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1. CAP HAVING INCORPORATED GLASSES, particularly a cap of the type comprising an approximately semi-spherical body (2) with a visor (3) of rigid character on its anterior portion, **characterized in that**, on the lower part of said visor (3) and coupled by means of a hinged fastening element (4), it incorporates a pair of glasses (5) which, due to said hinged fastening element (4) presents two possible positions: a position of use in which the glasses (5) are arranged vertically and perpendicularly to the visor (3); and a position not of use, in which the glasses (5) are horizontally and attached under the visor (3). 15 20
2. CAP HAVING INCORPORATED GLASSES, according to claim 1, **characterized in that** the glasses (5) are made up by a single-piece body, of transparent material and armless. 25
3. CAP HAVING INCORPORATED GLASSES, according to claim 2, **characterized in that** the glasses (5) are made of transparent material which is dyed and has sunscreen properties. 30

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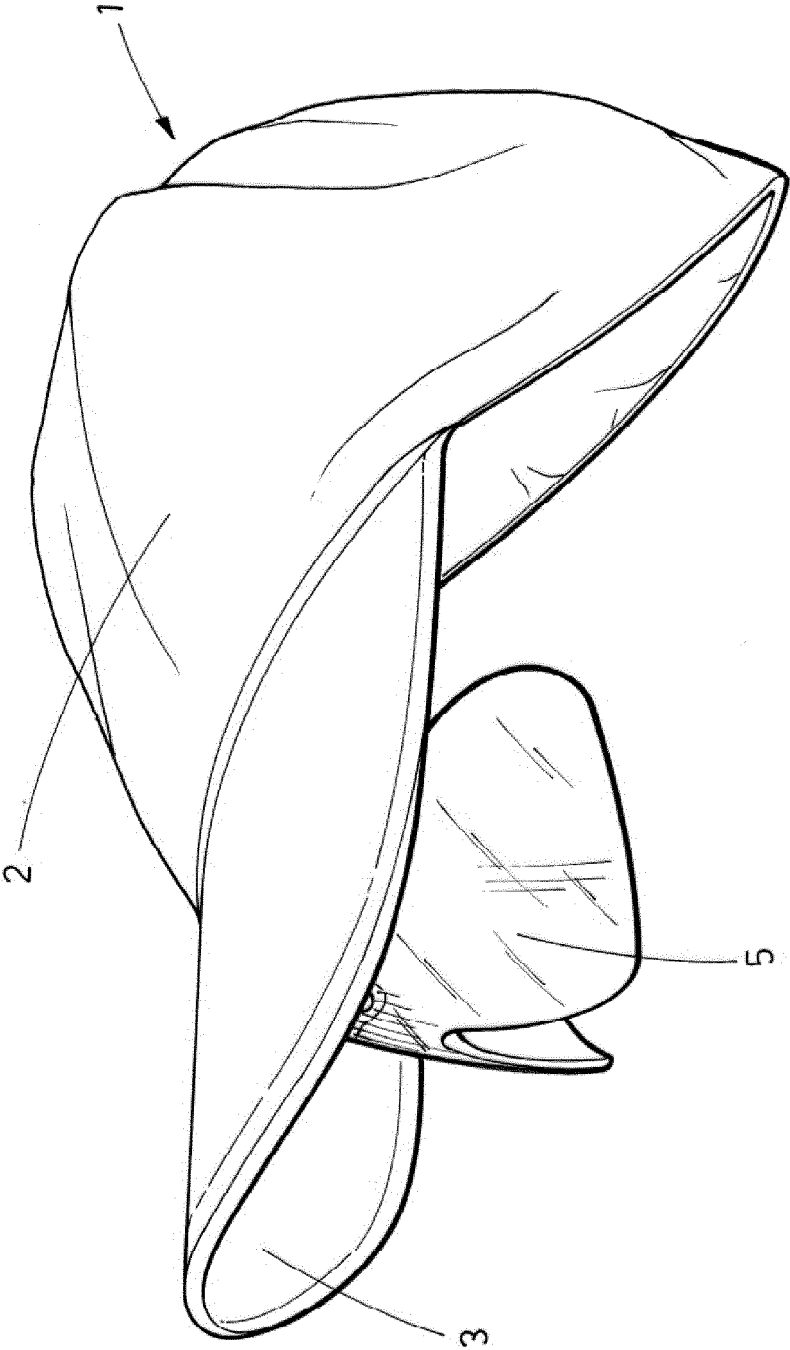


FIG.1

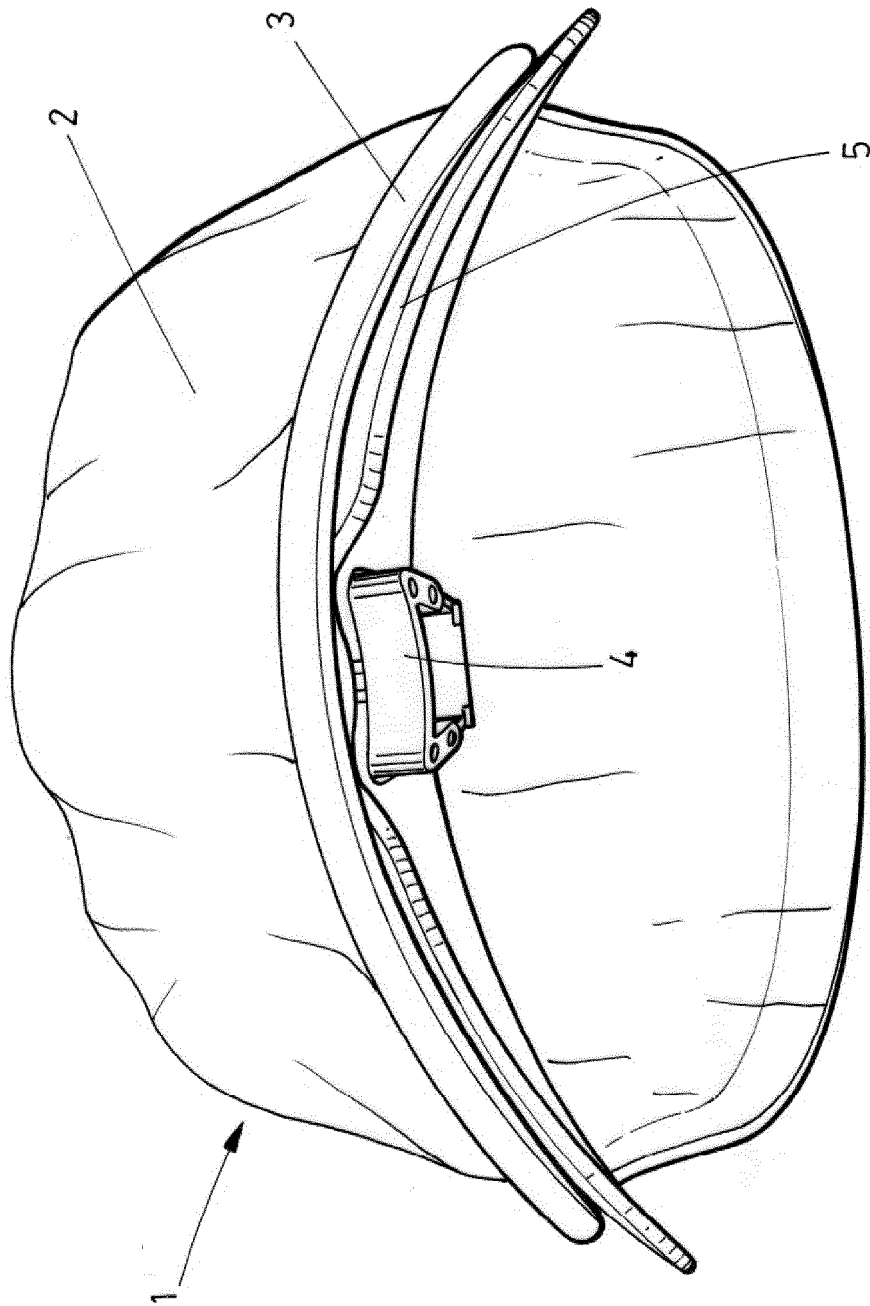


FIG.2

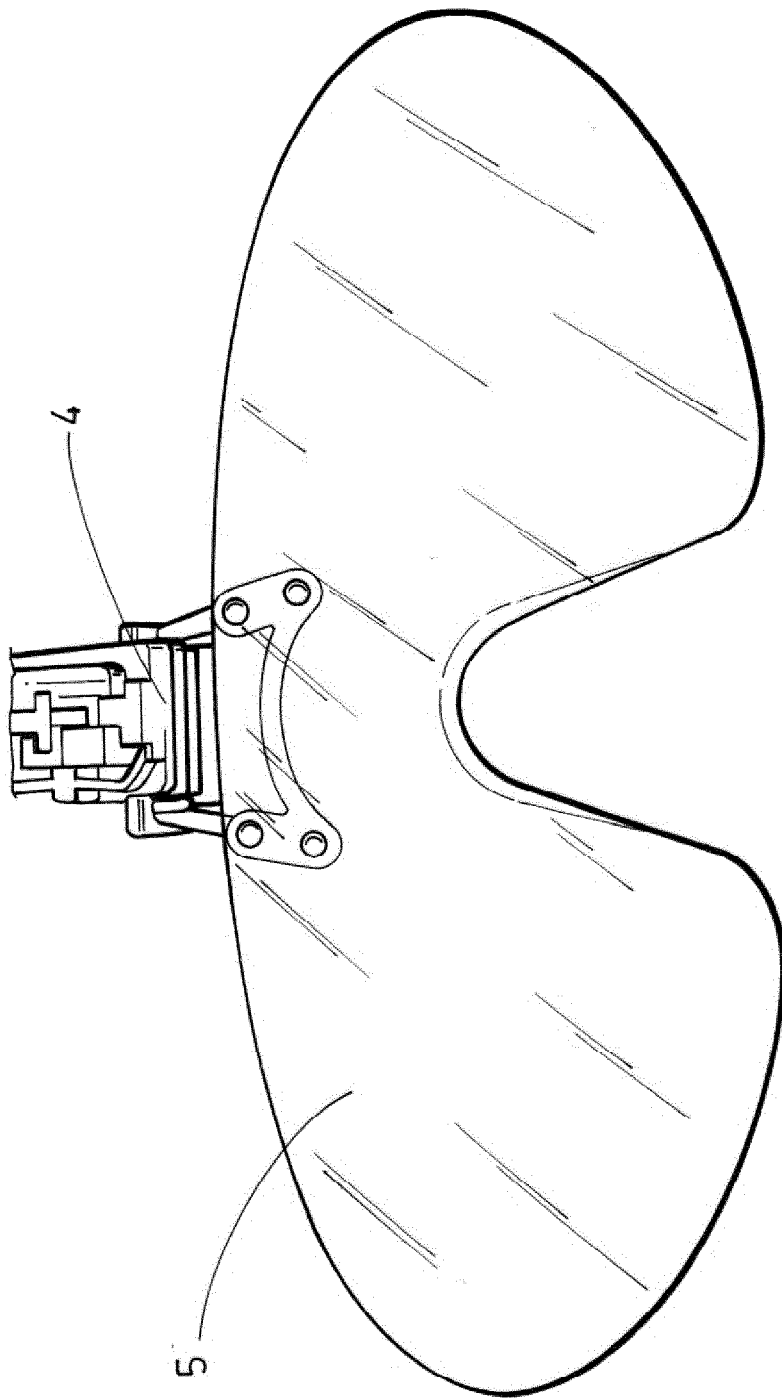


FIG.3

INTERNATIONAL SEARCH REPORT

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5	A. CLASSIFICATION OF SUBJECT MATTER		
	A42B1/24 (2006.01)		
	According to International Patent Classification (IPC) or to both national classification and IPC		
10	B. FIELDS SEARCHED		
	Minimum documentation searched (classification system followed by classification symbols) A42B		
	Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
15	Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EPODOC, INVENES, WPI		
	C. DOCUMENTS CONSIDERED TO BE RELEVANT		
20	Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
25	X	US 5261124 A (DAY SHENG-TONG) 16/11/1993, column 1, line 34 - column 2, line 40; figures	1-3
	X	US 2005078273 A1 (HOLM BARENT) 14/04/2005, paragraphs 17-34; figures	1-3
30	X	US 5987640 A (RYDER CURTIS J) 23/11/1999, column 5, line 25 - column 9, line 15; figures	1-3
	X	US 5687420 A (CHONG TYLER O) 18/11/1997, column 2, line 3 - column 3, line 27; figures	1-3
35	X	US 5689827 A (RYDER CURTIS J) 25/11/1997, column 3, line 8 - column 7, line 15, figures	1-2
40	☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.		
45	* Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "A" document defining the general state of the art which is not considered to be of particular relevance. "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure use, exhibition, or other means. "P" document published prior to the international filing date but later than the priority date claimed "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
50	Date of the actual completion of the international search 30/07/2012		Date of mailing of the international search report (30/08/2012)
55	Name and mailing address of the ISA/ OFICINA ESPAÑOLA DE PATENTES Y MARCAS Paseo de la Castellana, 75 - 28071 Madrid (España) Facsimile No.: 91 349 53 04		Authorized officer Belda Soriano, Leopoldo Telephone No. 91 3495585

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/ES2012/070454

C (continuation).	DOCUMENTS CONSIDERED TO BE RELEVANT	
Category *	Citation of documents, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2337443 A (BATEMAN ERNEST) 24/11/1999, the whole document	1-3
X	US 7207673 B1 (HO ALEX) 24/04/2007, column 2, line 19 - column 3, line 39; figures	1-3

Form PCT/ISA/210 (continuation of second sheet) (July 2009)

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International application No.

PCT/ES2012/070454

Information on patent family members

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US5687420 A	18.11.1997	NONE	
US5689827 A	25.11.1997	NONE	
GB2337443 A	24.11.1999	NONE	
US7207673 B	24.04.2007	NONE	

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