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(54) **Carrying case**

(57) A carrying-case has a carrying-case main body (1) for accommodating the electronic product and two shoulder straps (2) suspended at the left and right sides of the carrying-case main body. A binding belt (3) is disposed at the inner side of the rear surface of the carrying-case main body to fix the electronic product. The front surface (11) of the carrying-case main body is joined to the left surface (13) and the right surface (14) by zippers (4). The top surface (16) of the carrying-case main body extends from the front surface (11) and is bent in one piece to form a roll lid (161). Two traction straps are attached on the carrying-case main body from the joint portions between the front surface (11) and the top surface (16) to corresponding locations at the edges of the left surface (13) and the right surface (14), respectively. The carrying-case main body (1) is provided with interface ports (6,7) at any locations thereof.

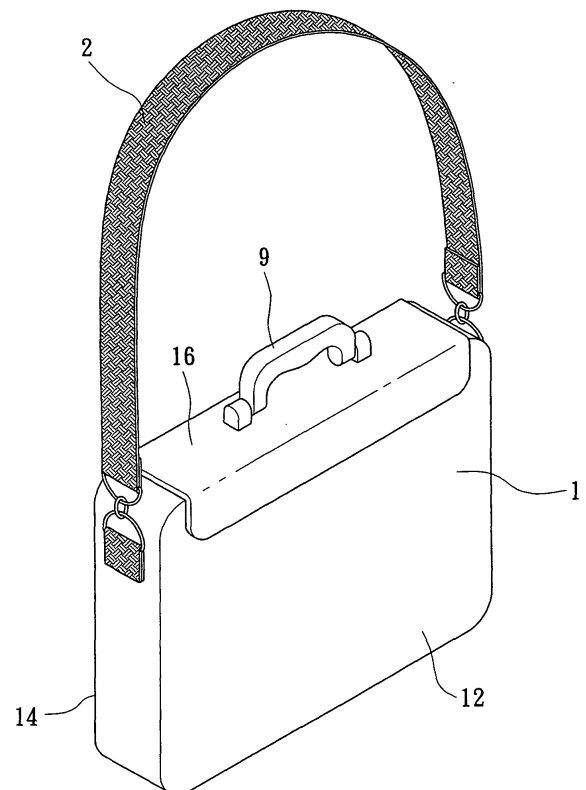


FIG. 1

Description

BACKGROUND OF THE INVENTION

1. Field of the Invention

[0001] The present invention is related to a carrying case for an electronic product, which is easily carried and contains essential wiring equipment.

2. Description of Related Art

[0002] Currently, in the structure of the conventional carrying case for an electronic product, a closed electronic product is stowed in a carrying case, such as a soft bag or safety belt, within an ordinary backpack. In such manner, when the electronic product is to be used, the carrying case is extracted from the backpack and then placed on a table. This arrangement is feasible when the carrying case for an electronic product is used in an office. However, if a person works outside the office, in a car or in a crowded public place, using this carrying case for an electronic product is very inconvenient. The electronic product once removed from the carrying case is easily damaged. In addition, no appropriate place is provided to put the backpack aside.

SUMMARY OF THE INVENTION

[0003] The object of the present invention is to provide a carrying case to overcome the technical defects in the art. In accordance with the carrying case of the present invention, various interfaces, game consoles, disc drives, discs, data lines and power cords, which are required for use of the electronic product, are accommodated within the carrying case main body. Since the USB HUB interface can be used with various data interfaces, the electronic product can be normally operated without being removed from the carrying case.

[0004] For achieving the object described above, the present invention provides a carrying case. The carrying case comprises a carrying case main body and a carrying device coupled to the carrying case main body. The carrying case main body comprises a vacant portion for accommodating an electronic product, and the carrying case main body is provided with an interface port at any suitable location thereon.

[0005] The improved carrying case provided by the present invention, when compared with other previous conventional technologies, has the following advantages:

1. The electronic product and the essential peripheral devices thereof are integrally disposed within the carrying case such that these component are not detached from the carrying case during use for optimum utility.
2. The arrangement of the components are reason-

able and enhance working efficiency.

BRIEF DESCRIPTION OF THE DRAWINGS

[0006] The above objects and advantages of the present invention will become more readily apparent to those ordinarily skilled in the art after reviewing the following detailed description and accompanying drawings, in which:

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Fig. 1 is a three-dimensional drawing showing a carrying case of the present invention;

Fig. 2 is a schematic view showing the carrying case with a single vacant portion according to the present invention, with the front lid open;

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Fig. 3 is a schematic view showing the carrying case with two vacant portions according to the present invention, with the front lid open; and

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Fig. 4 is a schematic view showing the carrying case of the present invention, with the rear lid open.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

[0007] The present invention will be described more specifically with reference to the following embodiments. It is to be noted that the following descriptions of preferred embodiments of this invention are presented herein for the purpose of illustration and description only; it is not intended to be exhaustive or to be limited to the precise form disclosed.

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[0008] Referring to Figs. 1 to 4, a carrying case for accommodating a game console according to an embodiment of the present invention is shown. The carrying case comprises a carrying case main body 1 and a shoulder strap 2. The carrying case main body 1 is defined by vertically enclosing a front surface 11, a rear surface 12, a left surface 13, a right surface 14, a bottom surface 15 and a top surface 16 so as to form a vacant portion 17 for accommodating a game console within the carrying case main body 1. The shoulder strap 2 is suspensibly coupled to the left and right sides of the carrying case main body 1. In addition, a handle 9 is coupled to the carrying case main body 1. The shoulder strap 2 and the handle 9 constitute a carrying device for easy carriage.

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[0009] At least one binding belt 3 is disposed at the inner side of the rear surface 12 of the carrying case main body 1. The binding belt 3 is composed of two buckle belts 31 parallel to each other and having a width sufficient to buckle the game console thereon. With the binding belt 3, the electronic product such as a game console can be firmly positioned in the carrying case main body 1. The front surface 11 is joined to the left surface 13 and the right surface 14 by zippers 4 such that the front surface 11 of the carrying case main body 1 is selectively opened or covered.

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[0010] The top surface 16 of the carrying case main body 1 extends from the front surface 11 and is bent in

one piece to form a roll lid 161, which is vertical to the front surface 11. Two traction straps 5 are attached on the carrying case main body 1 from the joint portions between the front surface 11 and the top surface 16 to corresponding locations at the edges of the left surface 13 and the right surface 14, thereby providing efficient traction when the front surface 11 is opened.

[0011] The bottom surface 15 of the carrying case main body 1 is provided with a power interface port 6 and a data interface port 7 for accommodating a power socket and a spare stacked lead wire, a game console interconnection interface, a USB interface or a USB HUB interface. The locations, amounts and shapes of the interface ports 6 and 7 are not limited and can be suitably varied as required. Alternatively, some desirable interface ports 19 may be disposed on the left surface 13, the right surface 14 or other surface in order to accommodate various interfaces or protruding other assembling elements.

[0012] A roll lid 151 extends from the bottom edge of the rear surface 12 of the carrying case main body 1 and is then bent vertically in one piece. The roll lid 151 can stay close to the bottom surface 15, and the edge thereof can be hasped with the lower end of the front surface 11. The roll lid 151 can be decorated. The roll lid 151 and the lower end of the front surface 11 are buckled together by using corresponding buckling elements 152 and 111 such as Velcro.

[0013] Optionally, the vacant portion 17 of the carrying case main body 1 for accommodating the game console can be separated into a first vacant portion 171 and a second vacant portion 172 for accommodating different articles by a partition plate 8 (as shown in Fig. 3). The binding belt 3 for fixing the game console is disposed at the outer side of the partition plate 8. The outer side of the front surface 11 of the carrying case main body 1 is provided with an additional vacant portion 20 for containing articles such as batteries. Furthermore, an interface port 21 is disposed at one side of the vacant portion 20.

[0014] The front surface 11 of the carrying case main body 1 is further provided with a pocket assembly 18. The pocket assembly 18 comprises the stacked pocket structure 181 and the stacked pocket structure 183. The stacked pocket structure 181 includes several layers of pockets separately arranged at the upper and timer side of the front surface 11 to contain optical discs. The stacked pocket structure 183 includes several layers of pockets separately arranged at the lower and inner side of the front surface 11 to contain articles. The upper stacked pocket structure 181 is separated from the lower stacked pocket structure 183 by an isolation belt 182.

[0015] When the carrying case of the present invention is used, the zippers 4 at the left and right sides are pulled open. Then, electricity is introduced via the stacked lead wire plugged in the power socket of the power interface port 6 at the lower end of the carrying case main body 1. The connecting rod of the game console is connected to another interface port 7, and the user can start to play. When the game playing is stopped, the connecting rod

of the game console is placed in the carrying case and then the zippers 4 at the left and right sides are gathered up.

[0016] The mouth-shaped interface ports 6, 7, 19 and 21 disposed on the carrying case main body 1 of the present invention are capable of accommodating various interfaces, the connecting rod of the game console, the disc drive, the discs, the data lines and power cords, which are required for use of the electronic product, within the carrying case main body 1. Since the USB HUB interface can be used with various data interfaces, the electronic product can be normally operated without being removed from the carrying case.

[0017] While the invention has been described in terms of what is presently considered to be the most practical and preferred embodiments, it is to be understood that the invention needs not be limited to the disclosed embodiment. On the contrary, it is intended to cover various modifications and similar arrangements included within the spirit and scope of the appended claims which are to be accorded with the broadest interpretation so as to encompass all such modifications and similar structures.

Claims

1. A carrying case comprising a carrying case main body and a carrying device coupled to said carrying case main body, said carrying case main body comprising a vacant portion for accommodating an electronic product, and said carrying case main body being provided with an interface port at any suitable location thereon.
2. The carrying case according to claim 1, wherein said carrying case main body is defined by vertically enclosing a front surface, a rear surface, a left surface, a right surface, a bottom surface and a top surface.
3. The carrying case according to claim 2, wherein said top surface of said carrying case main body extends from said front surface and is bent in one piece to form a roll lid.
4. The carrying case according to claim 2, wherein said front surface of said carrying case main body is provided with a pocket assembly for containing articles.
5. The carrying case according to claim 4, wherein said pocket assembly comprises a stacked pocket structure including several layers of pockets separately arranged at the inner side of said front surface to contain articles.
6. The carrying case according to claim 2, wherein said front surface of said carrying case main body is joined to said left surface and said right surface by zippers.

7. The carrying case according to claim 1, wherein a binding belt is disposed at an inner side of said carrying case main body to fix said electronic product.
8. The carrying case according to claim 1, wherein a roll lid extends from the bottom edge of a corresponding surface where said interface port of said carrying case main body is disposed, and is bent vertically in one piece so as to stay close to said corresponding surface and be hasped with the lower end of an adjacent surface via a buckling element.
9. The carrying case according to claim 1, wherein said vacant portion of said carrying case main body for accommodating said electronic product is separated into two vacant portions for accommodating different articles by a partition plate, wherein a binding belt is disposed at an outer side of said partition plate to fix said electronic product.
10. The carrying case according to claim 1, wherein said interface ports of said carrying case main body accommodates a power socket, a game console interconnection interface, a spare stacked lead wire, a USB interface or a USB HUB interface.

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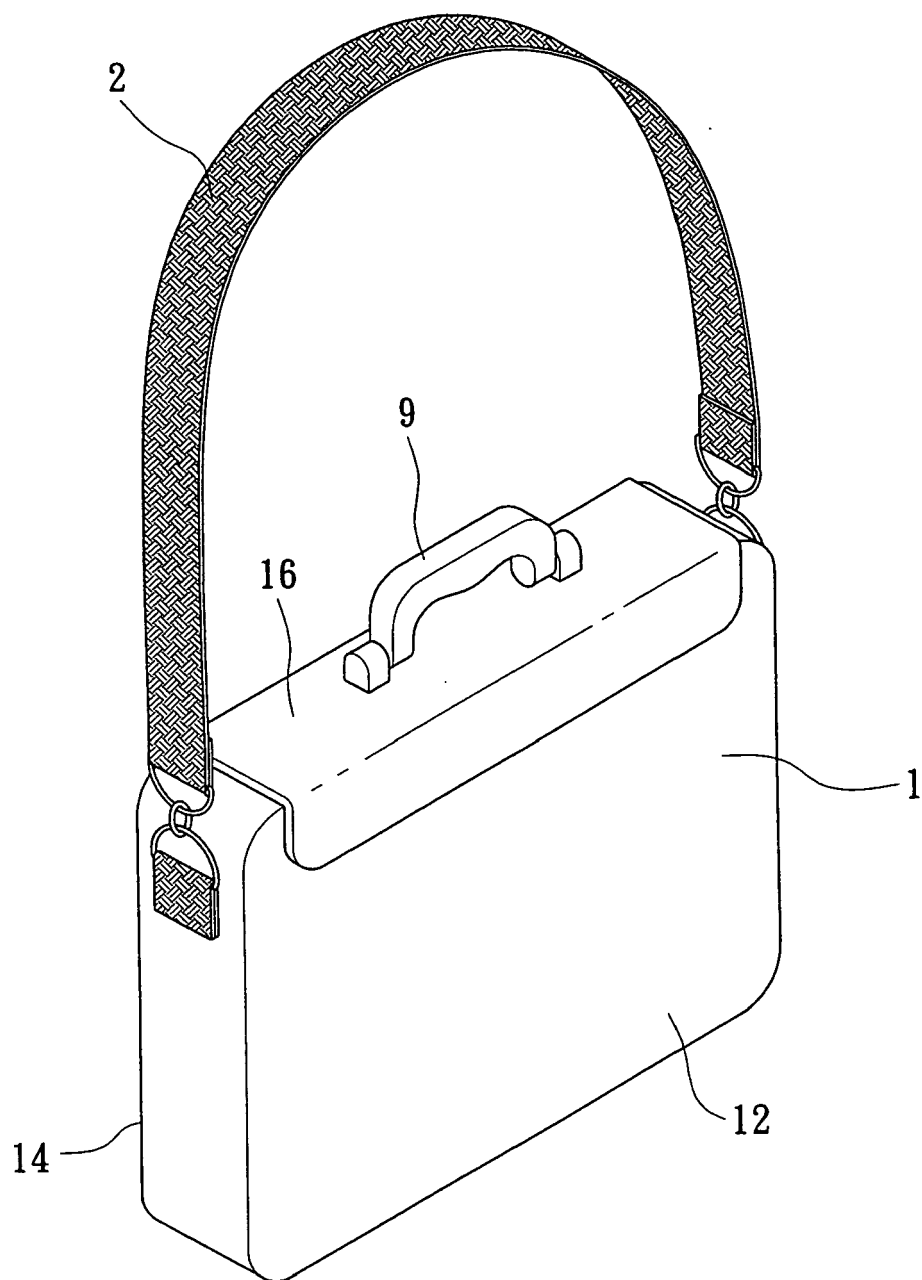
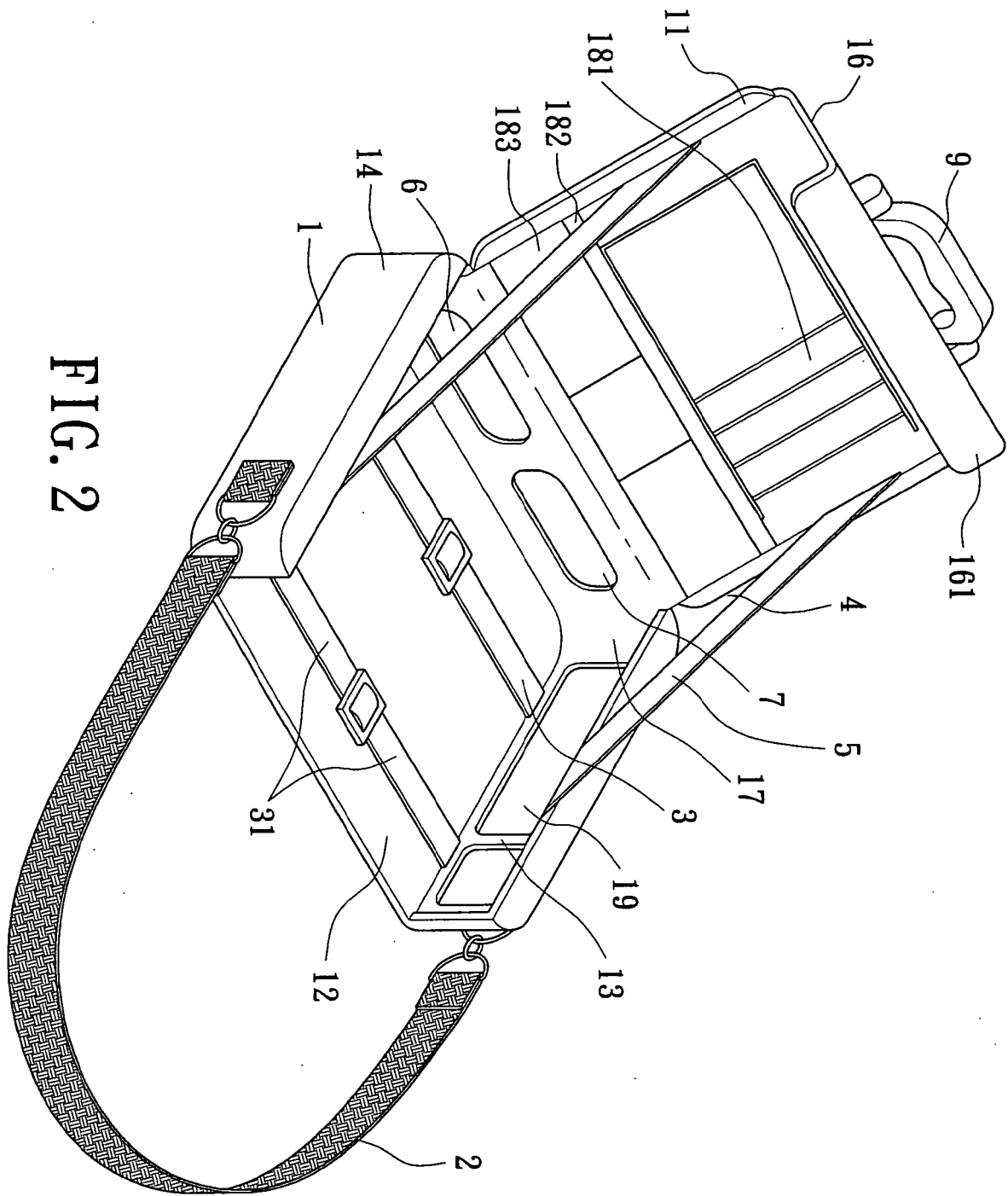


FIG. 1



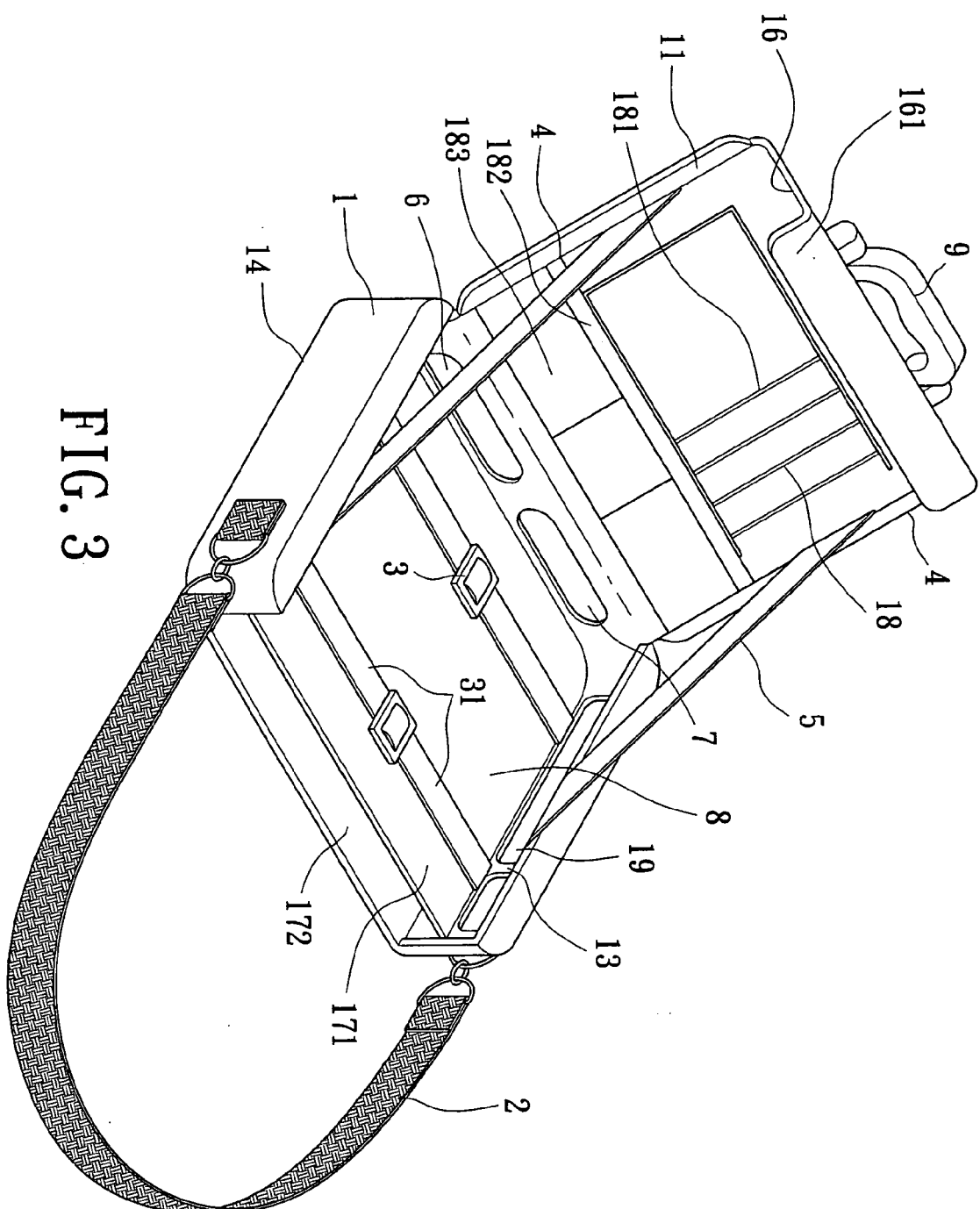


FIG. 3

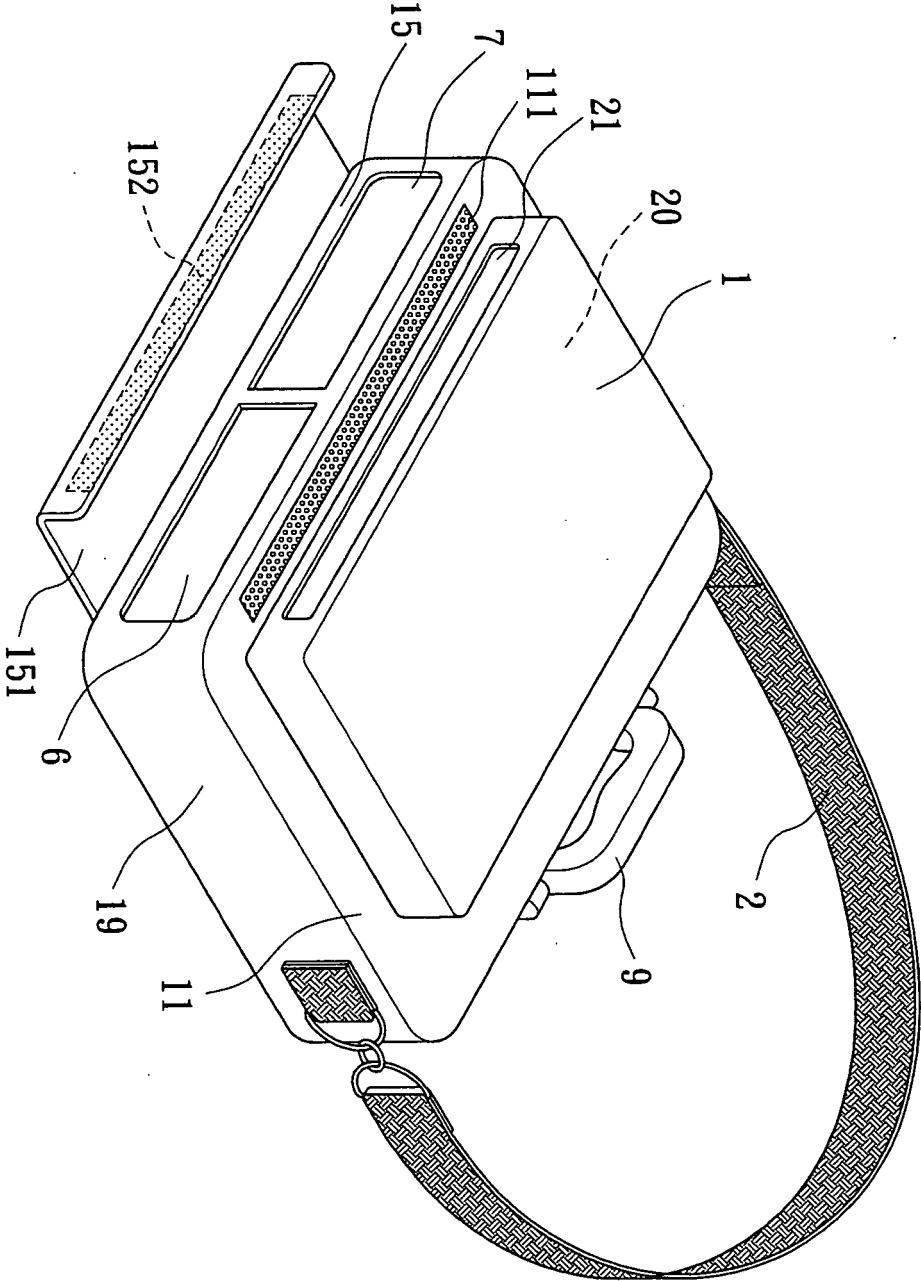


FIG. 4



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 04 03 0983

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Y	* paragraphs [0001], [0008], [0011] - [0016]; figures *	9	A45C13/02 A45C3/02
X	DE 298 21 711 U1 (XCOM BUSINESS COMPUTER CONSULTING GMBH, 64347 GRIESHEIM, DE) 25 February 1999 (1999-02-25)	1-3,9,10	
Y	* page 1, line 1 - line 5 * * page 2, line 23 - line 29 * * page 3, line 28 - line 29; claims; figures *	9	
X	WO 02/070373 A (SAMSONITE CORPORATION; DOMOTOR, AGNES, CSILLA) 12 September 2002 (2002-09-12)	1,2,4-6,10	
	* page 1, line 8 - line 11 * * page 2, line 8 - line 18; claims; figures *		
X	US 2004/066366 A1 (JUNG STEFAN ET AL) 8 April 2004 (2004-04-08)	1-6,10	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
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X	US 2003/038149 A1 (PURPURA WILLIAM J) 27 February 2003 (2003-02-27)	1,2,6,10	
	* paragraphs [0002], [0010] - [0013]; claims; figures *		
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 1 June 2005	Examiner Acerbis, G
CATEGORY OF CITED DOCUMENTS 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		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 & : member of the same patent family, corresponding document	

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EPO FORM 1503 03.02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 04 03 0983

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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