



(12) **EUROPEAN PATENT APPLICATION**

(43) Date of publication:
04.06.2003 Bulletin 2003/23

(51) Int Cl.7: **A47G 9/02, A47C 31/02**

(21) Application number: **01310093.8**

(22) Date of filing: **03.12.2001**

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR
 Designated Extension States:
AL LT LV MK RO SI

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(54) **Household textile environmental protection bag**

(57) A household textile environmental protection bag includes a textile bag body (10) with two surfaces (11, 12, 17), a fixed fastening piece (F1) fixed on one of the surfaces (11, 12, 17), and an article unit (C1, C2) with a fastening piece (F2, F4) that is connected removably to one of the fixed fastening piece (F1) and the movable fastening piece (F3). When the article unit (C1, C2) is removed from the bag body (10), the movable fasten-

ing piece (F3) can be connected removably to the fixed fastening piece (F1), thereby preventing the fixed fastening piece (F1) and the movable fastening piece (F3) from contact with a human body. The fastening pieces (F1, F2, F3, F4) may be hook fasteners, loop fasteners, or zipper halves. The article unit (C1, C2) may be a cover, a skirt unit of a bedspread, a dust ruffle, and a furniture shell, such as a back of a sofa and a headboard of a bed.

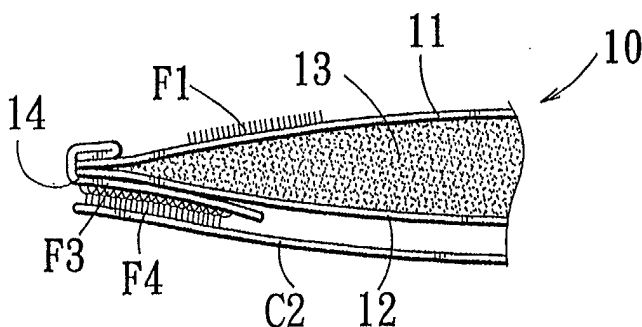


FIG.2

Description

[0001] This invention relates to a household textile environmental protection bag, and more particularly to a bag which includes a cover that is mounted removably on a side surface of a closable bag body and which can be applied to beds, quilts, pillows, sofas, sleeping bags, etc.

[0002] In a household textile product, such as a pillow, quilt, mattress, seat cushion and sleeping bag, there is provided a closable bag body that is filled with a soft material, a warmth keeping material (such as cotton, feather, down and chemical fiber) or a resilient supporting member (such as a sponge material and a plurality of coiled compression springs). Because the bag body is made of textile, it is easily stained due to frequent contact with a human body. Accordingly, it is usually necessary to wash the bag body. However, in case the bag body has a relatively large volume, it is difficult to wash the same. Normally, the bag body is disposed of when it is stained to a certain extent, thereby resulting in a serious environmental pollution problem. A pillow is normally enclosed with a pillowcase in order to solve this problem. Likewise, a quilt is normally enclosed with a quilt cover. However, because no positioning means are provided between the bag body and the pillowcase or the quilt cover, it is time-consuming to mount the bag body accurately within the pillowcase or the quilt cover.

[0003] An object of this invention is to provide a household textile environmental protection bag with textile articles that are mounted easily and removably on a textile bag body and that can be easily removed from the same for washing purposes.

[0004] According to this invention, a household textile environmental protection bag includes a textile bag body with two surfaces, a fixed fastening piece fixed on one of the surfaces, and an article unit with a fastening piece that is connected removably to one of the fixed fastening piece and the movable fastening piece. When the article unit is removed from the bag body, the movable fastening piece can be connected removably to the fixed fastening piece, thereby preventing the fixed fastening piece and the movable fastening piece from contact with a human body. The fastening pieces may be hook fasteners, loop fasteners, or zipper halves. The article unit may be a cover, a skirt unit of a bedspread, a dust ruffle, and a furniture shell, such as a back of a sofa and a headboard of a bed.

[0005] These and other features and advantages of this invention will become apparent in the following detailed description of the preferred embodiments of this invention, with reference to the accompanying drawings, in which:

Fig. 1 is an exploded perspective view of a first preferred embodiment of a household textile environmental protection bag according to this invention, which is applied to a duvet and which includes a

plurality of fastening pieces, that are constructed as hook fasteners and loop fasteners;

Fig. 2 is a fragmentary sectional view of the first preferred embodiment, in which a first primary textile cover is removed from a closable bag body;

Fig. 3 is a fragmentary sectional view of the first preferred embodiment, illustrating how a movable fastening piece is coupled with a fixed fastening piece when the first primary textile cover and a second primary textile cover are removed from the bag body;

Fig. 4 is a fragmentary sectional view of the first preferred embodiment, illustrating how the first primary textile cover and the second primary textile cover are attached to two opposite side surfaces of the bag body;

Fig. 5 is an exploded fragmentary perspective view, illustrating one modification of the first preferred embodiment, in which the fastening pieces are constructed as zipper halves;

Fig. 6 is a sectional view, illustrating another modification of the first preferred embodiment, in which a lace member, a secondary fastening piece and a secondary textile cover are added;

Fig. 7 is a fragmentary sectional view of a bag body of a second preferred embodiment of a household textile environmental protection bag according to this invention, which is applied to a first thick quilt;

Fig. 8 is a partly exploded perspective view of a third preferred embodiment of a household textile environmental protection bag according to this invention, which is applied to a sleeping bag;

Fig. 9 is an assembled perspective view of the third preferred embodiment;

Fig. 10 is a perspective view of a fourth preferred embodiment of a household textile environmental protection bag according to this invention, which is applied to a bedspread;

Fig. 11 is a fragmentary sectional view of the fourth preferred embodiment;

Fig. 12 is an exploded perspective view of a fifth preferred embodiment of a household textile environmental protection bag according to this invention, which is applied to a second thick quilt;

Fig. 13 is an exploded perspective view of a sixth preferred embodiment of a household textile environmental protection bag according to this invention, which is applied to a third thick quilt;

Fig. 14 is a fragmentary sectional view of the sixth preferred embodiment, in which a primary textile cover and a secondary textile cover are connected to a bag body;

Fig. 15 is a fragmentary sectional view of the sixth preferred embodiment, in which the primary textile cover and the secondary textile cover are disconnected from a bag body;

Fig. 16 is an assembled perspective view of a seventh preferred embodiment of a household textile

environmental protection bag according to this invention, which is applied to a modular quilt;

Fig. 17 is a partly exploded perspective view of an eighth preferred embodiment of a household textile environmental protection bag according to this invention, which is applied to a mattress and three dust ruffle members;

Fig. 18 is a partly exploded perspective view of a ninth preferred embodiment of a household textile environmental protection bag according to this invention, which is applied to a sofa; and

Fig. 19 is a partly exploded perspective view of a tenth preferred embodiment of a household textile environmental protection bag according to this invention, which is applied to a headboard cushion.

[0006] Before this invention is described in greater detail in connection with the preferred embodiments, it should be noted that similar elements are designated by like reference numbers throughout the entire disclosure.

[0007] Referring to Figs. 1, 2, 3 and 4, a first preferred embodiment of a household textile environmental protection bag according to this invention is applied to a duvet, and is shown to include a rectangular textile bag body 10, a sheet of first primary textile cover (C1) (see Fig. 4), and a sheet of second primary textile cover (C2). The bag body 10 has a first side surface 11 and a second side surface 12, and is filled with feathers and down 13. A fixed fastening piece (F1) is fixed on the outer periphery of the first side surface 11 of the bag body 10. The first primary textile cover (C1) is provided with an elongated annular fastening piece (F2) that is connected removably to the fixed fastening piece (F1) of the bag body 10, thereby fixing the first primary textile cover (C1) (see Fig. 4) to the first side surface 11 of the bag body 10. An elongated annular textile strip unit 14 has an outer periphery that is fastened to the outer periphery of the first side surface 11 of the bag body 10, and an inner periphery that is provided with an elongated annular movable fastening piece (F3). As best shown in Figs. 2 and 4, the inner periphery of the strip unit 14 can be turned to abut against the outer periphery of the second side surface 12 of the bag body 10 so as to engage the movable fastening piece (F3) with an elongated annular fastening piece (F4), which is fastened to the outer periphery of the second primary textile cover (C2), thereby fixing the second primary textile cover (C2) to the second side surface 12 of the bag body 10. When the first and second primary textile covers (C1, C2) are removed from the bag body 10, the movable fastening piece (F3) can be turned back to the first side surface 11 of the bag body 10 so as to engage the fixed fastening piece (F1), as shown in Fig. 3, such that the fixed fastening piece (F1) and the movable fastening piece (F3) are concealed between the first side surface 11 of the bag body 10 and the strip unit 14, thereby preventing uncomfortable direct contact of a human body with the fixed and movable fastening pieces (F1, F3).

[0008] During use, the first and second primary textile covers (C1, C2) can prevent the bag body 10 from direct contact with a human body. When the first and second primary textile covers (C1, C2) are stained, they can be removed easily from the bag body 10 for washing purposes. In addition, when it is desired to change the patterns on the outer surfaces of the first and second primary textile covers (C1, C2), it is only necessary to replace the first and second primary textile covers (C1, C2).

[0009] The fixed fastening piece (F1) of the bag body (10) and the fastening piece (F4) of the second primary textile cover (C2) are constructed as hook fasteners, while the movable fastening piece (F3) of the bag body 10 and the fastening piece (F2) of the first primary textile cover (C1) are constructed as loop fasteners. The hook and loop fasteners can be replaced with zipper halves, as shown in Fig. 5.

[0010] Fig. 6 shows another modification of the first preferred embodiment, in which a secondary fastening piece (F5), an elongated annular lace member 15 and a piece of secondary textile cover (C3) are provided for ornamental purposes. The secondary fastening piece (F5) is fixed on the outer periphery of the second side surface 12 of the bag body 10. The secondary textile cover (C3) is provided with a fastening piece (F6) that is fastened to the outer periphery thereof and that is connected removably to the secondary fastening piece (F5) of the bag body 10, thereby fixing the secondary textile cover (C3) to the second side 12 of the bag body 10. The lace member 15 is fastened to the outer periphery of the second side surface 12 of the bag body 10 so as to cover the outer periphery of the secondary textile cover (C3). When the secondary textile cover (C3) is removed from the bag body 10, the lace member 15 can cover the secondary fastening piece (F5).

[0011] Fig. 7 shows a second preferred embodiment of this invention, which is applied to a first thick quilt and which is similar to the duvet shown in Fig. 6 in construction except that the thick quilt further includes a first primary textile cover (C1) and that the fastening pieces (F1, F2, F3) are constructed as zipper halves.

[0012] Figs. 8 and 9 show a third preferred embodiment of this invention, which is applied to a sleeping bag and which includes a closable bag body 10, a first primary textile cover (C1) and a second primary textile cover (C2). The bag body 10 has a first side surface 11 and a second side surface 12, and is filled with a warmth keeping material. A fixed fastening piece (F1) is fixed on the outer periphery of the first side surface 11 of the bag body 10 so as to engage an elongated annular fastening piece (F2) that is fastened to the outer periphery of the first primary textile cover (C1), thereby fixing the first primary textile cover (C1) to the first side surface 11 of the bag body 10. An elongated annular textile strip unit 14 has an outer periphery that is fastened to the outer periphery of the first side surface 11 of the bag body 10, and an inner periphery that is provided with an

elongated annular movable fastening piece (F3). The movable fastening piece (F3) is connected removably to an elongated annular fastening piece (F4) that is fastened to the outer periphery of the second primary textile cover (C2), thereby fixing the second primary textile cover (C2) to the second side surface 12 of the bag body 10. The second primary textile cover (C2) has two half portions (C21, C22) (divided by a phantom line), each of which is provided with an L-shaped zipper half (F51, F52) along the outer periphery thereof. The bag body 10 and the first and second primary textile covers (C1, C2) are folded so that the zipper halves (F51, F52) can engage each other, thereby defining an opening 16 between the half portions (C21, C22) of the second primary textile cover (C2). When the first and second primary textile covers (C1, C2) are removed from the bag body 10, the strip unit 14 can be turned to permit connection between the removable fastening piece (F3) and the fixed fastening piece (F1). The fastening pieces (F1, F2, F3, F4) are constructed as zipper halves.

[0013] Figs. 10 and 11 show a fourth preferred embodiment of this invention, which is applied to a bedspread and which includes a horizontal, rectangular bag body 10 that is placed on a mattress 20, a horizontal first primary textile cover (C1) that is superposed on the bag body 10, and a textile skirt unit (C2). Although the skirt unit (C2) is unitary in this embodiment, it may consist of three separate pieces that are attached respectively to three sides of the bag body 10. The bag body 10 has a first side surface or top surface 11, and is filled with feathers and/or down 13. An elongated annular fixed fastening piece (F1) is fixed on the outer periphery of the bag body 10 so as to engage an elongated annular fastening piece (F2), which is fastened to the outer periphery of the first primary textile cover (C1), thereby fixing the first primary textile cover (C1) to the bag body 10. An elongated textile strip unit 14 is fastened to the outer periphery of the first side surface 11 of the bag body 10, and is provided with an elongated annular movable fastening piece (F3), which is connected removably to an elongated fastening piece (F4) that is fastened to an upper end of the skirt unit (C2), thereby fastening the skirt unit (C2) to the bag body 10. As such, the skirt unit (C2) is suspended from the outer periphery of the bag body 10. In this embodiment, the strip unit 14 consists of four spaced-apart strip sections. As such, the movable fastening piece (F3) also consists of four separate members that are disposed respectively on the strip sections. The fixed fastening piece (F1) of the bag body 10 and the fastening piece (F4) of the skirt unit (C2) are constructed as hook fasteners, while the movable fastening piece (F3) of the bag body 10 and the fastening piece (F2) of the first primary textile cover (C1) are constructed as loop fasteners.

[0014] Fig. 12 shows a fifth preferred embodiment of this invention, which is applied to a second thick quilt and which includes a closable bag body 10, a first primary textile cover (C1) and a second primary textile cov-

er (C2). The bag body 10 has a first side surface 11, a second side surface 12 and an annular surface 17 that is located between the first and second side surfaces 11, 12. A U-shaped, fixed fastening piece (F1) is fixed on the outer periphery of the first side surface 11 of the bag body 10 so as to engage an elongated fastening piece (F2) that is fastened to the outer periphery of the first primary textile cover (C1). As such, the first primary textile cover (C1) overlies the first side surface 11 of the bag body 10. The fastening pieces (F1, F2) cooperatively constitute a zipper. A U-shaped textile strip unit 14 has an outer periphery that is fastened to the outer periphery of the first side surface 11 of the bag body 10, and an inner periphery that is provided with a U-shaped movable fastening piece (F3). The movable fastening piece (F3) is connected removably to an elongated fastening piece (F4) that is fastened to the outer periphery of the second primary textile cover (C2). The fastening pieces (F3, F4) cooperatively constitute a zipper. Because the area of the first primary textile cover (C1) is smaller than that of the first side surface 11 of the bag body 10, a portion of the first side surface 11 is not covered by the first primary textile cover (C1). The second primary textile cover (C2) covers entirely the second side surface 12 of the bag body 10, and has an extension (C21) that is turned to abut against the first side surface 11 of the bag body 10. Each of the first and second textile covers (C1, C2) is connected removably to the bag body 10 along three sides 101, 102, 103 of the bag body 10 and to each other at the remaining side 104 of the bag body 10 by engaging a row of eyelets (C11) of the first primary textile cover (C1) with a row of buttons (C22) of the second primary textile cover (C2). During use, a human body contacts only the second primary textile cover (C2). Accordingly, it is only necessary to wash the second primary textile cover (C2). When the first and second textile covers (C1, C2) are removed from the bag body 10, the strip unit 14 can be turned to permit connection between the movable fastening piece (F3) and the fixed fastening piece (F1).

[0015] Figs. 13, 14 and 15 show a sixth preferred embodiment of this invention, which is applied to a third thick quilt and which includes a closable bag body 10, a secondary textile cover (C3) and a primary textile cover (C2). The bag body 10 has a first side surface 11, a second side surface 12, and an annular surface 17 located between the first and second side surfaces 11, 12, and is filled with wool and/or feathers and/or down 13. An annular fixed fastening piece (F1) is fixed on the annular surface 17 of the bag body 10. An elongated annular textile strip unit 14 has a first side 141 that is fastened to the annular surface 17 of the bag body 10, and a second side (142) that is provided with an elongated annular movable fastening piece (F3) that is connected removably to an elongated fastening piece (F4) of the second primary textile cover (C2), thereby fixing the second primary textile cover (C2) to the second side surface 12 of the bag body 10 for protective purposes. The strip

unit 14 consists of four spaced-apart strip sections. As such, the movable fastening piece (F3) also consists of four separate members that are disposed respectively on the strip sections. When the primary textile cover (C2) is removed from the bag body 10, the strip unit 14 can be turned to permit connection between the movable fastening piece (F3) and the fixed fastening piece (F1), thereby preventing a human body from uncomfortable contact with the movable fastening piece (F3). A secondary fastening piece (F5) is fixed on the outer periphery of the first side surface 11 of the bag body 10 so as to engage an elongated fastening piece (F6), which is fastened to the outer periphery of the secondary textile cover (C3), thereby fixing the secondary textile cover (C3) to the first side surface 11 of the bag body 10 for ornamental or protective purposes. A lace member 15 is fastened to the outer periphery of the first side surface 11 of the bag body 10 so as to cover the outer periphery of the secondary textile cover (C3). The movable fastening piece (F3) and the secondary fastening piece (F5) of the bag body 10 are constructed as hook fasteners, while the fixed fastening pieces (F1) of the bag body 10, and the fastening pieces (F6, F4) of the secondary textile cover (C3) and the primary textile cover (C2) are constructed as loop fasteners. The hook and loop fasteners may be replaced with zippers for performing the same function.

[0016] Fig. 16 shows a seventh preferred embodiment of this invention, which is applied to a modular quilt and which includes a plurality of modules. Each of the modules includes a bag body 10 and a secondary textile cover (C3) that are similar to those of the sixth preferred embodiment in construction except for the structures of the fixing fastening pieces (F1) and the movable fastening pieces (F3). Each of the annular strip units 14 consists of four spaced-apart strip sections. Each of the movable fastening pieces (F3) consists of four separate members. In this embodiment, each adjacent pair of the bag bodies 10 are interconnected by engaging the fixed fastening pieces (F1). The inter-engaging portions of the fixed fastening pieces (F1) of each adjacent pair of the bag bodies 10 are configured respectively as a hook fastener and a loop fastener. Because each of the bag bodies 10 has a relatively compact volume, it can be washed easily in a washing machine. By adjusting the number of interconnected bag bodies 10, a modular quilt can have appropriate width and length to cover one, two or three people. A plurality of the strip sections of the annular strip unit 14 can be turned to permit connection between the separate members of the movable fastening pieces (F3) and inter-engaged portions of the fixed fastening pieces (F1) for tidiness purposes.

[0017] Fig. 17 shows an eighth preferred embodiment of this invention, which is applied to a mattress and three dust ruffle members and which includes a closable bag body 10, a first primary textile cover (C1) that is superposed on the bag body 10, three second primary textile covers (C2) that are constructed as dust ruffle members,

and a secondary textile cover (C3). The bag body 10 has a first side surface 11 and an annular surface 17, and is filled with a supporting material (such as feather and down, wool, chemical substance) and/or a plurality of coiled compression springs. A fixed fastening piece (F1) is fixed on the annular surface 17 of the bag body 10 so as to engage an elongated annular fastening piece (F2) that is fastened to the outer periphery of the first primary textile cover (C1), thereby fixing the first primary textile cover (C1) to the bag body 10. The fastening pieces (F1, F2) cooperatively constitute a zipper unit. An elongated annular textile strip unit 14 is provided on the bag body 10 under the fixed fastening piece (F1), and is provided with an elongated annular movable fastening piece (F3). Each of the second primary textile covers (C2) has an upper end, which is provided with an elongated fastening piece (F4) that is connected removably to the movable fastening piece (F3), thereby fixing the second primary textile covers (C2) to the bag body 10. As such, the second primary textile covers (C2) are suspended from the outer periphery of the bag body 10. The fastening pieces (F3, F4) also constitute a zipper unit. A lace member 15 is disposed on the bag body 10 in the manner illustrated in Fig. 14.

[0018] Fig. 18 shows a ninth preferred embodiment of this invention, which is applied to a sofa and which includes a closable bag body 10, a secondary textile cover (C3), and a furniture shell, such as a back 31 of a sofa 30 that is formed with a recess 32. The recess 32 is defined by a surrounding wall or first primary textile cover (C1) and a bottom wall or second primary textile cover (C2). The bag body 10 is filled with a soft material so as to serve as a back cushion, and has a first side surface 11, a second side surface 12 and an annular surface 17 that is located between the first and second side surfaces 11, 12. An fixed fastening piece (F1) is fixed on the annular surface 17 of the bag body 10 so as to engage an elongated annular fastening piece (F2) that is fastened to the surrounding wall (C1) of the back 31. A movable fastening piece (F3) is fastened to an annular textile strip unit 14, which is fastened to the annular surface 17 of the bag body 10 and which is turned to abut against the second side surface 12 of the bag body 10 so that the movable fastening piece (F3) is connected removably to a fastening piece (F4) that is fastened to the bottom wall (C2) of the back 31, thereby fixing the bag body 10 within the recess 32 in the back 31 of the sofa 30. The fastening pieces (F1, F2, F3, F4) are constructed as hook-and-loop fasteners. A lace member 15 is also disposed on the bag body 10 in the manner illustrated in Fig. 14. Because the bottom wall (C2) is generally perpendicular to the surrounding wall (C1), the bag body 10 can be prevented from undesired removal from the back 31. When the bag body 10 is removed from the sofa 30, the strip unit 14 can be turned to permit connection between the movable fastening piece (F3) and the fixed fastening piece (F1).

[0019] Fig. 19 shows a tenth preferred embodiment

of this invention, which is applied to a headboard cushion and which includes a closable bag body 10, a secondary textile cover (C3) and a furniture shell, such as a headboard 41 of a bed 40 that has a recess 42. This embodiment is similar to the embodiment of Fig. 18 in construction.

Claims

1. A household textile environmental protection bag characterized by:

- (a) a textile bag body (10) with opposite first and second side surfaces (11, 12);
- (b) a fixed fastening piece (F1) fixed on the outer periphery of the first side surface (11) of the bag body (10);
- (c) a movable fastening piece (F3) disposed movably on the outer periphery of the bag body (10); and
- (d) a primary textile article unit connected removably to assembly of the fixed fastening piece (F1) and the movable fastening piece (F3) for ornamental and protective purposes, the primary textile article unit being capable of being removed forcibly from the assembly of the fixed fastening piece (F1) and the movable fastening piece (F3) so as to permit detachable connection of the movable fastening piece (F3) and the fixed fastening piece (F1), thereby preventing the fixed fastening piece (F1) and the movable fastening piece (F3) from contact with a human body.

2. The household textile environmental protection bag as claimed in Claim 1, further characterized by:

a movable annular textile strip unit (14) having an outer periphery that is fastened to the outer periphery of the first side surface (11) of the bag body (10), and an inner periphery that is provided with the movable fastening piece (F3) and that is capable of being turned onto the outer periphery of the second side surface (12) of the bag body (10) so as to be connected removably to the primary textile article unit, the fixed fastening piece (F1) and the movable fastening piece (F3) being concealed between the strip unit 14 and the first side surface (11) of the bag body 10 when the movable fastening piece (F3) engages the fixed fastening piece (F1).

3. The household textile environmental protection bag as claimed in Claim 1, further characterized by:

a secondary fastening piece (F5) fixed on the outer periphery of the second side surface (12)

of the bag body (10);

a piece of secondary textile cover (C3) with a fastening piece (F6) that is fastened to the outer periphery thereof and that is connected removably to the secondary fastening piece (F5) of the bag body (10); and

an elongated annular lace member (15) fastened to the outer periphery of the second side surface (12) of the bag body (10) so as to cover the outer periphery of the secondary textile cover (C3), the lace member (15) covering the secondary fastening piece (F5) of the bag body (10) when the secondary textile cover (C3) is removed from the bag body (10).

4. The household textile environmental protection bag as claimed in Claim 1, characterized in that the first side surface 11 of the bag body 10 is generally horizontal, the primary textile article unit including:

a generally horizontal primary textile cover (C1) with a fastening piece (F2) that is fastened to the outer periphery thereof and that is connected removably to the fixed fastening piece (F1) of the bag body (10), thereby fixing the primary textile cover (C1) to the first side surface 11 of the bag body 10; and

a skirt unit (C2) having an upper end with a fastening piece (F4) that is fastened thereto and that is connected removably to the movable fastening piece (F3) of the bag body (10) so that the skirt unit (C2) is suspended from the outer periphery of the bag body (10), whereby, the primary textile cover (C1) and the skirt unit (C2) cooperatively constitute a bedspread.

5. The household textile environmental protection bag as claimed in Claim 1, characterized by:

the first and second side surfaces (11, 12) of the bag body (10) being generally rectangular; and

the primary textile article unit including

a first primary textile cover (C1) with a fastening piece (F2) that is connected removably to the fixed fastening piece (F1) of the bag body (10) so that the first primary textile cover (C1) overlies the first side surface (11) of the bag body (10), and

a second primary textile cover (C2) with a fastening piece (F4) that is connected removably to the movable fastening piece (F3) so that the second primary textile cover (C2) overlies the second side surface (12) of the bag body (10), each of the first and second textile covers (C1, C2) being connected removably to the bag body (10) along three sides (101, 102, 103) of the bag body (10) and to each other at the re-

maining side (104) of the bag body (10).

6. The household textile environmental protection bag as claimed in Claim 5, **characterized in that** one of the first and second primary textile covers (C1, C2) has aside which is formed with a plurality of eyelets (C11), the other one of the first and second primary textile covers (C1, C2) having a side which is formed with a plurality of buttons (C21) that engage respectively the eyelets (C11), thereby interconnecting the first and second primary textile covers (C1, C2) removably.

7. The household textile environmental protection bag as claimed in Claim 1, further **characterized by:**

the bag body (10) being filled with a warmth keeping material; and

the article unit including

a first primary textile cover (C1) with a fastening piece (F2) that is connected removably to the fixed fastening piece (F1), thereby fixing the first primary textile cover (C1) to the first side surface (11) of the bag body (10), and

a second primary textile cover (C2) with a fastening piece (F4) that is fastened to the outer periphery thereof and that is connected removably to the movable fastening piece (F3), thereby fixing the second primary textile cover (C2) to the second side surface (12) of the bag body (10), the second primary textile cover (C2) having two half portions (C21, C22), each of which is provided with an L-shaped zipper half (F51, F52) along the outer periphery thereof, the bag body (10) and the first and second primary textile covers (C1, C2) being folded so that the zipper halves (F51, F52) can engage each other, thereby defining an opening (16) between the half portions (C21, C22) of the second primary textile cover (C2);

whereby, the environmental protection bag serves as a sleeping bag.

8. A household textile environmental protection bag comprising:

- (a) a textile bag body (10) with opposite first and second side surfaces (11, 12) and an annular surface (17) that is located between the first and second side surfaces (11, 12);
- (b) a fixed fastening piece (F1) fixed on the annular surface (17) of the bag body (10);
- (c) a movable fastening piece (F3) disposed movably on the outer periphery of the bag body (10); and
- (d) an article unit connected removably to as-

sembly of the fixed fastening piece (F1) and the movable fastening piece (F3) for ornamental and protective purposes, the article unit being capable of being removed forcibly from the assembly of the fixed fastening piece (F1) and the movable fastening piece (F3) so as to permit detachable connection of the movable fastening piece (F3) and the fixed fastening piece (F1), thereby preventing the fixed fastening piece (F1) and the movable fastening piece (F3) from contact with a human body.

9. The household textile environmental protection bag as claimed in Claim 8, further **characterized by:**

an elongated movable annular textile strip unit (14) having a first side (141) that is fastened to the annular surface (17) of the bag body (10), and a second side (142) which is provided with the movable fastening piece (F3); and

the article unit including a primary textile cover (C2) with a fastening piece (F4) that is connected removably to the movable fastening piece (F3), the fixed fastening piece (F1) and the movable fastening piece (F3) being concealed between the strip unit (14) and the annular surface (17) of the bag body (10) when the movable fastening piece (F3) engages the fixed fastening piece (F1).

10. The household textile environmental protection bag as claimed in Claim 8, further **characterized by:**

a secondary fastening piece (F5) fixed on the outer periphery of the first side surface (11) of the bag body (10);

a piece of secondary textile cover (C3) with a fastening piece (F6) that is fastened to the outer periphery thereof and that is connected removably to the secondary fastening piece (F5) of the bag body (10); and

an elongated annular lace member (15) fastened to the outer periphery of the first side surface (11) of the bag body (10) so as to cover the outer periphery of the secondary textile cover (C3), the lace member (15) covering the secondary fastening piece (F5) of the bag body (10) when the secondary textile cover (C3) is removed from the bag body (10).

11. The household textile environmental protection bag as claimed in Claim 8, **characterized in that** the article unit includes a dust ruffle (C2), which has an upper end portion that is provided with a fastening piece (F4) that is connected removably to the movable fastening piece (F3) of the bag body (10) so that the dust ruffle (C2) is suspended from the outer periphery of the bag body (10).

12. The household textile environmental protection bag as claimed in Claim 8, **characterized in that** the article unit includes a furniture shell (31, 41) with a surrounding wall (C1) and a bottom wall (C2) that cooperatively define a recess (32, 42), the bottom wall (C2) being generally perpendicular to the surrounding wall (C1), each of the bottom wall (C2) and the surrounding wall (C1) being provided with a fastening piece (F2, F4) that are connected respectively and removably to the fixed fastening piece (F1) and the movable fastening piece (F3), the movable fastening piece (F3) abutting against the second side surface (12) of the bag body (10).

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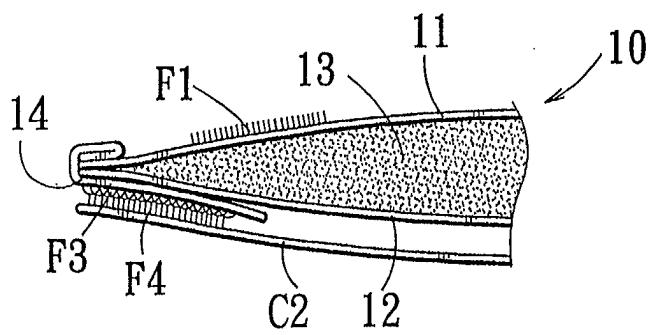
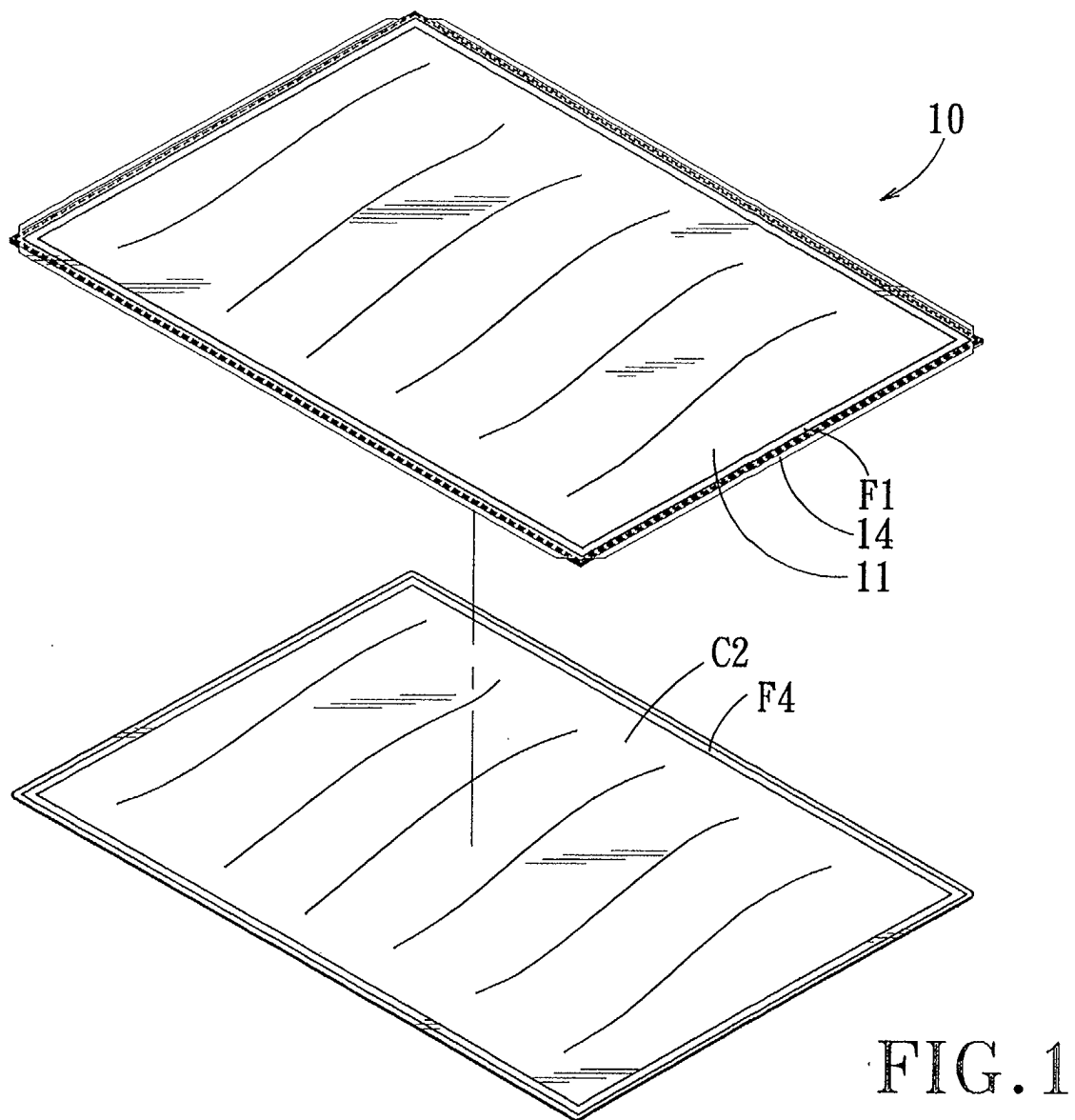


FIG. 2

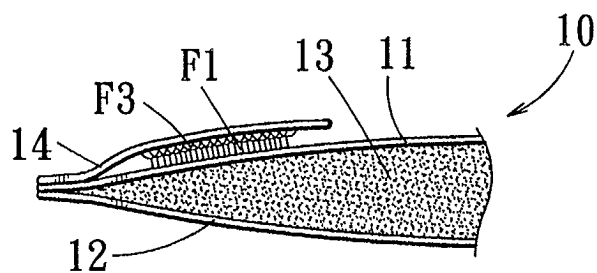


FIG. 3

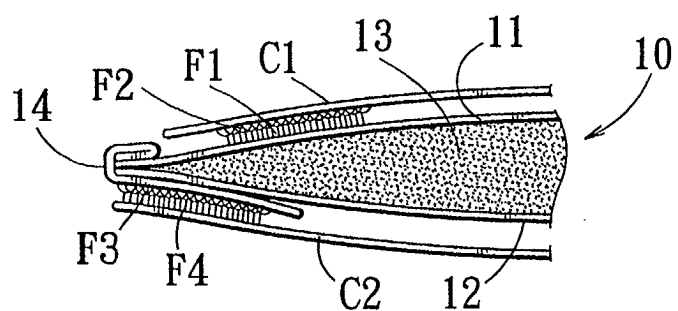


FIG. 4

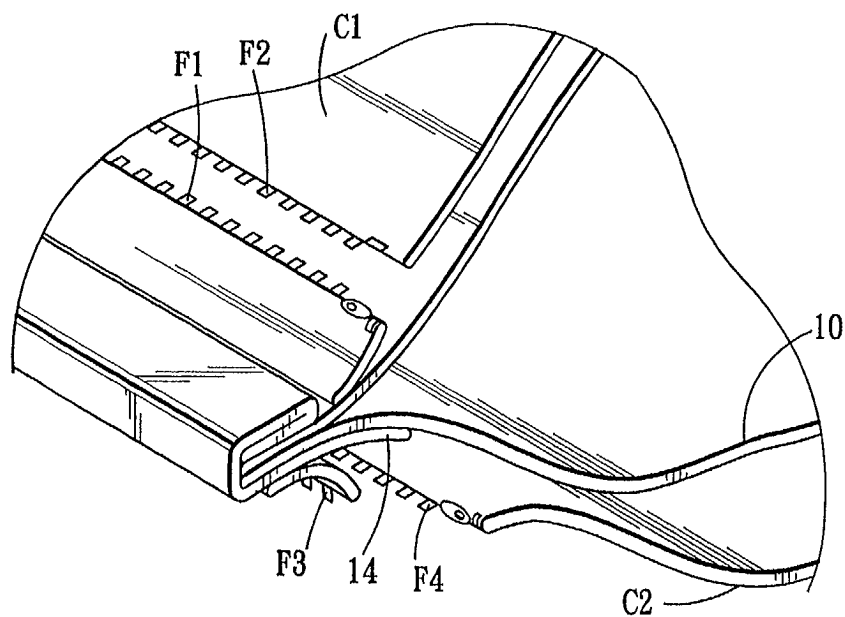


FIG. 5

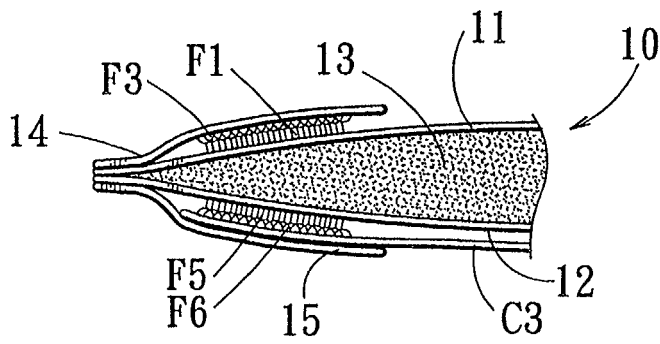


FIG. 6

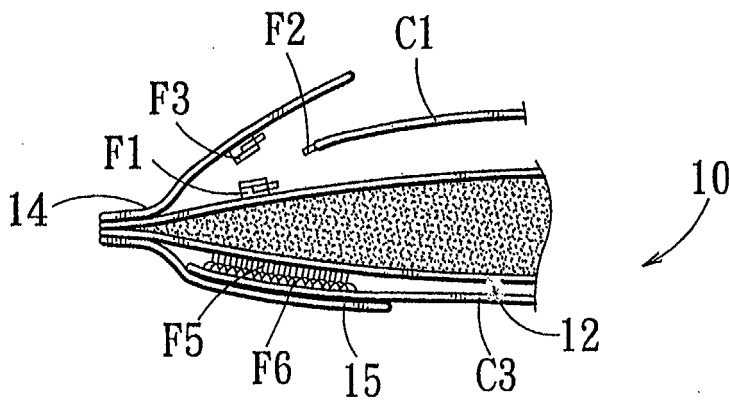


FIG. 7

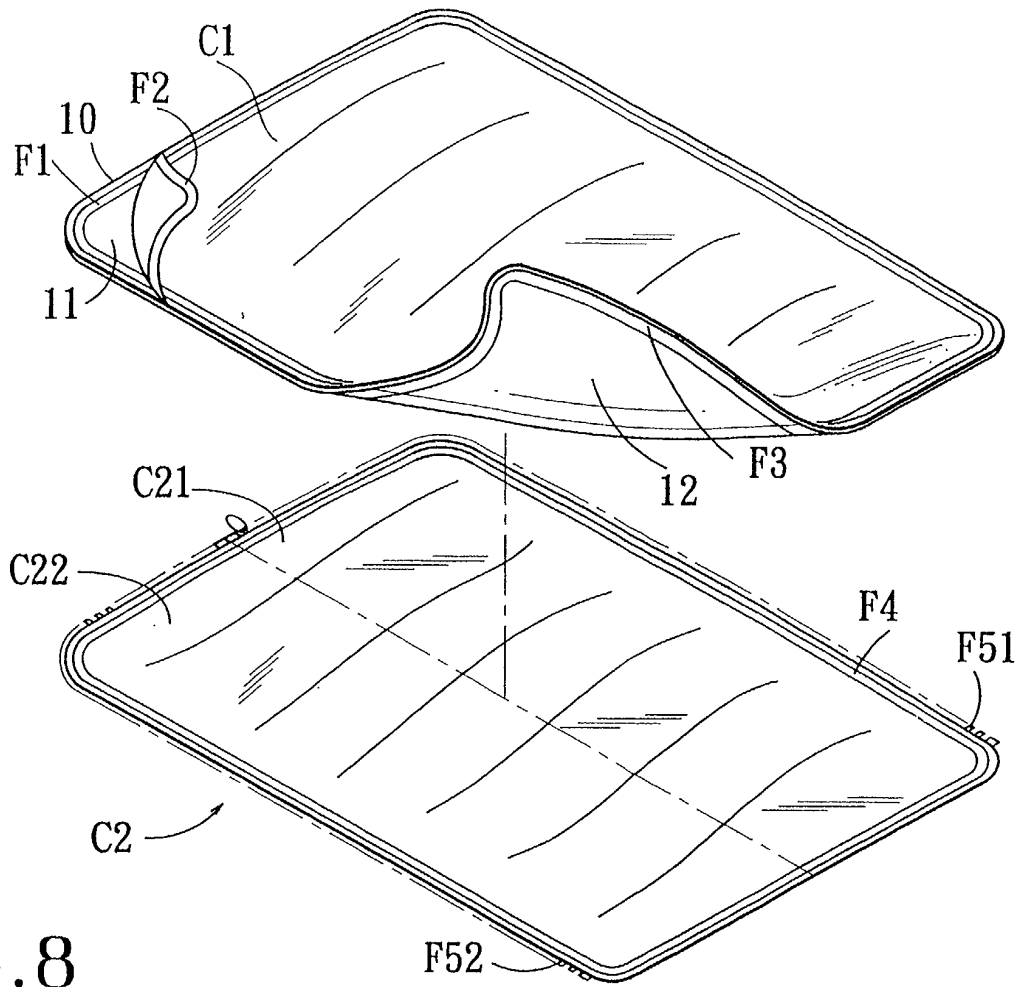


FIG. 8

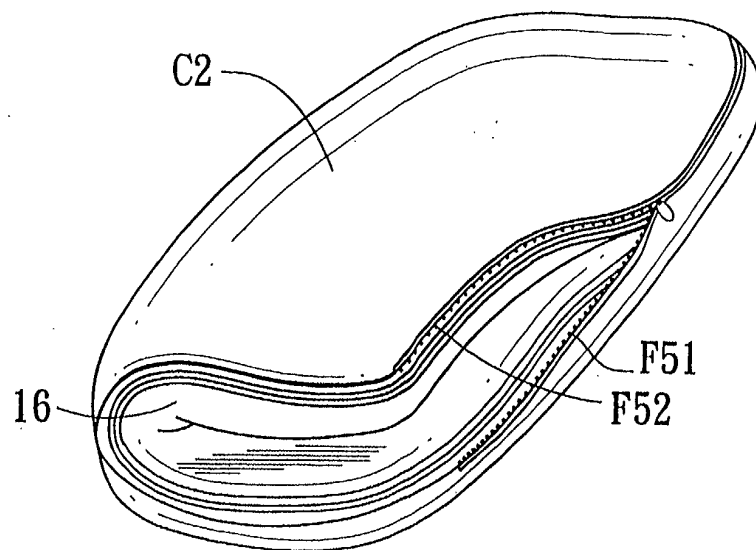


FIG. 9

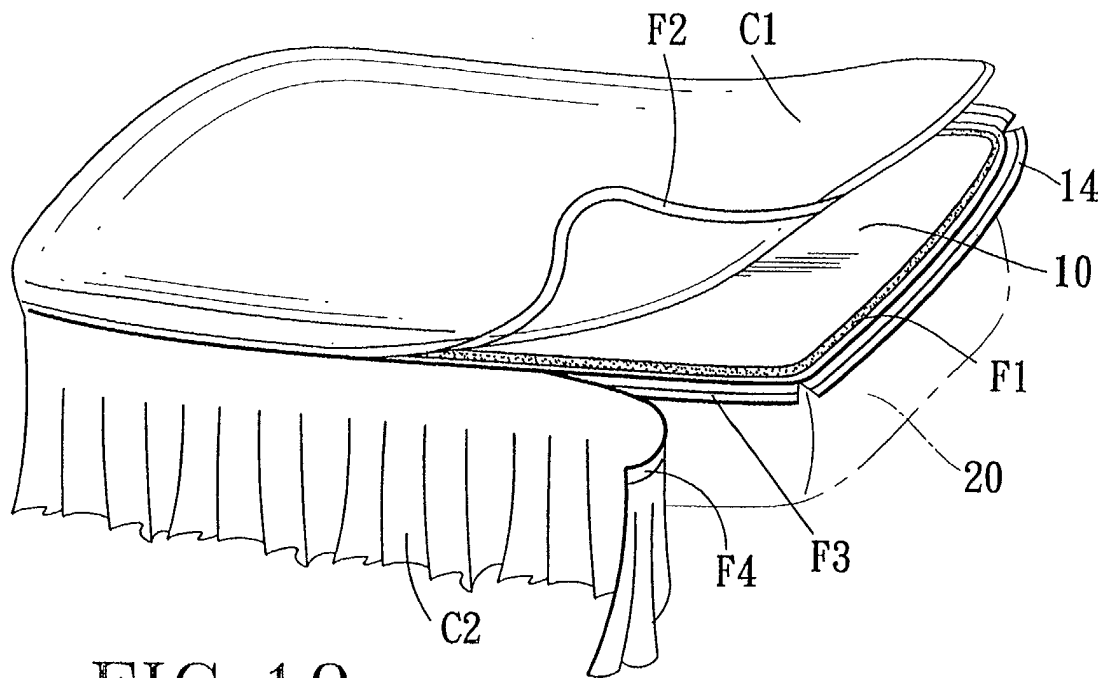


FIG. 10

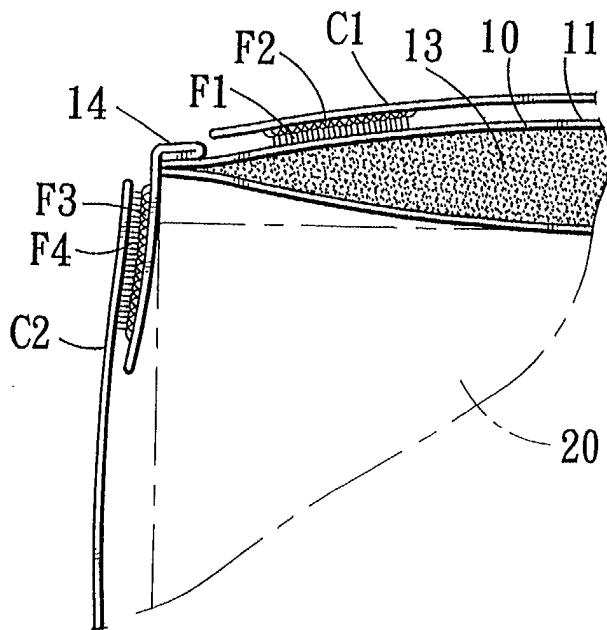


FIG. 11

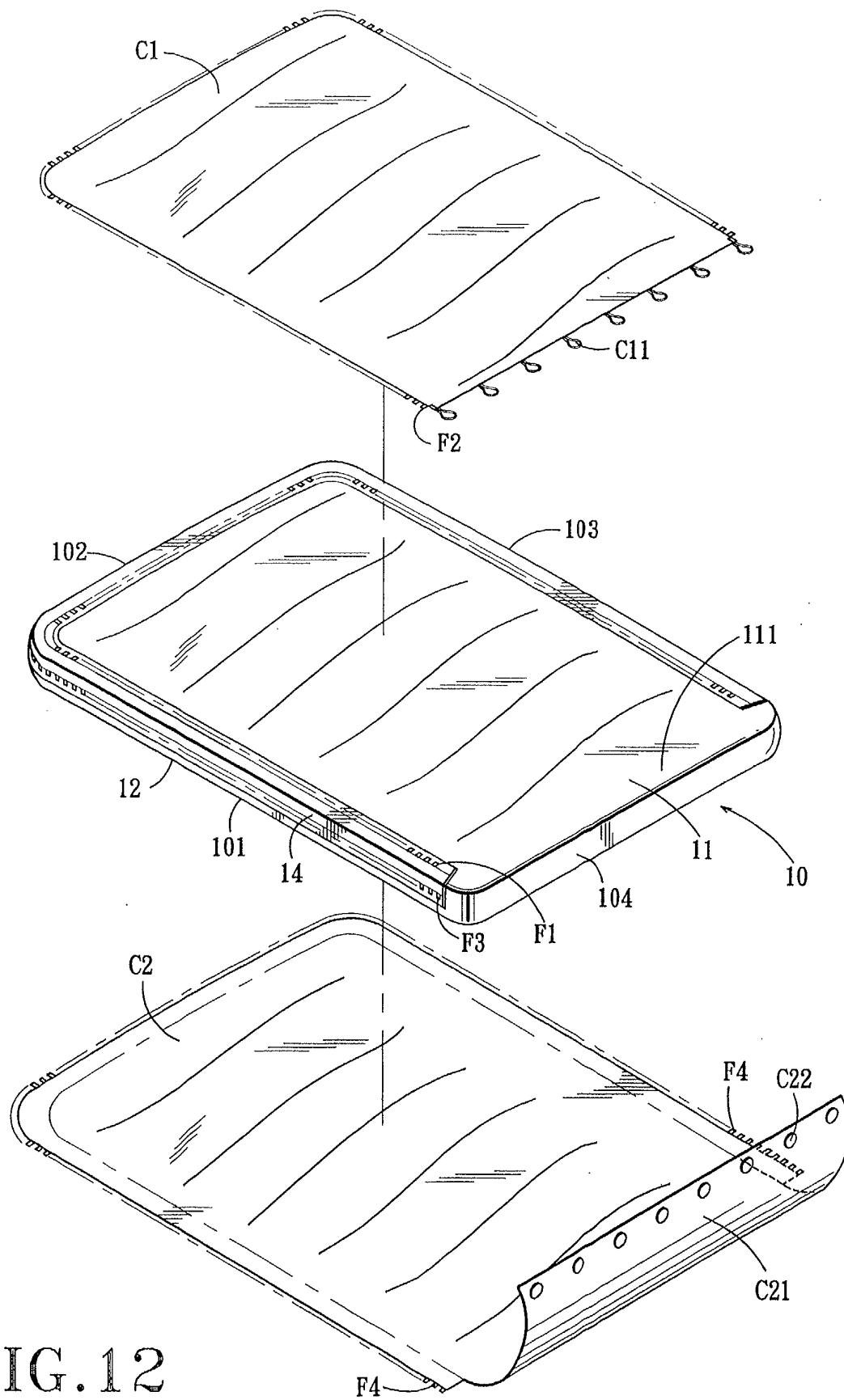


FIG. 12

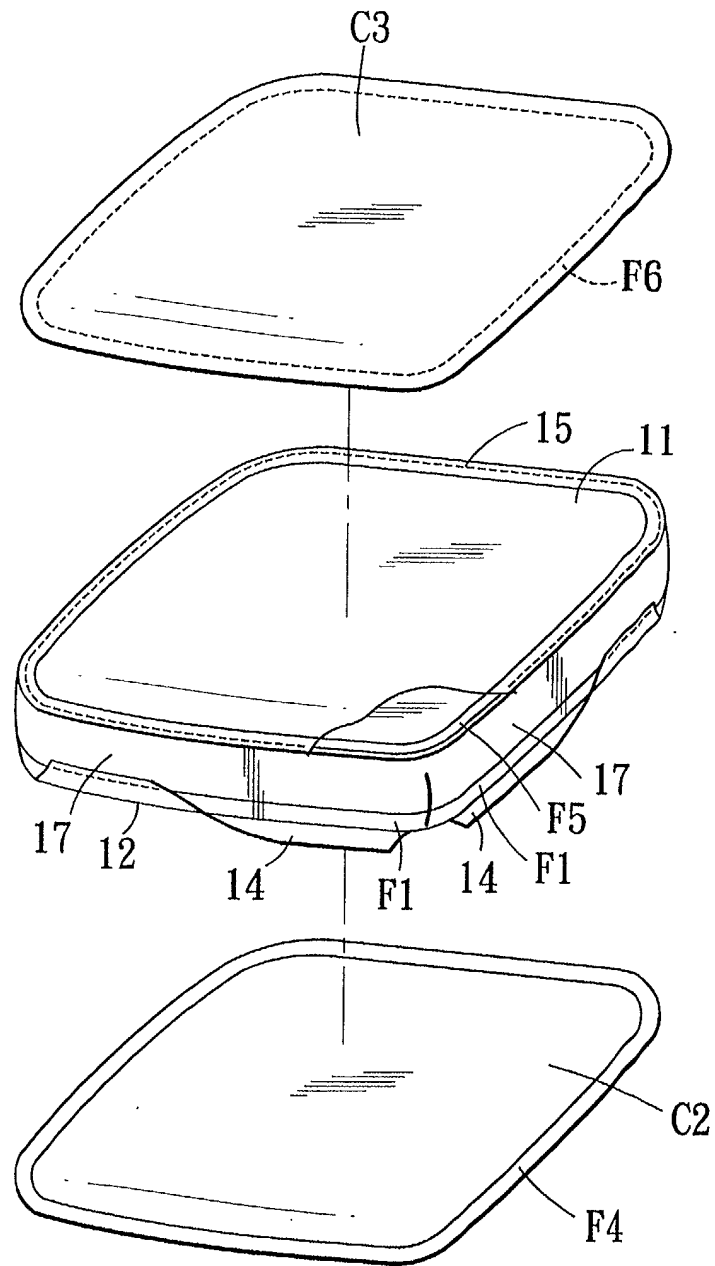


FIG.13

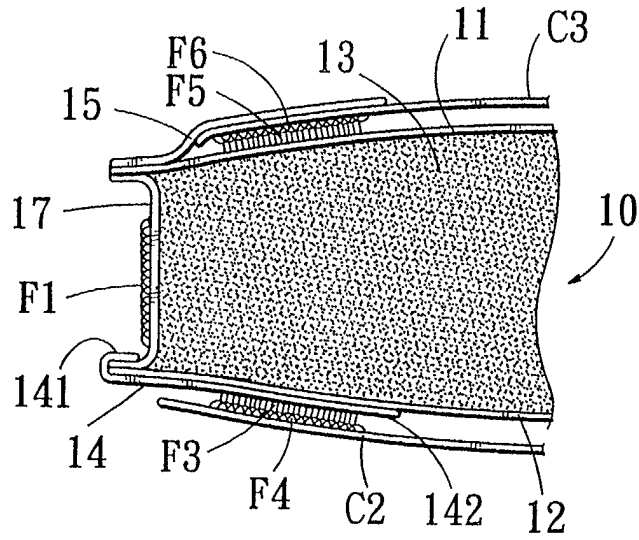


FIG. 14

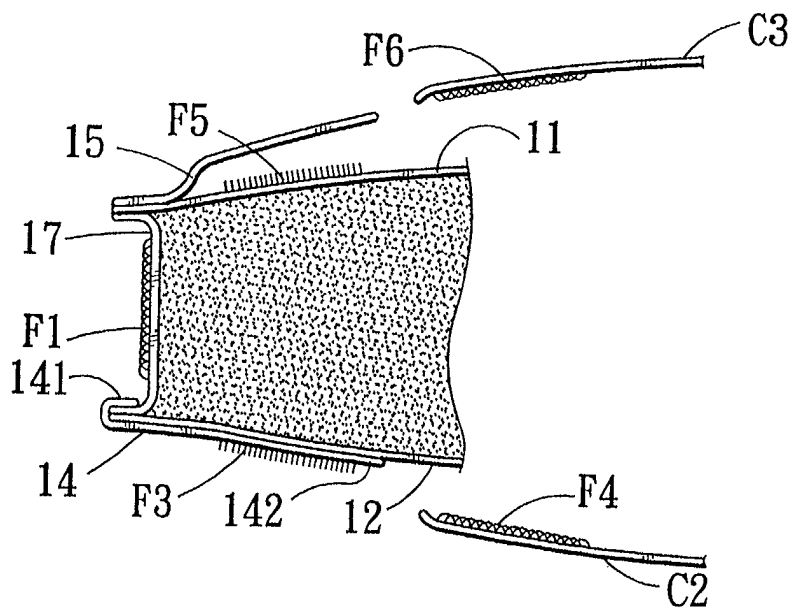


FIG. 15

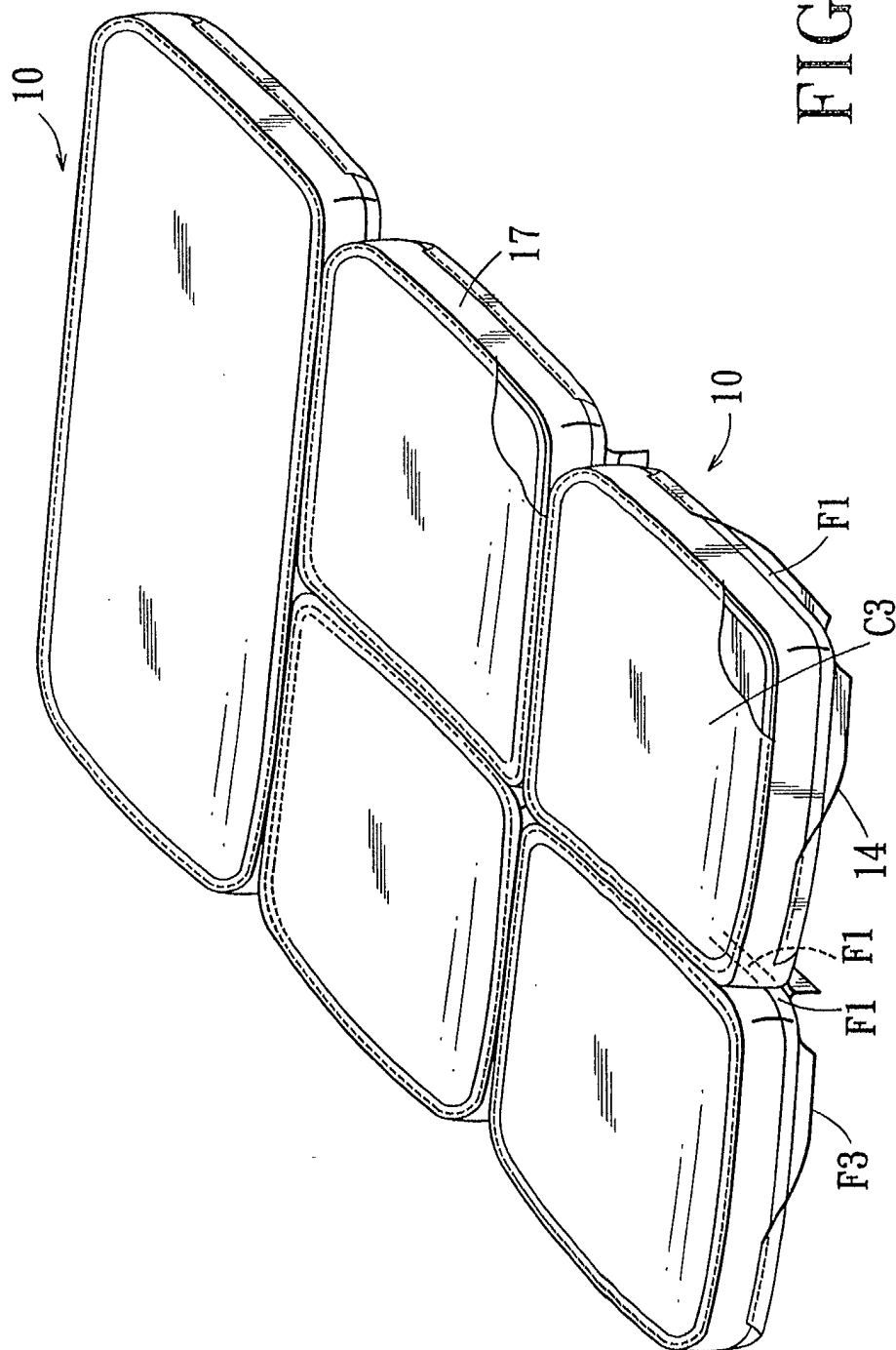


FIG. 16

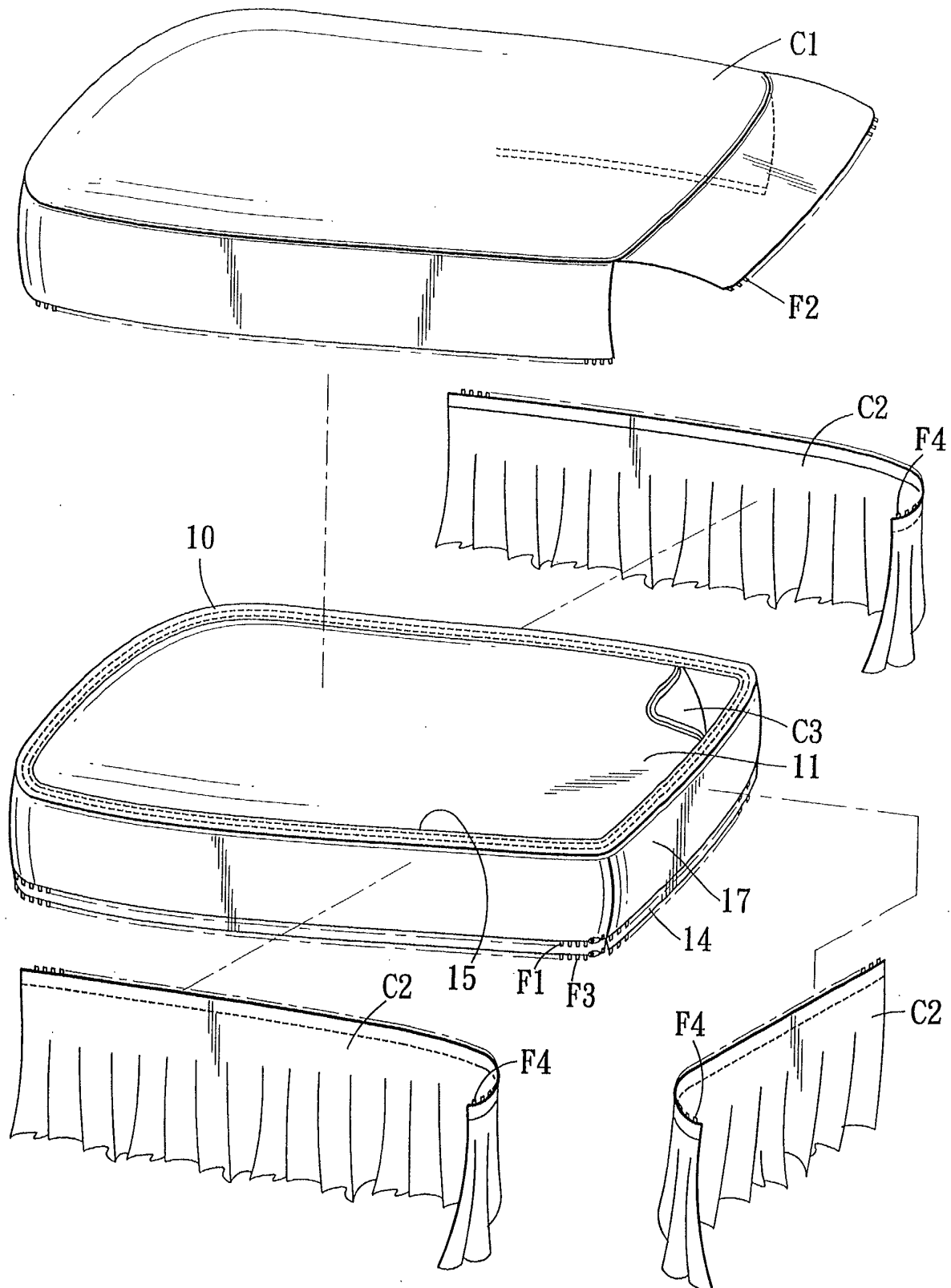


FIG.17

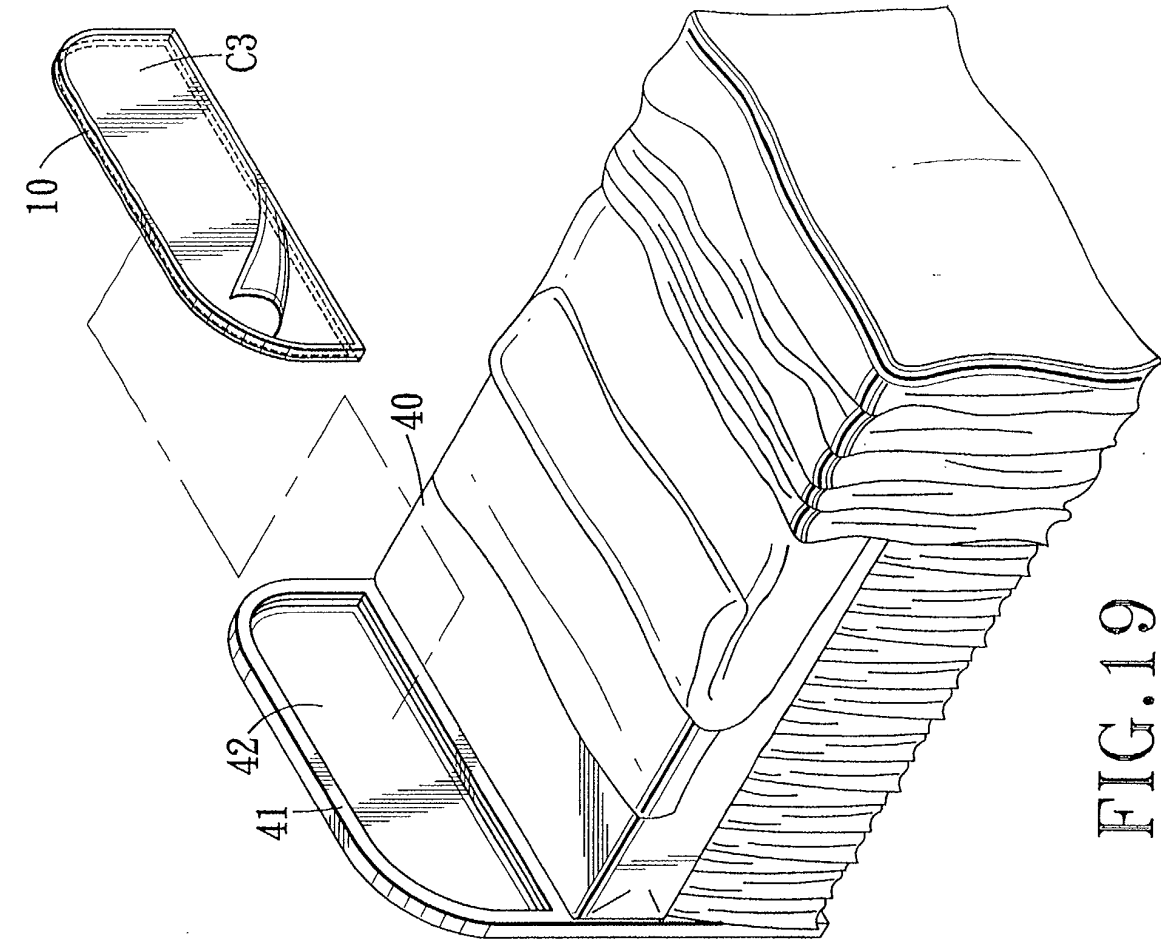


FIG. 19.

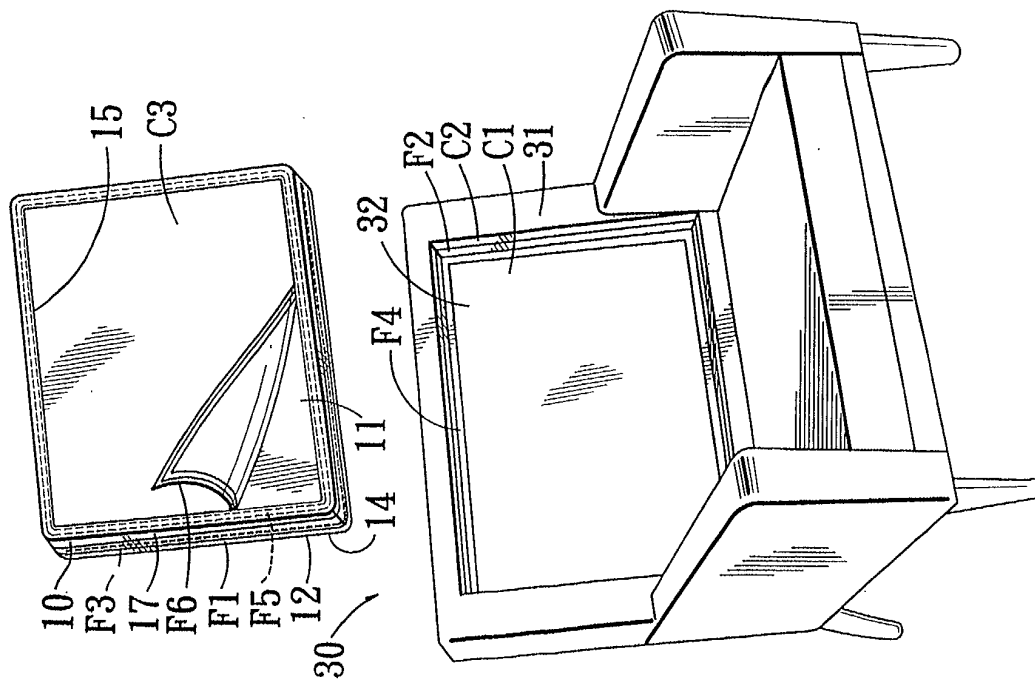


FIG. 18



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 31 0093

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
A	US 5 946 751 A (DEMAI STEVEN E) 7 September 1999 (1999-09-07) * column 6, line 10 - column 7, line 30; figures 10-12 *	1,8	A47G9/02 A47C31/02
A	FR 2 678 152 A (VIAUD ETS MICHEL) 31 December 1992 (1992-12-31) * the whole document *	1,8	
A	US 6 052 846 A (PATEL KAMAL C ET AL) 25 April 2000 (2000-04-25) * the whole document *	1,8	
			TECHNICAL FIELDS SEARCHED (Int.CI.7)
			A47G A47C
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		15 April 2002	Van der Plas, J
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EP 01 31 0093

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15-04-2002

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