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(43) **Pub. Date: Nov. 16, 2017**(54) **MATTRESS**(71) Applicant: **Sleep Select Co., Ltd.**, Tokyo (JP)(72) Inventors: **Hideyuki Nishimura**, Tokyo (JP); **Taiji Takayama**, Kanagawa (JP); **Tadanori Kubo**, Tokyo (JP)(21) Appl. No.: **15/310,588**(22) PCT Filed: **Jan. 28, 2015**(86) PCT No.: **PCT/JP2015/052340**

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(2006.01)

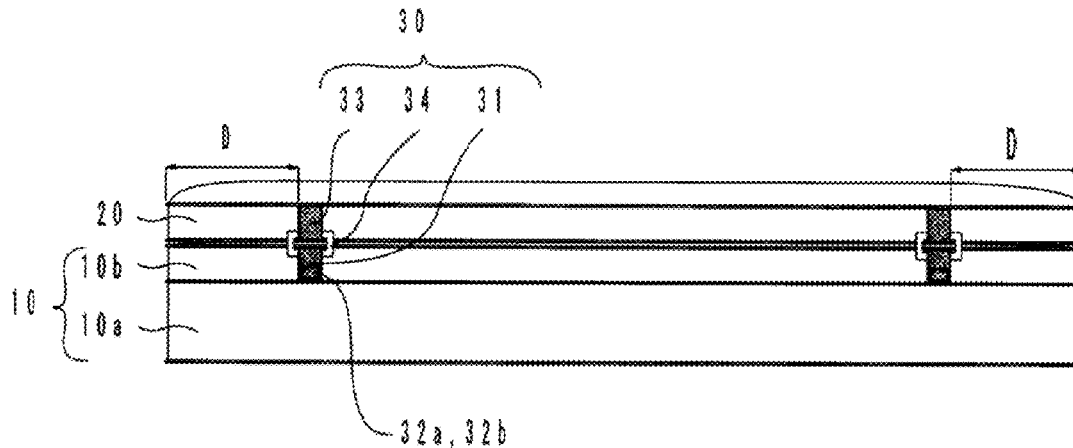
(52) **U.S. Cl.**CPC **A47C 21/026** (2013.01)

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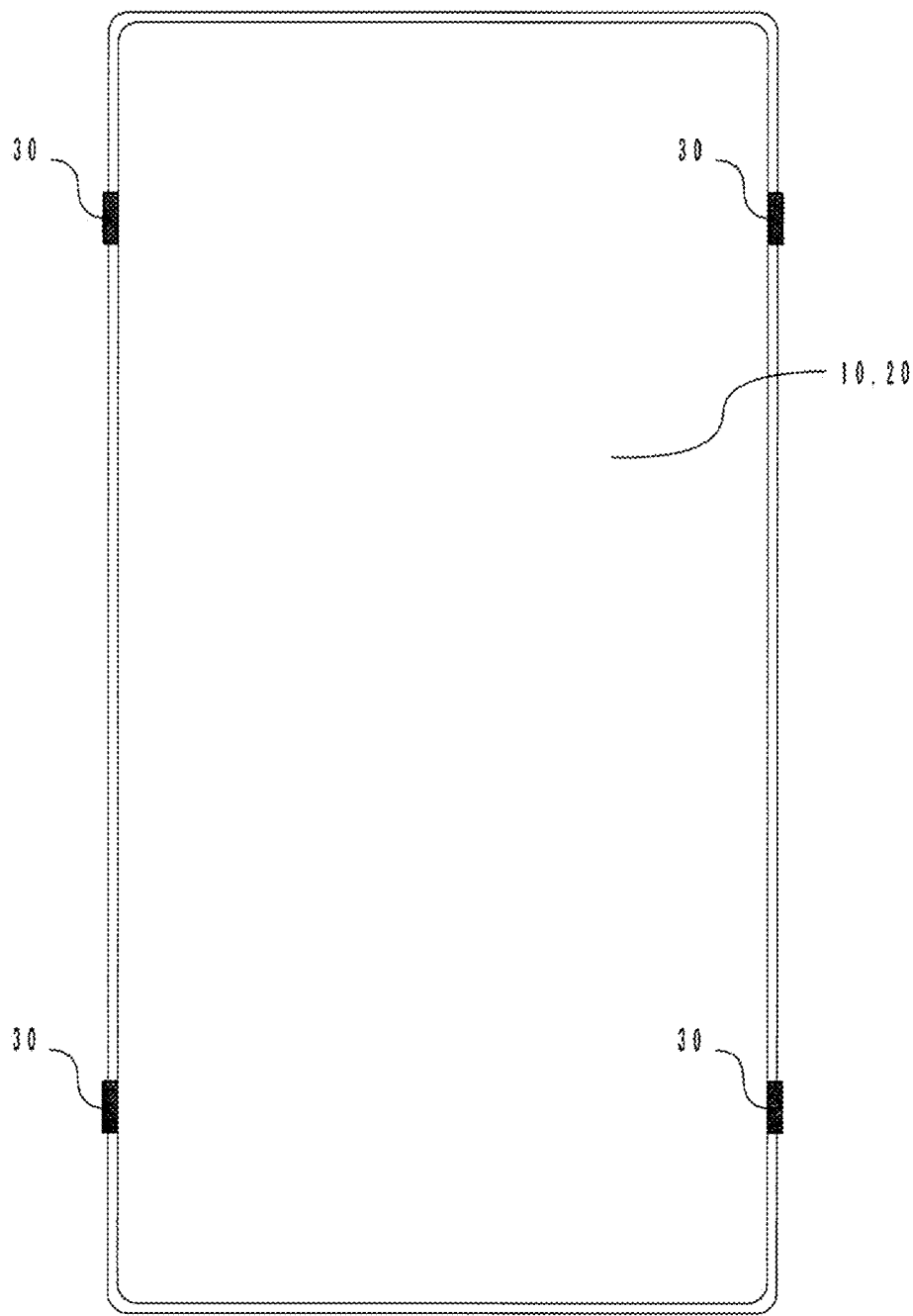
ABSTRACT

[Problem] The present invention provides the mattress which can fix a plurality of mattresses stably.

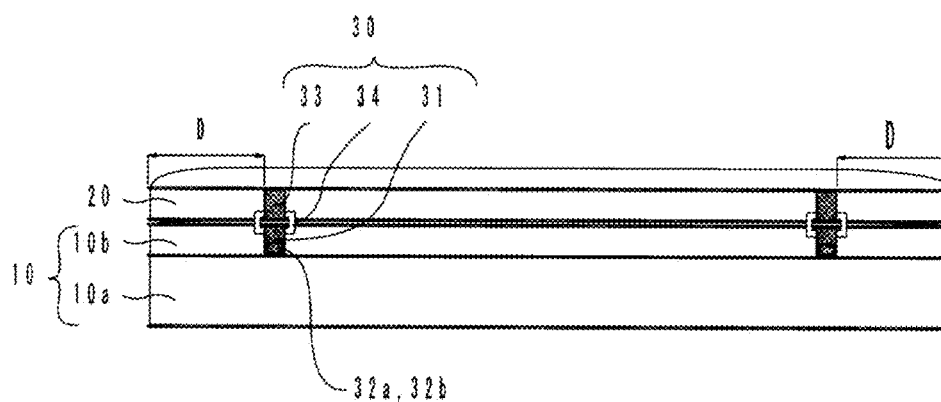
[Solution] A mattress comprises a first mattress **10**, a second mattress **20** stacked on the first mattress, and a fixing member **30** fixing the first mattress and the second mattress. The fixing member comprising a first belt **31** attached to a side surface of the first mattress, a second belt **33** having a first fixing part and the second fixing part fixed to a lower end part and an upper end part in a side surface of the second mattress, respectively, and a connecting tool **34** passed to the second belt and moving from the upper end part to the lower end part in the side surface of the second mattress. The first mattress and the second mattress are fixed by passing the first belt to the first connecting tool.



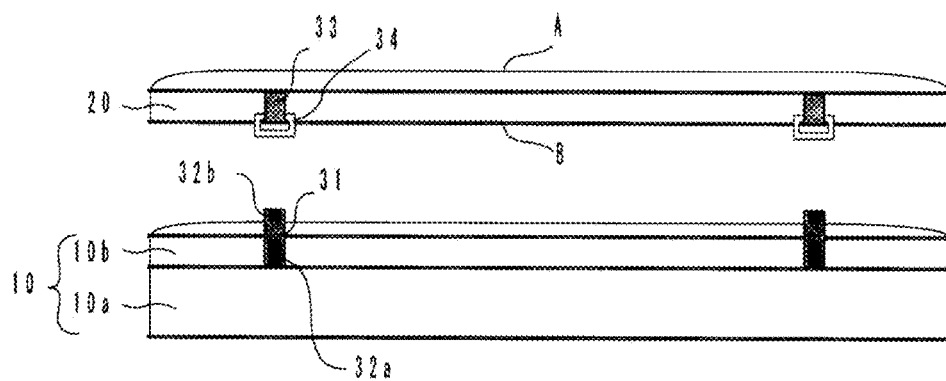
【FIG 1】



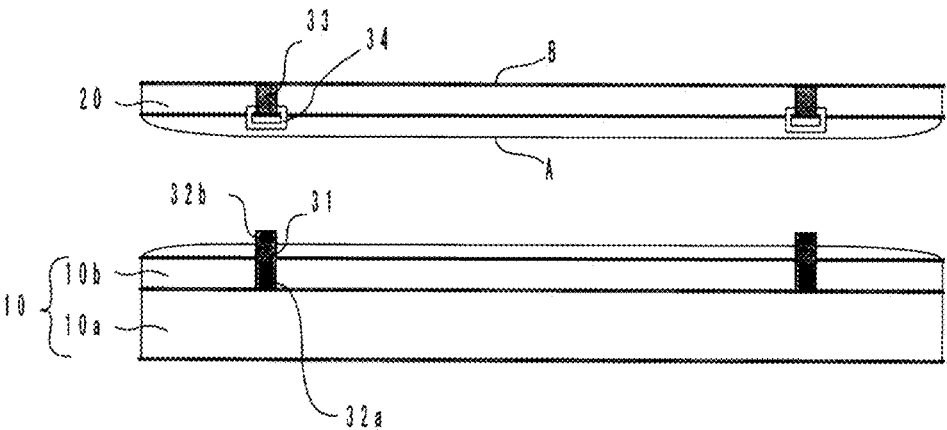
【FIG 2】



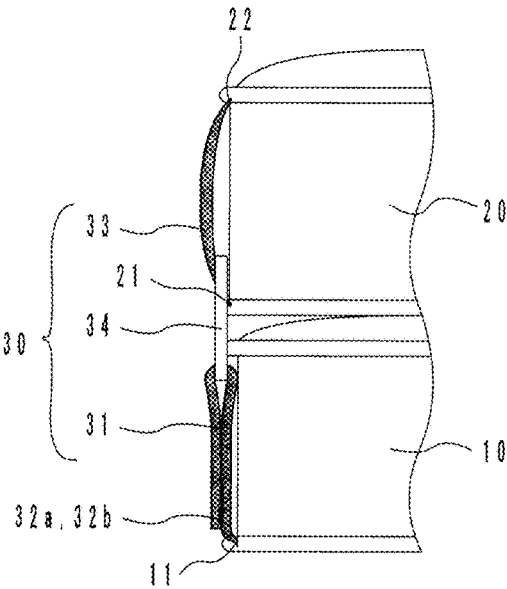
【FIG 3】



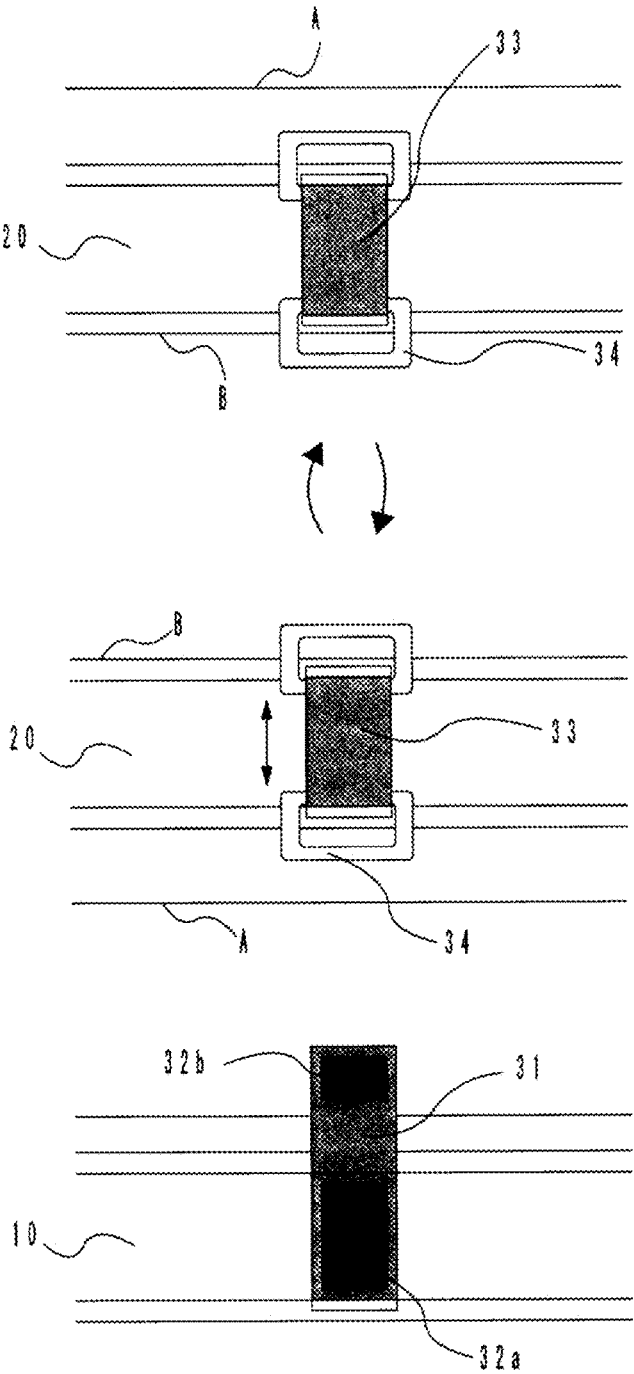
【FIG 4】



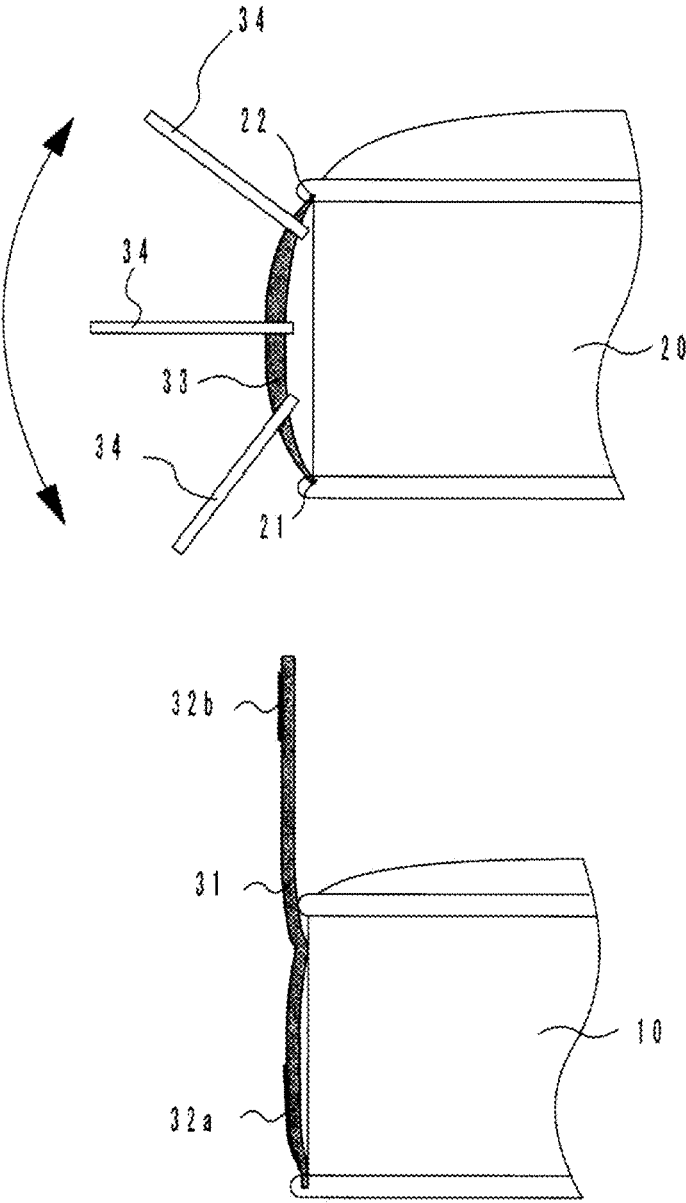
[FIG 6]



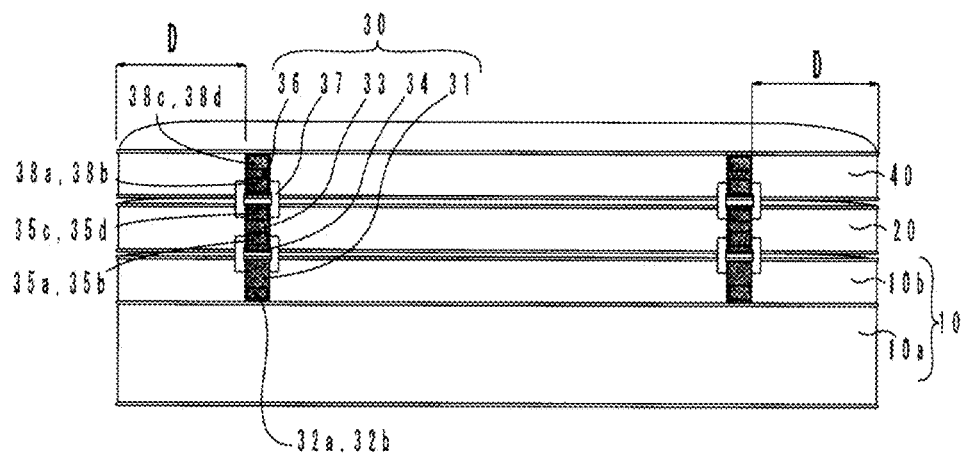
【FIG 7】



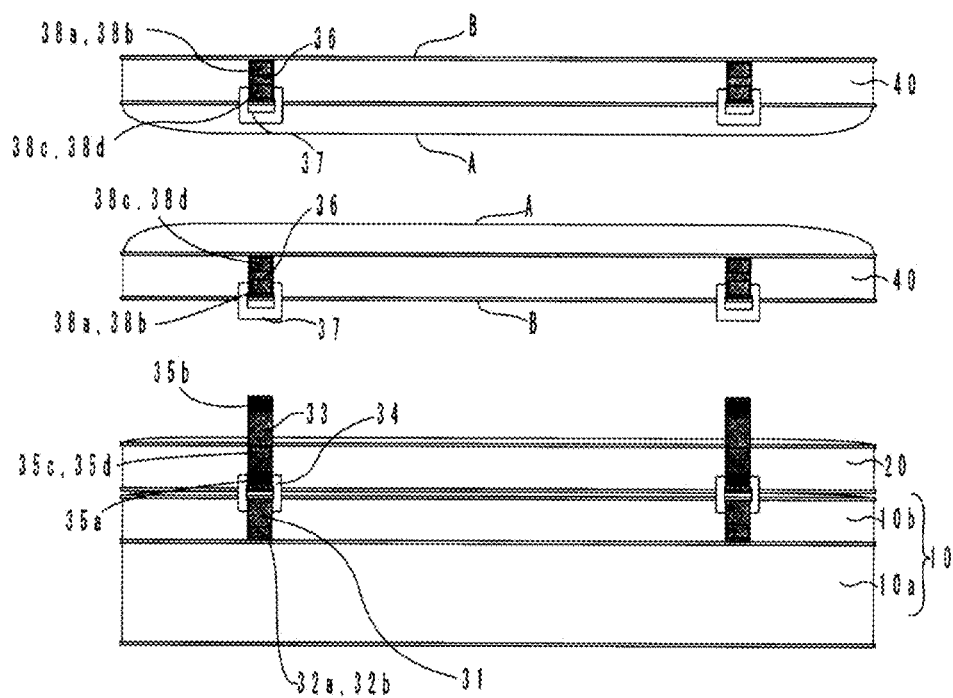
【FIG 8】



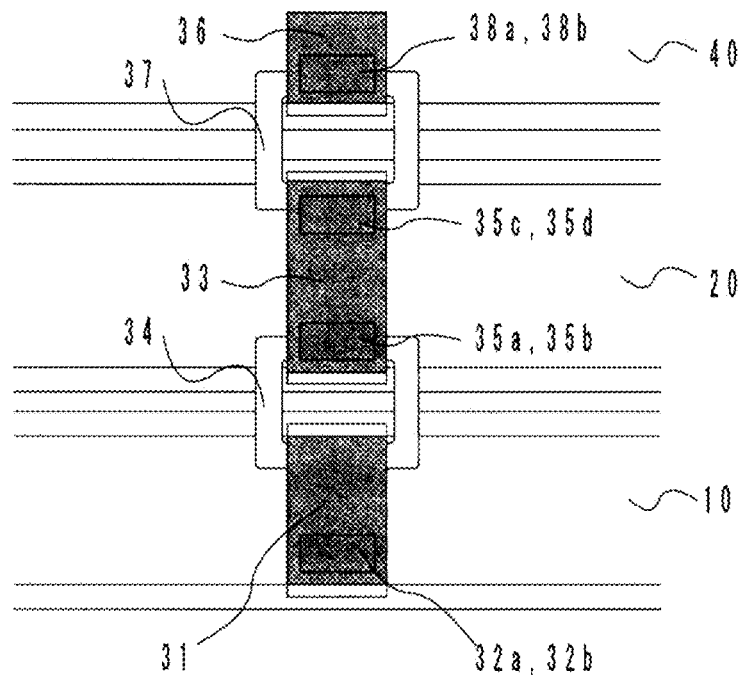
【FIG 9】



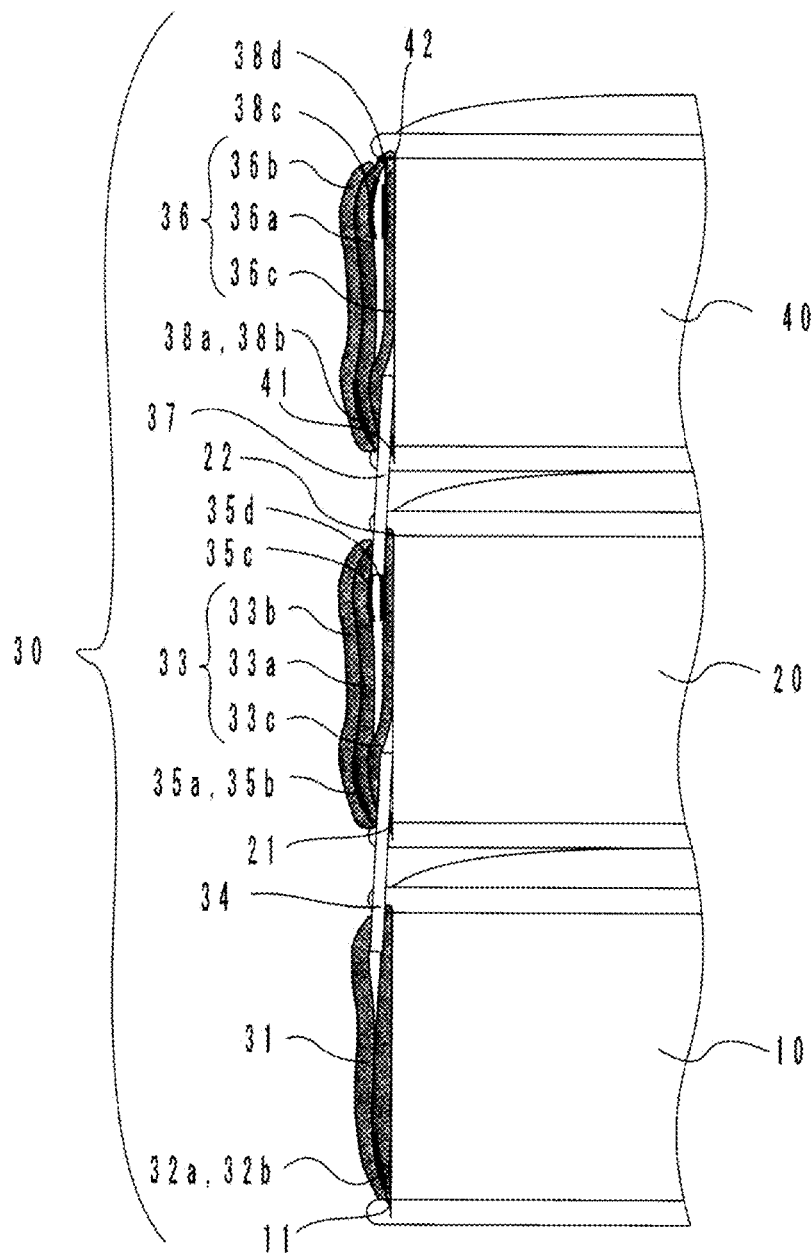
【FIG 10】



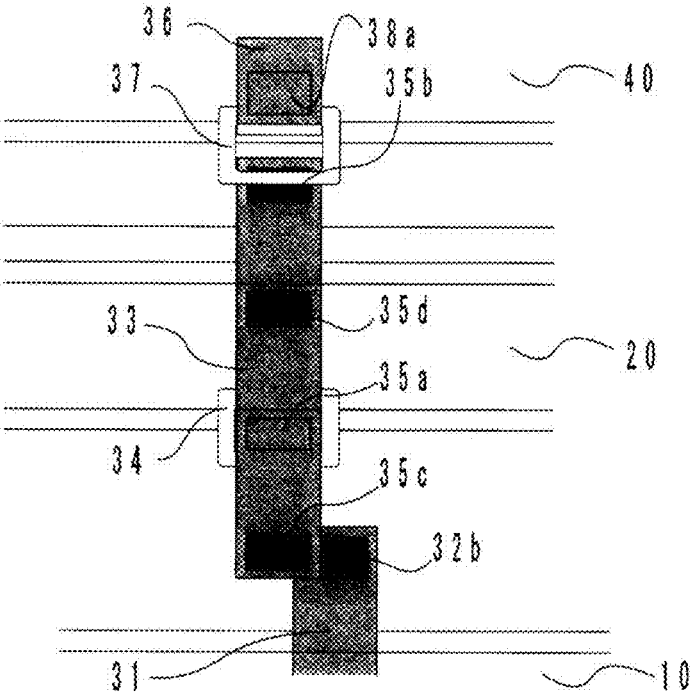
【FIG 11】



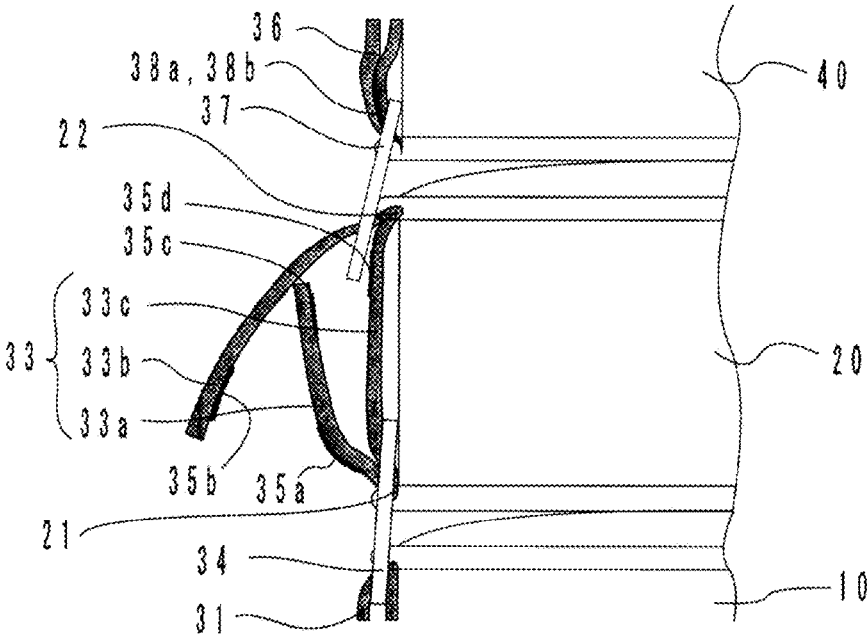
【FIG 12】



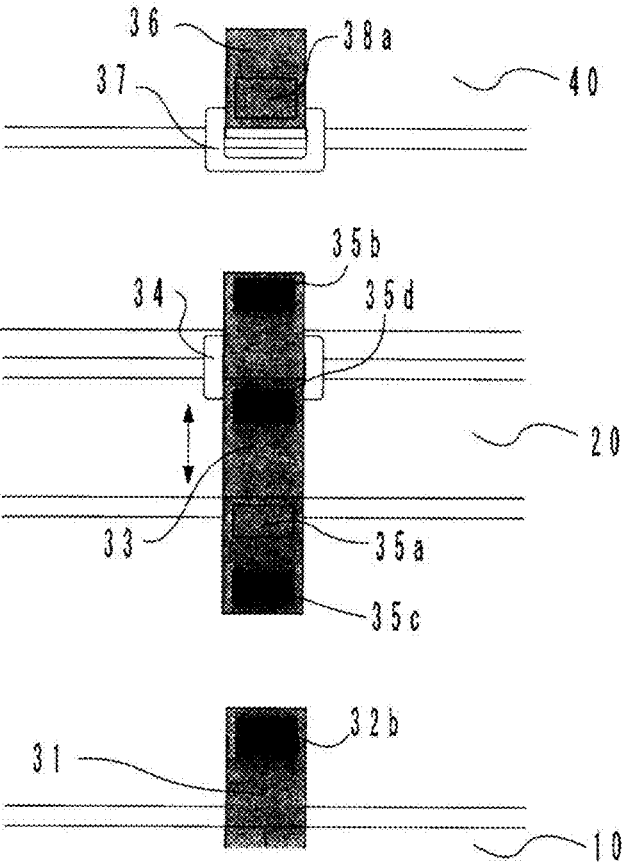
【FIG 13】



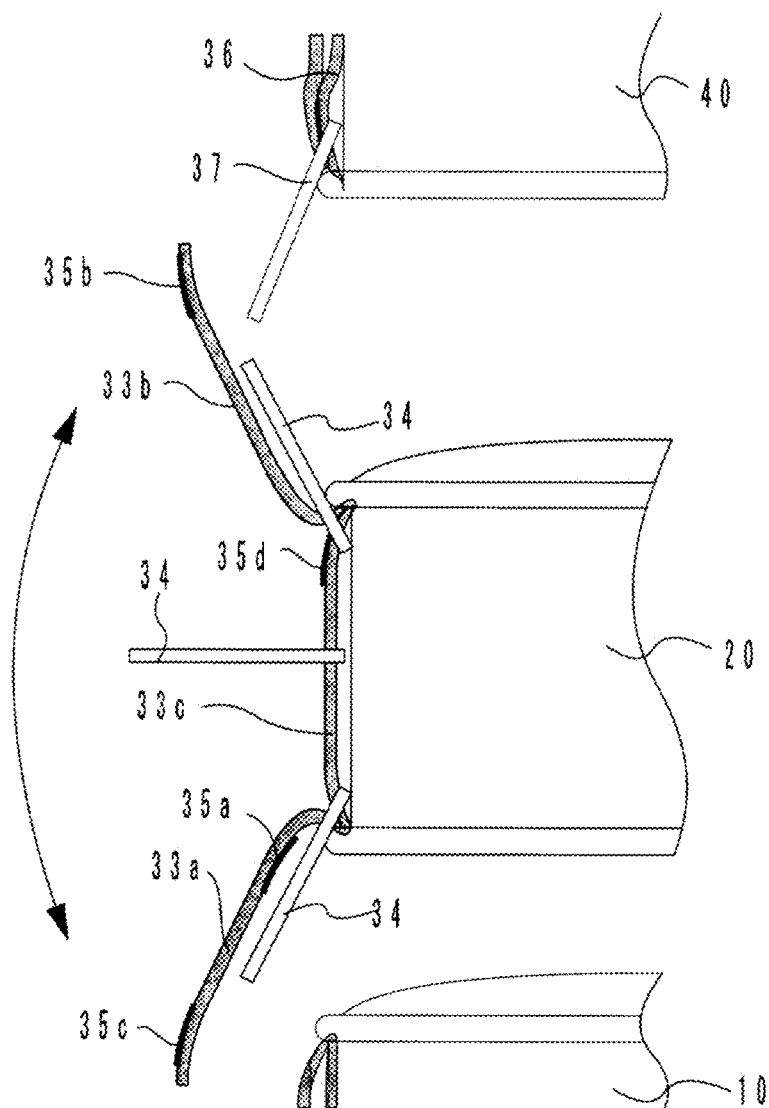
【FIG 14】



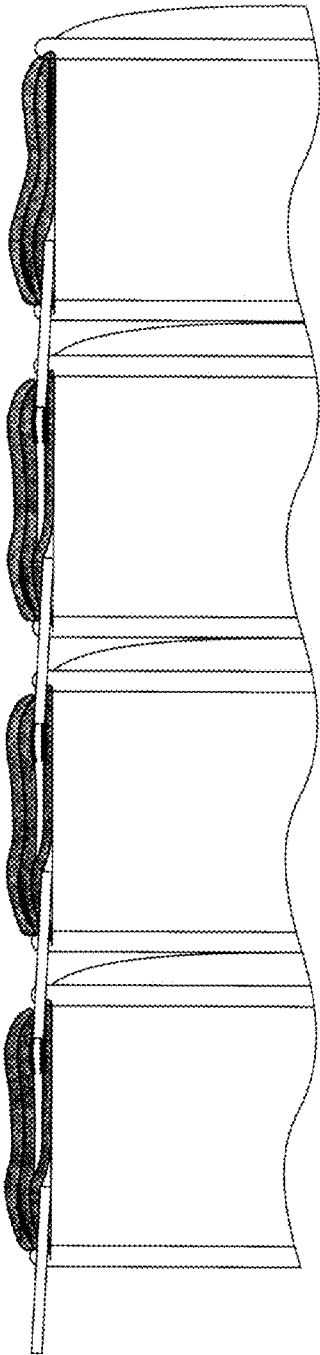
【FIG15】



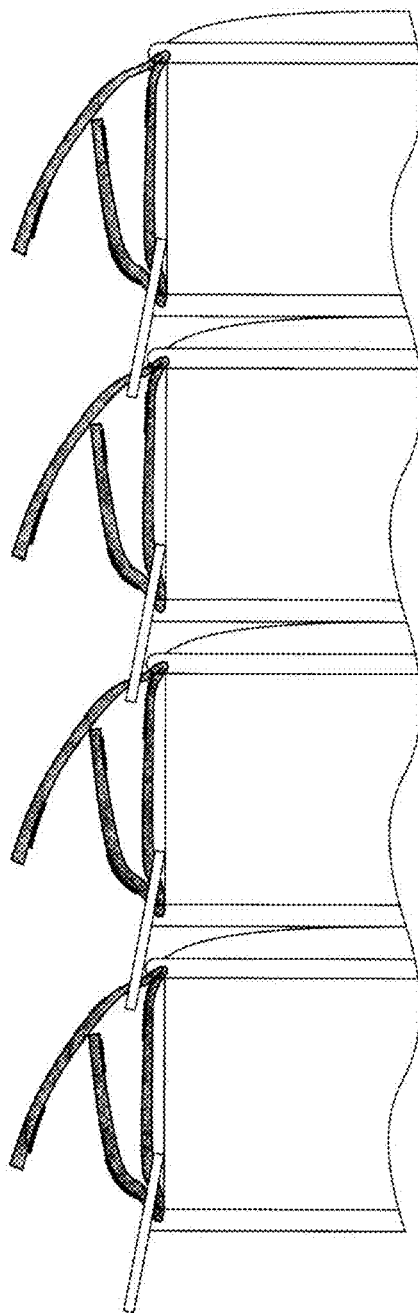
【FIG16】



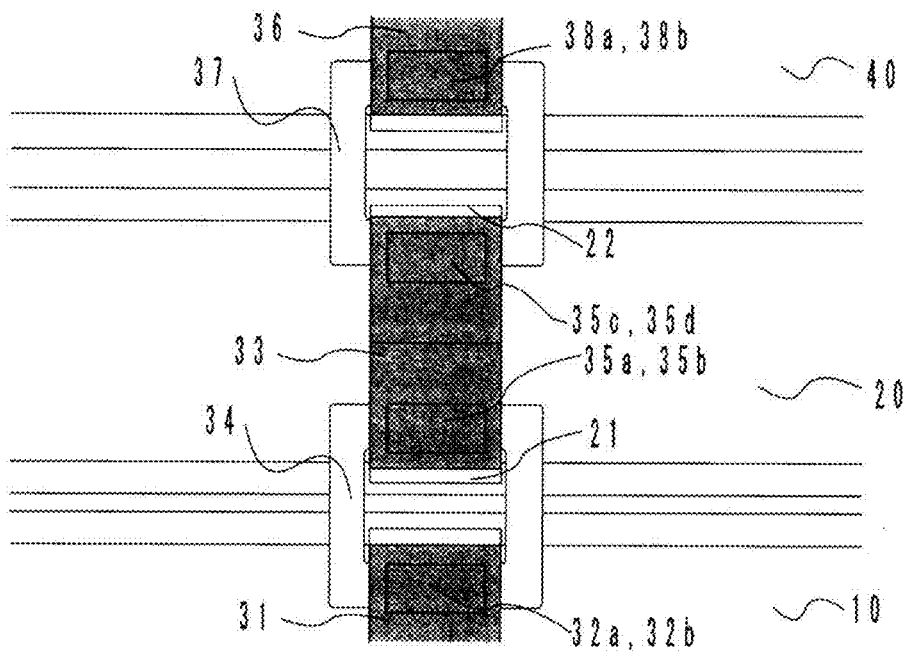
【FIG 17】



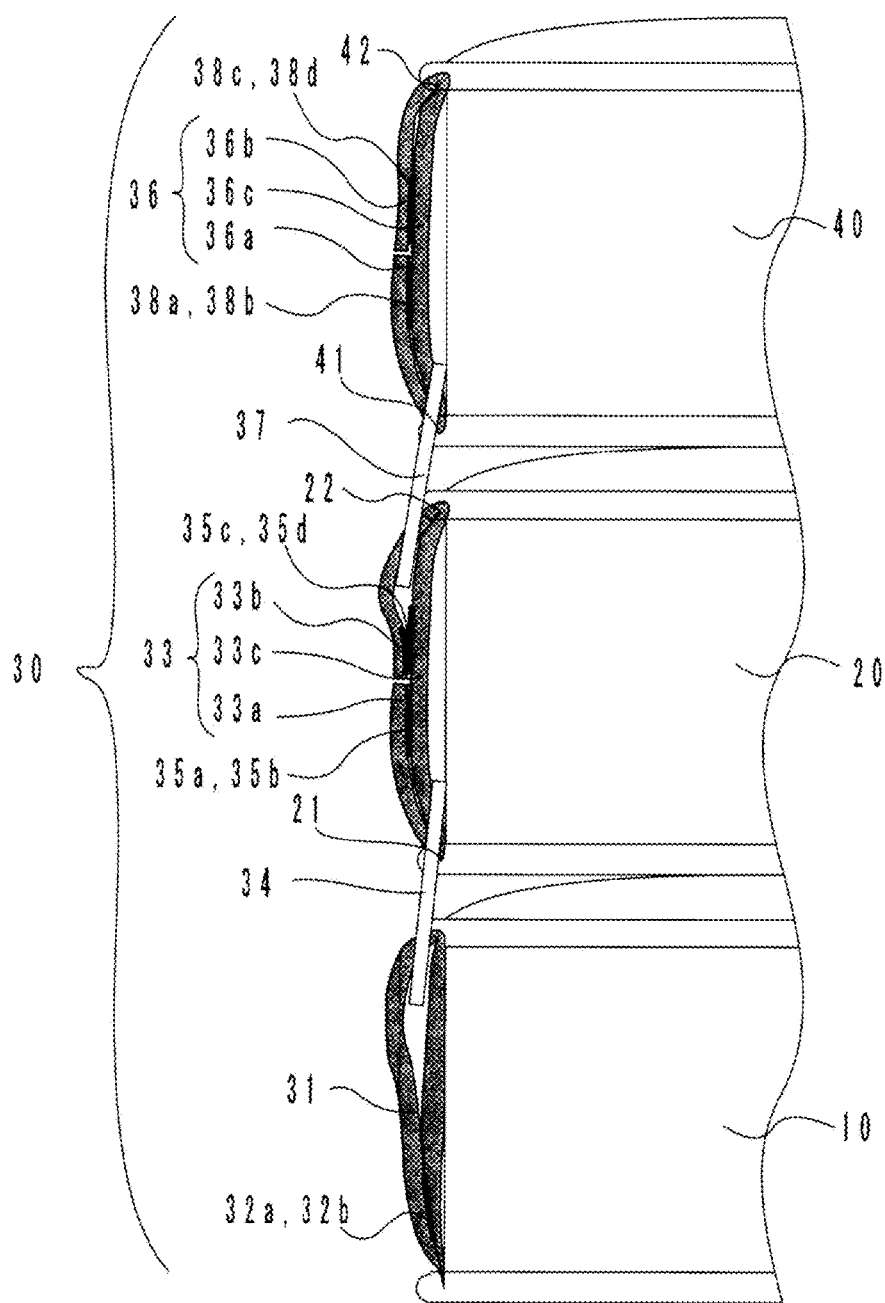
【FIG18】



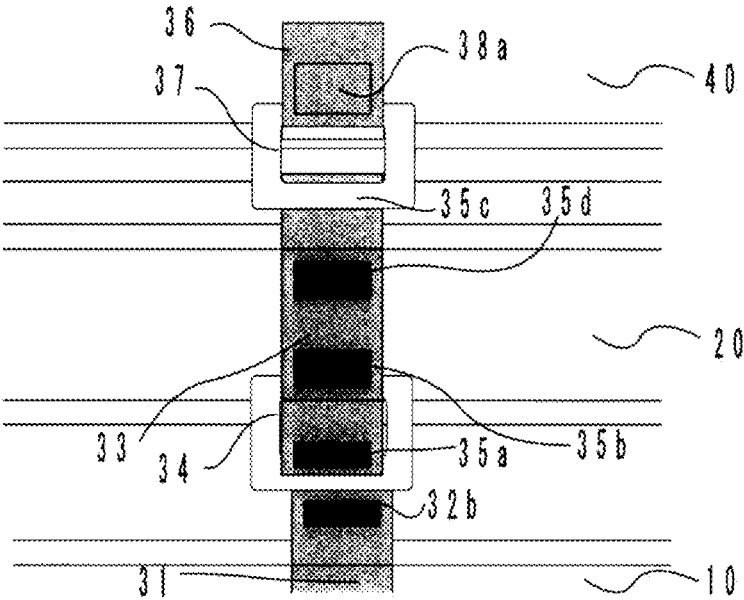
【FIG 19】



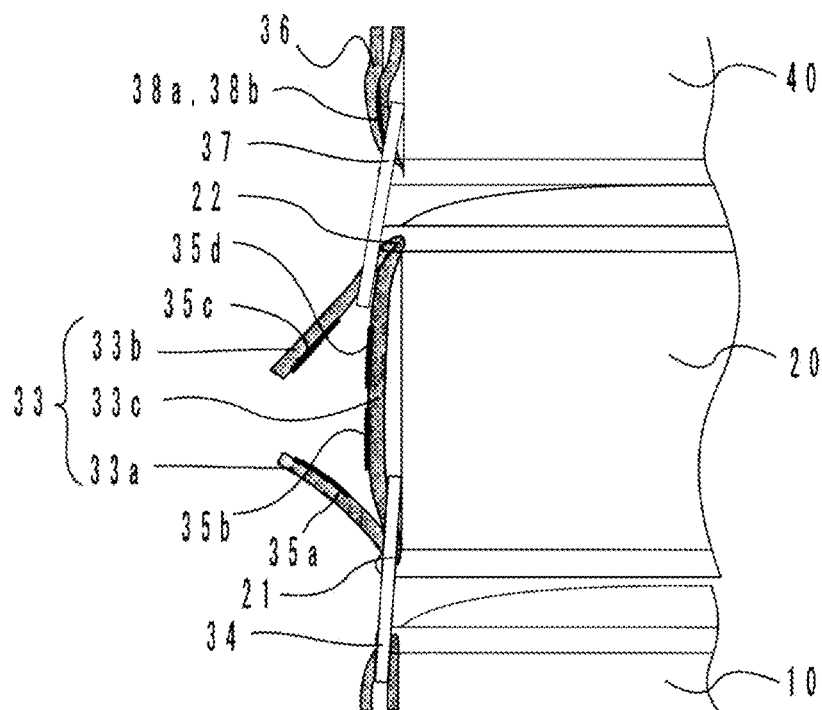
【FIG 20】



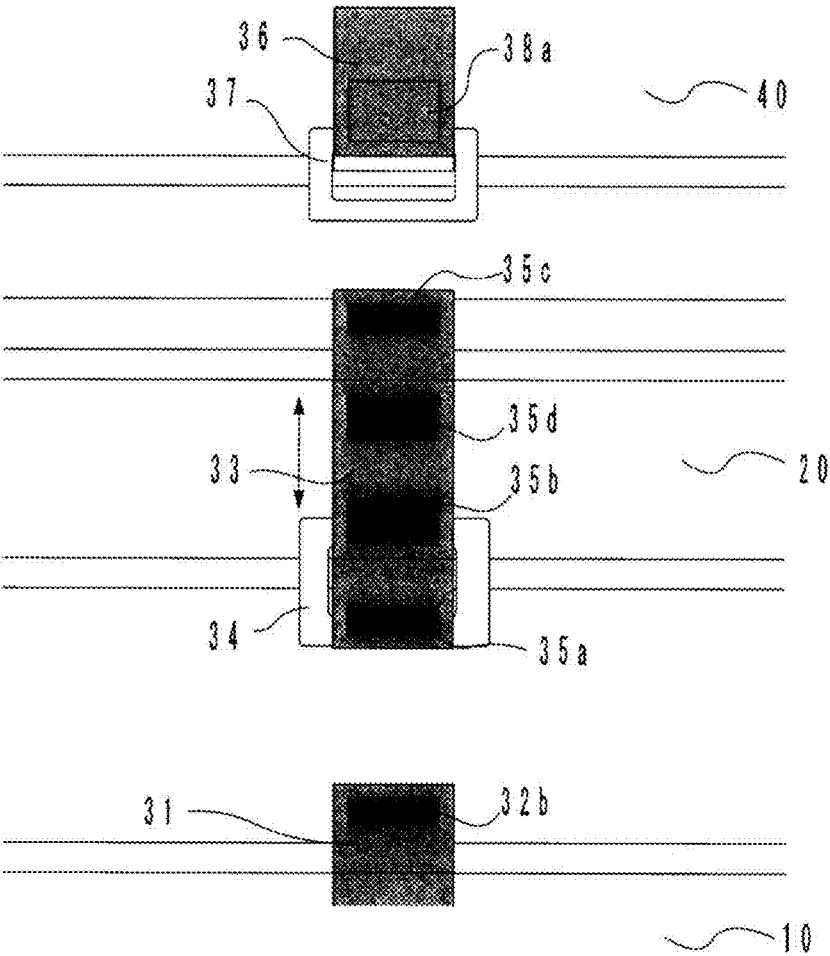
【FIG 21】



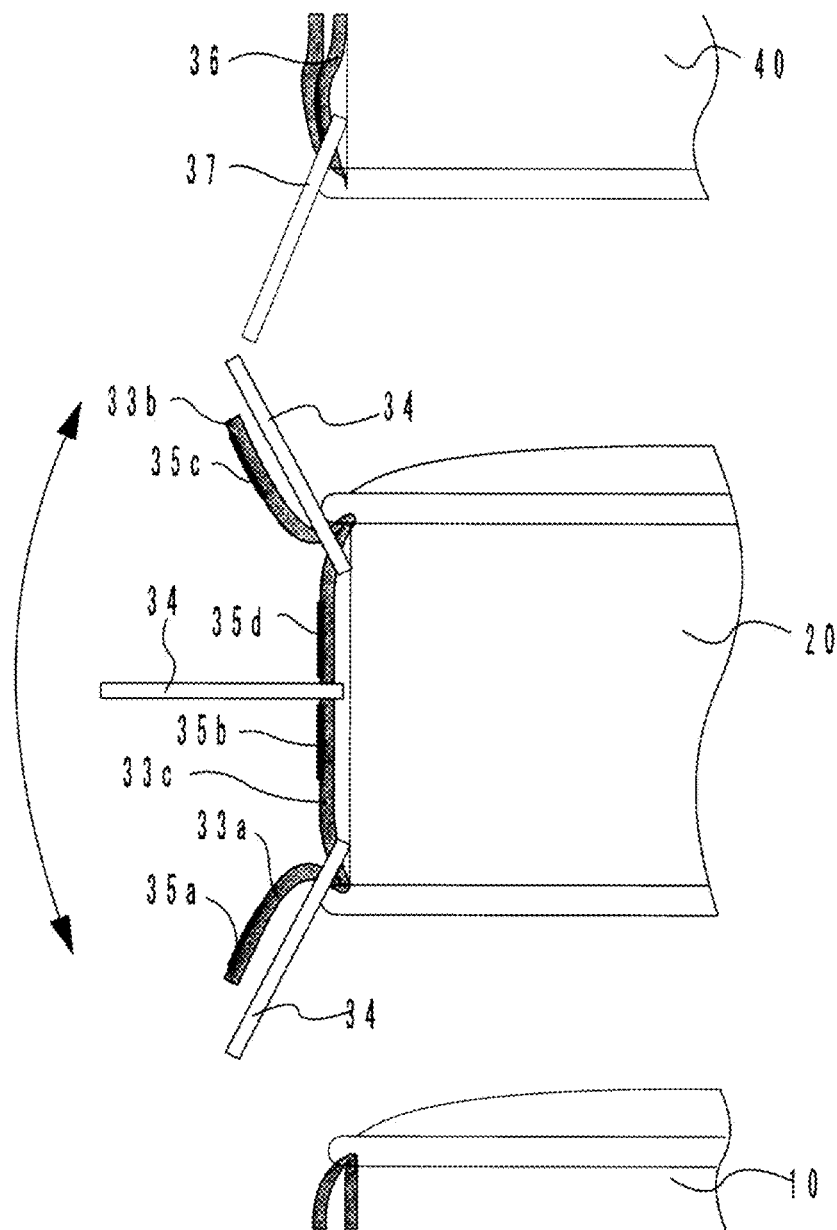
【FIG 22】



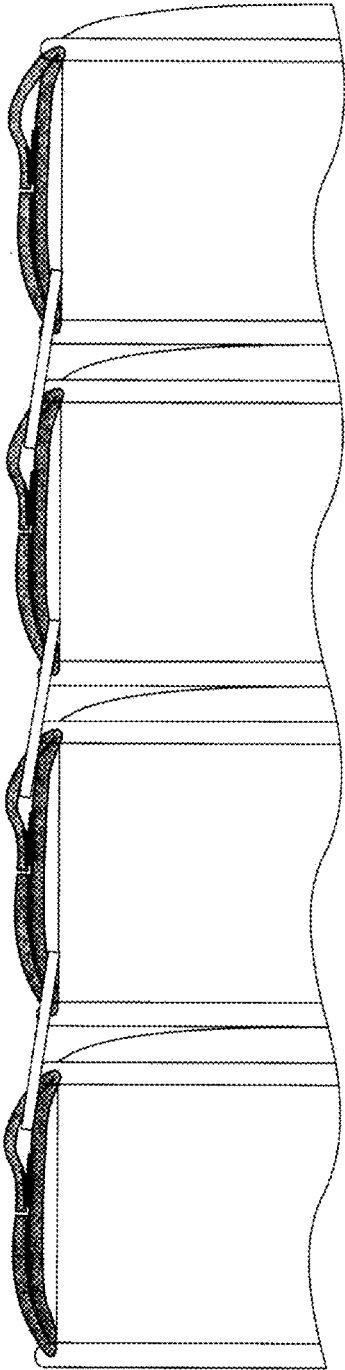
【FIG 23】



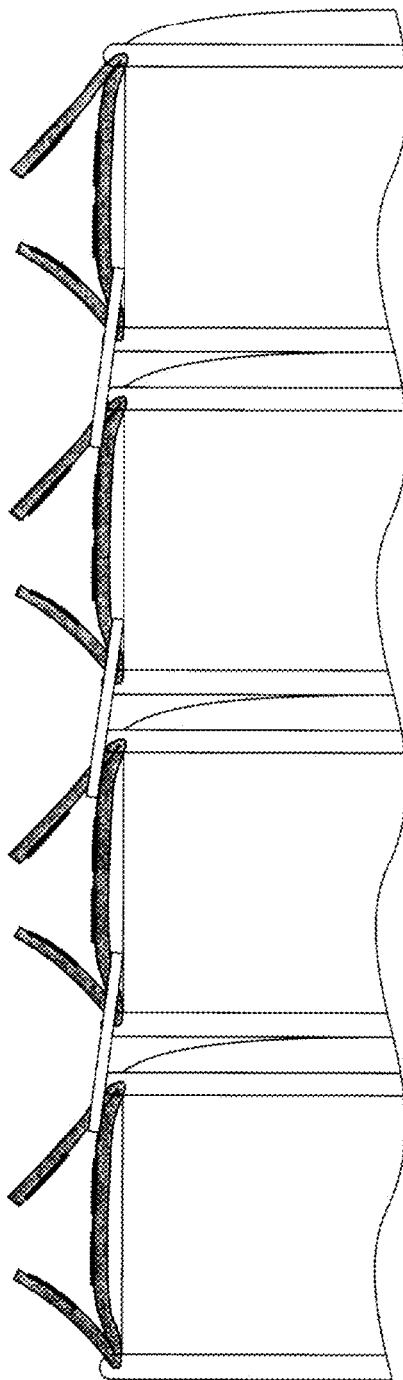
【FIG 24】



【FIG 25】



【FIG 26】



MATTRESS

TECHNICAL FIELD

[0001] The present invention relates to a plurality of mattresses stacked.

BACKGROUND ART

[0002] Conventionally, when stacking a plurality of mattresses, the mattresses are merely stacked without fixing mattresses, and are fixed the four corners of the mattress by rubber.

PRIOR ART REFERENCE

Patent Reference

[0003] Patent reference 1: Jpn. Pat. Appln. KOKAI Publication No. 2011-229623

Patent reference 2: Jpn. Pat. Appln. KOKAI Publication No. 2002-315651

SUMMARY OF INVENTION

Problem to be Solved by Invention

[0004] However, gap arises only by stacking a plurality of mattresses. If the four corners of a mattress are fixed by rubber, feeling of pressure will arise. Thus, it is difficult to fix a plurality of mattresses stably and comfortably use the mattresses.

[0005] Then, the present invention provides the mattress which can fix a plurality of mattresses stably.

Means for Solving Problem

[0006] A mattress according to one embodiment of the present invention comprising a first mattress, a second mattress stacked on the first mattress, and a fixing member fixing the first mattress and the second mattress, the fixing member comprising a first belt attached to a side surface of the first mattress, a second belt having a first fixing part and a second fixing part, the first fixing part fixed to a lower end part in a side surface of the second mattress, and the second fixing part fixed to an upper end part in the side surface of the second mattress, and a first connecting tool passed to the second belt and moving from the upper end part to the lower end part in the side surface of the second mattress, the first mattress and the second mattress fixed by passing the first belt to the first connecting tool.

Effect of Invention

[0007] The present invention can provide the mattress which can fix a plurality of mattresses stably.

BRIEF DESCRIPTION OF DRAWINGS

[0008] FIG. 1 The top view shows the mattress stacked in two-stage according to a first embodiment.

[0009] FIG. 2 The side view shows the mattress stacked in two-stage according to the first embodiment.

[0010] FIG. 3 The figure shows the state at the time of separation of the mattress stacked in two-stage of FIG. 2.

[0011] FIG. 4 The figure shows a state when the mattress stacked in two-stage of FIG. 2 is turned over.

[0012] FIG. 5 The front view shows the mattress stacked in two-stage at the time of fixing according to the first embodiment.

[0013] FIG. 6 The side view shows the mattress stacked in two-stage at the time of fixing according to the first embodiment.

[0014] FIG. 7 The enlarged view shows the mattress stacked in two-stage at the time of separation according to the first embodiment.

[0015] FIG. 8 The side view shows the mattress stacked in two-stage at the time of separation according to the first embodiment.

[0016] FIG. 9 The side view shows the mattress stacked in three-stage according to a second embodiment.

[0017] FIG. 10 The figure shows a state when the mattress stacked in three-stage of FIG. 9 is separated and it turns over.

[0018] FIG. 11 The front view shows the mattress stacked in three-stage at the time of fixing according to the second embodiment.

[0019] FIG. 12 The side view shows the mattress stacked in three-stage at the time of fixing according to the second embodiment.

[0020] FIG. 13 The front view shows the mattress stacked in three-stage at the time of attachment and detachment according to the second embodiment.

[0021] FIG. 14 The side view shows the mattress stacked in three-stage at the time of attachment and detachment according to the second embodiment.

[0022] FIG. 15 The front view shows the mattress stacked in three-stage at the time of separation according to the second embodiment.

[0023] FIG. 16 The side view shows the mattress stacked in three-stage at the time of separation according to the second embodiment.

[0024] FIG. 17 The side view shows the mattress stacked in four or more stage according to the second embodiment.

[0025] FIG. 18 The side view shows the mattress stacked in four or more stage according to the second embodiment.

[0026] FIG. 19 The front view shows the mattress stacked in three-stage at the time of fixing according to a third embodiment.

[0027] FIG. 20 The side view shows the mattress stacked in three-stage at the time of fixing according to the third embodiment.

[0028] FIG. 21 The front view shows the mattress stacked in three-stage at the time of attachment and detachment according to the third embodiment.

[0029] FIG. 22 The side view shows the mattress stacked in three-stage at the time of attachment and detachment according to the third embodiment.

[0030] FIG. 23 The front view shows the mattress stacked in three-stage at the time of separation according to the third embodiment.

[0031] FIG. 24 The side view shows the mattress stacked in three-stage at the time of separation according to the third embodiment.

[0032] FIG. 25 The side view shows the mattress stacked in four or more stage according to the third embodiment.

[0033] FIG. 26 The side view shows the mattress stacked in four or more stage according to the third embodiment.

MODES FOR CARRYING OUT INVENTION

[0034] Hereinafter, referring to an attached drawing, it describes about an embodiment. In the following descrip-

tions, a common reference mark is attached about the element which has the same function and composition.

[1] First Embodiment

[0035] The first embodiment is an example at the time of making a mattress into a stacked two-stage.

[1-1] Entire Structure

[0036] FIG. 1 and FIG. 2 show the top view and the side view of the mattress stacked in two-stage according to a first embodiment. Hereinafter, it describes about the entire structure of the mattress stacked in two-stage according to a first embodiment.

[0037] As shown in FIG. 1 and FIG. 2, in the first embodiment, the two mattresses **10** and **20** are stacked, and the mattresses **10** and **20** are fixed with the fixing member **30**.

[0038] The mattress **10** comprises the spring part **10a** which has a plurality of springs and the cushion part **10b**. The spring part **10a** and the cushion part **10b** have the structure of a common mattress.

[0039] The mattress **20** comprises a cushion part and has thickness of about the same as the cushion part **10a** of the mattress **10**.

[0040] Every two fixing members **30** are provided by the both side surfaces in the longitudinal direction of the mattresses **10** and **20**, respectively, and are fixing the mattresses **10** and **20** at four places, for example. However, a fixed place is not limited to the position or number to illustrate, but can be changed variously. It is desirable that the distance D from the end of the side surface of the mattresses **10** and **20** to the fixing member **30** is equal to each other.

[1-2] Reversible Function

[0041] FIG. 3 shows the state at the time of separation of the mattress stacked in two-stage of FIG. 2, and FIG. 4 shows a state when an upper mattress (topper is called hereafter) is over turned among the mattresses stacked in two-stage of FIG. 2. Hereinafter, it describes about the reversible function of the mattress stacked in two-stage according to the first embodiment.

[0042] As shown in FIG. 3 and FIG. 4, the topper **20** can be turned over and used. That is, the topper **20** can also use the A surface as the front surface, and the B surface as the front surface.

[0043] The front surface and the back surface (the A surface and the B surface) have a different material of resilience, breathability, and moisture retention, for example. The topper **20** has low rebounding, high rebounding, an object for summer, an object for winter, etc. Thereby, the topper **20** is usable in reversible according to liking of a season and a user.

[1-3] Fixing and Separation Method

[0044] FIG. 5 and FIG. 6 show the enlarged view of the mattress stacked in two-stage at the time of fixing according to the first embodiment. FIG. 7 and FIG. 8 show the enlarged view of the mattress stacked in two-stage at the time of separation according to the first embodiment. Hereinafter, it describes about the fixing and the separation method of the mattress stacked in two-stage according to the first embodiment.

[0045] As shown in FIG. 5 and FIG. 6, the fixing member **30** for fixing when the mattress **10** and the topper **20** are stacked, is provided. The fixing member **30** has the belts **31** and **33** and the ring (connecting tool) **34**.

[0046] The belt **31** is attached to the side surface of the mattress **10**. The one end of the belt **31** is fixed to the lower end part (fixing part **11**) in the side surface of the cushion part **10b** of the mattress **10**. The length of the belt **31** has a desirable degree (for example, about 2 times of the thickness of the cushion part **10b** of the mattress **10**) which can be folded back through the ring **34**.

[0047] Velcro **32a** and **32b** is provided by the surface of the both ends of the belt **31**, respectively. As for Velcro **32a** provided near the fixing part **11** of the belt **31**, it is desirable for area to be wider than Velcro **32b** provided near the end of the belt **31**. Instead of Velcro **32a** and **32b**, it may be any fixable member, such as a snap button.

[0048] The belt **33** is attached to the side surface of the topper **20**. One end of the belt **33** is fixed to the lower end part (fixing part **21**) in the side surface of the topper **20**, and the other end of the belt **33** is fixed to the upper end part (fixing part **22**) in the side surface of the topper **20**.

[0049] The fixing method of the belts **31** and **33** may be sewn in to the tape edge of the mattress **10** and the topper **20**, and may be fixed with a tag pin etc., for example. As the belts **31** and **33**, cloth, vinyl, leather, etc. are used, for example.

[0050] The ring **34** is passed through the belt **33** of the topper **20**. The ring **34** is movable and it can move it freely from the upper end part (fixing part **22**) to a lower end part (fixing part **21**) in the side surface of the topper **20**. The ring **34** consists of a buckle material (for example, iron and a nickel plate), a plastic, a synthetic resin, etc., for example. The ring **34** may be in any shape, such as a square, a rectangle, a hexagon, a circle, and an ellipse, for example. Although one ring **34** is provided to the one belt **33**, the ring **34** may be provided two or more to strengthen more.

[0051] As shown in FIG. 7 and FIG. 8, Velcro **32a** and **32b** of the belt **31** of the mattress **10** are peeled and the belt **31** is removed from the ring **34** at the time of separation of the mattress **10** and the topper **20**. When using the B surface of the topper **20** as the front surface, the topper **20** is turned over, the belt **31** is passed through the ring **34** and is fixed by Velcro **32a** and **32b**. At this time, because the ring **34** of the fixing member **30** can move the belt **33** freely up and down, even if turn over the topper **20**, the position which fixes the mattress **10** and the topper **20** does not change.

[1-4] Effect

[0052] According to the first embodiment, when the mattress **10** and topper **20** are stacked into two-stage, by fixing the mattress **10** and the topper **20** with the fixing member **30**, generating of gap is inhibited and more stable use is enabled.

[0053] Even if the topper **20** is turned over, the ring **34** passed to the belt **33** can move to go up and down freely, and the mattress **10** and the topper **20** can be fixed. Thus, also when the topper **20** is usable in reversible, the mattress **10** and the topper **20** can be stably fixed by using the ring **34** of working.

[0054] The topper **20** can be used reversibly in the front surface and the back surface. That is, it can turn over by removing the fixing member **30**, and can use it stably. For this reason, the adjustment according to hardness and a season can be used by using the cushion with which hard-

ness and breathability etc. are different in the front surface and the back surface of the topper 20.

[0055] In the first embodiment, the state (the state of using the A surface, and the state of using the B surface) which attached the topper 20, and the state which the topper 20 is removed, three kinds of feeling in bed can be changed freely.

[0056] The mattress 10 and the topper 20 are fixed with the fixing member 30 at four places. By this, unlike the case of using the fastener and sewing of the whole circumference, it can reduce the feeling of pressure when sleeping and be used comfortably.

[0057] The topper 20 can be removed from the mattress 10. For this reason, another person is used as a mattress the removed topper 20 in different places. The removed topper 20 can be used separately to the mattress 10 of the body.

[0058] Since the conventional mattress is heavy, it is difficult to shade-dry. On the other hand, in the first embodiment, since the topper 20 is separable, it becomes easy to dry the topper 20.

[0059] When the topper 20 is exhausted, it can be used for a long time the mattress 10 itself by exchanging only the topper 20.

[2] Second Embodiment

[0060] The second embodiment is an example at the time of making a mattress into a stacked three-step. In the second embodiment, it mainly describes about a different point from the first embodiment.

[2-1] Entire Structure

[0061] FIG. 9 shows the side view of the mattress stacked in three-stage according to the second embodiment. FIG. 10 shows separation of the mattress stacked in three-stage of FIG. 9, and a state when it turns over. Hereinafter, it describes about the entire structure of the mattress stacked in three-stage according to the second embodiment.

[0062] As shown in FIG. 9 and FIG. 10, in the second embodiment, the three mattresses 10, 20, and 40 are stacked, and the mattresses 10, 20, and 40 are fixed with the fixing member 30.

[0063] Among the mattresses 10, 20, and 40, the two upper mattresses 20 and 40 (topper is called hereafter) can separate from the mattress 10, and can use by turning over. The topper 40 has structure which is different with the front surface and the back surface (A surface and B surface) like the topper 20 of the first embodiment. It is also possible to place the topper 40 directly on the mattress 10 by replacing the topper 20 and the topper 40.

[0064] Every two fixing members 30 are provided by the both side surfaces in the longitudinal direction of the mattress 10 and the topper 20 and 40, respectively, and are fixing the mattress 10 and the topper 20 and 40 at four places, for example. However, a fixed place is not limited to the position or number to illustrate, but can be changed variously. It is desirable that the distance D from the end of the side surface of the mattresses 10 and the topper 20 and 40 to the fixing member 30 is equal to each other.

[2-2] Fixing, Attachment and Detachment, and Separation Method

[0065] FIG. 11 and FIG. 12 show the enlarged view of the mattress stacked in three-stage at the time of fixing according to the second embodiment. FIG. 13 and FIG. 14 show the

enlarged view of the mattress stacked in three-stage at the time of attachment and detachment according to the second embodiment. FIG. 15 and FIG. 16 show the enlarged view of the mattress stacked in three-stage at the time of separation according to the second embodiment. Hereinafter, it describes about fixing of the mattress stacked in three-stage, attachment and detachment, and separation method according to the second embodiment.

[0066] As shown in FIG. 11 and FIG. 12, The fixing member 30 for fixing when the mattress 10 and the topper 20 and 40 are stacked, is provided. The fixing member 30 has the belts 31, 33, and 36 and the rings (connecting tool) 34 and 37.

[0067] The belt 31 is the same structure as the first embodiment. That is, one end of the belt 31 is fixed to the lower end part (fixing part 11) in the side surface of the cushion part 10b of the mattress 10, and Velcro 32a and 32b is provided by the surface of the both ends of the belt 31, respectively.

[0068] The belt 33 is attached to the side surface of the topper 20. The belt 33 has the first portion 33a, the second portion 33b, and the center portion 33c. The boundary part of the first portion 33a and the center portion 33c of the belt 33 is fixed to the lower end part (fixing part 21) in the side surface of the topper 20, and the boundary part of the second portion 33b and the center portion 33c of the belt 33 is fixed to the upper end part (fixing part 22) in the side surface of the topper 20. The length of the belt 33 has a desirable degree (for example, about 3 times of the thickness of the topper 20) which can be folded back through the rings 34 and 37.

[0069] Velcro 35a and 35c is provided to both sides of the first portion 33a on the belt 33, respectively, Velcro 35b is provided on the second portion 33b, and Velcro 35d is provided on the center portion 33c. At the time of fixing, Velcro 35a and 35b is fixed, and Velcro 35c and 35d is fixed.

[0070] At the time of fixing, the end of the first portion 33a of the belt 33 is fixed to near the fixing part 22 by Velcro 35c and 35d, and the end of the second portion 33b of the belt 33 is fixed to near the fixing part 21 by Velcro 35a and 35b. That is, the belt 33 at the time of fixing has a three-layer structure which the center portion 33c, the first portion 33a, and the second portion 33b stacked in order.

[0071] The belt 36 is attached to the side surface of the topper 40, and has the same structure as the belt 33. That is, the belt 36 has the first portion 36a, the second portion 36b, and the center portion 36c. The boundary part of the first portion 36a and the center portion 36c of the belt 36 is fixed to the lower end part (fixing part 41) in the side surface of the topper 40, and the boundary part of the second portion 36b and the center portion 36c of the belt 36 is fixed to the upper end part (fixing part 42) in the side surface of the topper 40. The length of the belt 36 has a desirable degree (for example, about 3 times of the thickness of the topper 40) which can be folded back through the ring 37.

[0072] Velcro 38a and 38c is provided to both sides of the first portion 36a on the belt 36, respectively, Velcro 38b is provided on the second portion 36b, and Velcro 38d is provided on the center portion 36c. At the time of fixing, Velcro 38a and 38b is fixed, and Velcro 38c and 38d is fixed.

[0073] At the time of fixing, the end of the first portion 36a of the belt 36 is fixed to near the fixing part 42 by Velcro 38c and 38d, and the end of the second portion 36b of the belt 36 is fixed to near the fixing part 41 by Velcro 38a and 38b.

That is, the belt **36** at the time of fixing has a three-layer structure which the center portion **36c**, the first portion **36a**, and the second portion **36b** stacked in order.

[0074] The fixing method of the belts **31**, **33**, and **36** may be sewn in to the tape edge of the mattress **10** and the topper **20** and **40**, and may be fixed with a tag pin etc., for example. As the belts **31**, **33**, and **36**, cloth, vinyl, leather, etc. are used, for example.

[0075] The ring **37** is passed through the belt **36** of the topper **40**. The ring **37** is movable and it can move it freely from the upper end part (fixing part **42**) to a lower end part (fixing part **41**) in the side surface of the topper **40**.

[0076] As shown in FIG. 13 to FIG. 16, Velcro **35a** and **32b** of the belt **31** of the mattress **10** are peeled and the belt **31** is removed from the ring **34** at the time of separation of the mattress **10** and the topper **20** and **40**. Velcro **35a**, **35b**, **35c**, and **35d** of the belt **33** of the mattress **20** are peeled and the belt **33** is removed from the ring **37**. For example, when using the B surface of the topper **40** as the front surface, the topper **40** is turned over, the belt **33** is passed through the ring **37**, and is fixed by Velcro **35a**, **35b**, **35c**, and **35d**. At this time, because the ring **37** of the fixing member **30** can move the belt **36** freely up and down, even if turn over the topper **40**, the position which fixes the topper **20** and **40** does not change.

[2-3] Effect

[0077] It not only can obtain the same effect as the first embodiment of the above, but according to the second embodiment, it can obtain the still more nearly following effects.

[0078] According to the second embodiment, the mattresses **10**, **20**, and **40** are stacked three steps. For this reason, the two topper **20** and **40** can be used removing it, and this two topper **20** and **40** can be arranged horizontally, and it can be used as a mattress of double size.

[0079] The belts **33** and **36** of the topper **20** and **40** are the same structures. By this, the state which attached the topper **20** on the mattress **10** (the state of using the A surface and the state of using the B surface of the topper **20**), the state (the state of using the A surface and the state of using the B surface of the topper **40**) which attached the topper **20** and **40** on the mattress **10**, and the state where the topper **20** and **40** is removed, five kinds of feeling in bed can be changed freely. In the second embodiment, as shown in FIG. 17 and FIG. 18, it is also possible to stack a mattress on four or more steps.

[3] Third Embodiment

[0080] The third embodiment is a modification of the second embodiment and how to fix the belts **33** and **36** of the fixing member **30** differs. In the third embodiment, it mainly describes about a different point from the first and the second embodiments.

[3-1] Fixing, Attachment and Detachment, and Separation Method

[0081] FIG. 19 and FIG. 20 show the enlarged view of the mattress stacked in three-stage at the time of fixing according to the third embodiment. FIG. 21 and FIG. 22 show the enlarged view of the mattress stacked in three-stage at the time of attachment and detachment according to the third embodiment. FIG. 23 and FIG. 24 show the enlarged view

of the mattress stacked in three-stage at the time of separation according to the third embodiment. Hereinafter, it describes about fixing of the mattress stacked in three-stage according to the third embodiment, attachment and detachment, and separation method.

[0082] As shown in FIG. 19 to FIG. 24, in the third embodiment, a different point from the second embodiment is a fixing method of the belts **33** and **36**. At the third embodiment, the end of the first portion **33a** and the end of the second portion **33b** of the belt **33** are fixed to the center of the center portion **33c** by Velcro **35a**, **35b**, **35c**, and **35d** and the end of the first portion **36a** and the end of the second portion **36b** of the belt **36** are fixed to the center of the center portion **36c** by Velcro **38a**, **38b**, **38c**, and **38d** at the time of fixing of a mattress. The belts **33** and **36** are stacked in two-layer at the time of fixing of the mattress **10** and the topper **20** and **40**. The length of the belts **33** and **36** has a desirable degree (for example, about 2 times of the thickness of the topper **20** and **40**) which can be folded back through the rings **34** and **37**.

[0083] Velcro **32a** and **32b** of the belt **31** of the mattress **10** are peeled and the belt **31** is removed from the ring **34** at the time of separation of the mattress **10** and the topper **20** and **40**. Velcro **35a**, **35b**, **35c**, and **35d** of the belt **33** of the mattress **20** are peeled and the belt **33** is removed from the ring **37**. For example, when using the B surface of the topper **40** as the front surface, the topper **40** is turned over, the belt **33** is passed through the ring **37**, and is fixed by Velcro **35a**, **35b**, **35c**, and **35d**. At this time, because the ring **37** of the fixing member **30** can move the belt **36** freely up and down, even if turn over the topper **40**, the position which fixes the topper **20** and **40** does not change.

[3-2] Effect

[0084] It not only can obtain the same effect as the above the first and the second embodiments, but according to the third embodiment, it can obtain the still more nearly following effects.

[0085] According to the third embodiment, the belts **33** and **36** have stacked in two-layer at the time of fixing of the mattress **10** and the topper **20** and **40**. For this reason, rather than the second embodiment stacked in three-layer, the fixing member **30** can be downsized and fine sight nature can also improve.

[0086] In the third embodiment, as shown in FIG. 25 and FIG. 26, it is also possible to stack a mattress on four or more steps.

[0087] Although the embodiments of the present invention are described, these embodiments are shown as an example and limiting the scope of invention does not have intention of them. These new embodiments can be carried out with other various forms, are the ranges which do not deviate from the summary of invention, and versatility can omit and replace them and they can be changed.

DESCRIPTION OF REFERENCE NUMERALS

- [0088] **10** Mattress
- [0089] **11**, **21**, **22**, **41**, and **42** Fixing part
- [0090] **20** and **40** Topper (mattress)
- [0091] **30** Fixing member
- [0092] **31**, **33**, and **36** Belt

[0093] 32a, 32b, 35a, 35b, 35c, 35d, 38a, 38b, 38c, and 38d Velcro

[0094] 34 and 37 Ring.

1: A mattress comprising

a first mattress,

a second mattress stacked on the first mattress and being usable in reversible, and

a fixing member fixing the first mattress and the second mattress,

the fixing member comprising

a first belt having one end fixed to a lower end part of a side surface of the first mattress,

a second belt having a first fixing part and a second fixing part, the first fixing part fixed to a lower end part in a side surface of the second mattress, and the second fixing part fixed to an upper end part in the side surface of the second mattress,

a first connecting tool passed to the second belt and moving from the upper end part to the lower end part in the side surface of the second mattress, the first mattress and the second mattress fixed by passing the first belt to the first connecting tool, and

a first member attached to the first belt, the first belt folded back on the outside through the first connecting tool near the first fixing part or the second fixing part of the second belt, and the first member for fixing in overlapping the folded first belt on the side surface of the first mattress, and

wherein the one end and the other end of the first belt are fixed on the lower end parts of the side surface of the first mattress by the first member when fixing the first mattress and the second mattress.

2: The mattress according to claim 1, further comprising a third mattress stacked on the second mattress and being usable in reversible, and

wherein the fixing member fixes the first mattress, the second mattress, and the third mattress,

the second belt has a first portion, a second portion, and a first center portion placed between the first portion and the second portion,

the first fixing part is placed at a boundary of the first portion and the first center portion,

the second fixing part is placed at a boundary of the second portion and the first center portion,

at the time of fixing of the first to third mattresses, the second belt has a three-layer structure which the first portion and the second portion piled up on the first center portion, and

the fixing member further comprises

a second member attached to the second belt and for fixing in overlapping the first portion and the second portion on the first center portion,

a third belt having a third fixing part and a fourth fixing part, the third fixing part fixed to a lower end part in a side surface of the third mattress, and the fourth fixing part fixed to an upper end part in the side surface of the third mattress, and

a second connecting tool passed to the third belt and moving from the upper end part to the lower end part in the side surface of the third mattress, the second mattress and the third mattress fixed by passing the second belt to the second connecting tool.

3: The mattress according to claim 2, wherein the third belt has a third portion, a fourth portion, and a second center portion placed between the third portion and the fourth portion,

the third fixing part is placed at a boundary of the third portion and the second center portion,

the fourth fixing part is placed at a boundary of the fourth portion and the second center portion,

at the time of fixing of the first to third mattresses, the third belt has a three-layer structure which the third portion and the fourth portion piled up on the second center portion, and

the fixing member further comprises a third member attached to the third belt and for fixing in overlapping the third portion and the fourth portion on the second center portion.

4: The mattress according to claim 1, further comprising a third mattress stacked on the second mattress and being usable in reversible, and

wherein the fixing member fixes the first mattress, the second mattress, and the third mattress,

the second belt has a first portion, a second portion, and a first center portion placed between the first portion and the second portion,

the first fixing part is placed at a boundary of the first portion and the first center portion,

the second fixing part is placed at a boundary of the second portion and the first center portion,

at the time of fixing of the first to third mattresses, an end of the first portion and an end of the second portion are fixed to a center of the first center portion, and

the fixing member further comprises

a second member attached to the second belt and for fixing the end of the first portion and the end of the second portion on the center of the first center portion,

a third belt having a third fixing part and a fourth fixing part, the third fixing part fixed to a lower end part in a side surface of the third mattress, and the fourth fixing part fixed to an upper end part in the side surface of the third mattress, and

a second connecting tool passed to the third belt and moving from the upper end part to the lower end part in the side surface of the third mattress, the second mattress and the third mattress fixed by passing the second belt to the second connecting tool.

5: The mattress according to claim 4, wherein the third belt has a third portion, a fourth portion, and a second center portion placed between the third portion and the fourth portion,

the third fixing part is placed at a boundary of the third portion and the second center portion,

the fourth fixing part is placed at a boundary of the fourth portion and the second center portion,

at the time of fixing of the first to third mattresses, an end of the third portion and an end of the fourth portion are fixed to a center of the second center portion, and

the fixing member further comprises a third member attached to the third belt and for fixing the end of the third portion and the end of the fourth portion on the center of the second center portion.

6: The mattress according to claim 1, wherein the second mattress has a front surface and a back surface made of different materials.

7: The mattress according to claim 2, wherein the third mattress has a front surface and a back surface made of different materials.

8: The mattress according to claim 1, wherein a length of the first belt is twice a thickness of the first mattress.

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