Claims

1. A heating implement for body, comprising:

a first sheet having air-permeability;

a second sheet;

a heating element, intermediately arranged between said first sheet and said second sheet and containing an oxidizeable metal and a carbon component; and

an adhesive layer provided in one of external surfaces of said first sheet which is applied to a wearer side,

wherein a region without adhesive layer, in which none of said adhesive layer is disposed, is provided in at least a part of an external circumference section of said first sheet,

wherein following relations (a) and (b) are satisfied, and

wherein the heating implement is perfumed with a fragrance:

(a) a mass ratio of a content of said fragrance to a content of said carbon component in said heating implement (fragrance/carbon component) is equal to or higher than 0.32 and equal to or lower than 0.52; and

(b) the content of said carbon component in said heating implement is equal to or larger than 0.89 mg/cm^2 and equal to or smaller than 1.63 mg/cm^3.

2. The heating implement according to claim 1, wherein said heating implement comprises a fiber sheet or a paper perfumed with said fragrance between said heating element and said second sheet or in said second sheet.

3. The heating implement according to claim 2, wherein said paper is perfumed with said fragrance.

4. The heating implement according to any one of claims 1 to 3, wherein said heating element is housed in an inner bag, and is disposed between said first sheet and said second sheet.

5. The heating implement according to claim 4, wherein said inner bag is configured by joining circumference sections of a third sheet disposed in the side of said first sheet and a fourth sheet disposed in the side of said second sheet.

6. The heating implement according to claim 5, wherein air-permeability of said third sheet is equal to or lower than 5,000 second/100 ml.

7. The heating implement according to claim 5 or 6, wherein said fourth sheet is an air-impermeable sheet having substantially no air-permeability.

8. The heating implement according to any one of claims 5 to 7, wherein air-permeability of whole sheet layer comprising said second sheet and said fourth sheet is lower than air-permeability of whole sheet layer comprising said first sheet and said third sheet.

9. The heating implement according to any one of claims 1 to 8, wherein said adhesive layer contains at least one or more selected from acrylic-based resins, vinyl acetate-based resins, olefin-based resins and rubber-based resins.

10. The heating implement according to any one of claims 1 to 9, wherein said heating implement is adhesively put to a back of a body of a wearer.

11. The heating implement according to any one of claims 1 to 10, wherein said adhesive layer is provided in a region of said first sheet where none of said heating unit is disposed in plan view from the side of said first sheet.

12. The heating implement according to any one of claims 1 to 10, wherein said adhesive layer is provided so as to partially

overlap with said heating element in plan view of said heating implement from the side of said first sheet.

13. The heating implement according to any one of claims 1 to 12, wherein said adhesive layer includes a pair of first adhesive layers parallelly elongating in a single direction and being spaced apart from each other, and a second adhesive layer disposed in a region between a pair of said first adhesive layers and elongating in the same direction following the first adhesive layers.

14. The heating implement according to claim **11**, wherein said adhesive layer includes a pair of first adhesive layers parallelly elongating in a single direction and being spaced apart from each other, and a second adhesive layer disposed in a region between a pair of said first adhesive layers and elongating in the same direction following the first adhesive layers, and

wherein said heating element is positioned in an exposed region that is said region without adhesive layer formed between said first adhesive layer and said second adhesive layer in plan view of said heating implement.

15. The heating implement according to claim 13, wherein said region without adhesive layer is provided in all of section between said first adhesive layer and said second adhesive layer.

16. The heating implement according to any one of claims 1 to 15, wherein a release paper covering said adhesive layer is provided.

17. The heating implement according to claim 16, wherein said release paper is composed of at least a pair of releasing sections, and one of said releasing sections covers one first adhesive layer of said pair of first adhesive layers and a pair

of said second adhesive layers, and the other of said releasing sections covers the other first adhesive layer of said pair of the first adhesive layers.

18. The heating implement according to any one of claims 13 to 17, wherein said second adhesive layer is provided in vicinity of a vertical center line of said heating implement extending in transverse direction.

19. The heating implement according to any one of claims 13 to 18, wherein a plurality of said second adhesive layers are provided, and said plurality of second adhesive layers are located spaced apart from each other to form said region without adhesive layer, in which none of said adhesive layer is present.

20. The heating implement according to claim 19, wherein said plurality of second adhesive layers are arranged in symmetric positions across said vertical center line of said heating implement.

21. The heating implement according to claim 20, wherein said vertical center line is a folding line for said heating implement, and none of said adhesive layer is present on the folding line.

Claims

1. A heating implement for body, comprising:

a first sheet having air-permeability;

a second sheet;

a heating element, intermediately arranged between said first sheet and said second sheet and containing an oxidizeable metal and an activated carbon; and

an adhesive layer provided in one of external surfaces of said first sheet which is applied to a wearer side,

wherein a region without adhesive layer, in which none of said adhesive layer is disposed, is provided in at least a part of an external circumference section of said first sheet,

wherein following relations (a) and (b) are satisfied, and

wherein the heating implement is perfumed with a fragrance:

(a) a mass ratio of a content of said fragrance to a content of said activated carbon in said heating implement

(fragrance/activated carbon) is equal to or higher than 0.32 and equal to or lower than 0.52; and

(b) the content of said activated carbon in said heating implement is equal to or larger than $0.89mg/cm^2$ and equal to or smaller than $1.63mg/cm^2$.

2. The heating implement according to claim 1, wherein said heating implement comprises a fiber sheet or a paper perfumed with said fragrance between said heating element and said second sheet or in said second sheet.

3. The heating implement according to claim 2, wherein said paper is perfumed with said fragrance.

4. The heating implement according to any one of claims 1 to 3, wherein said heating element is housed in an inner bag to form a heating unit, and is disposed between said first sheet and said second sheet.

5. The heating implement according to claim 4, wherein said inner bag is configured by joining circumference sections of a third sheet disposed in the side of said first sheet and a fourth sheet disposed in the side of said second sheet.

6. The heating implement according to claim 5, wherein air-permeability of said third sheet is equal to or lower than 5,000 second/100 ml.

7. The heating implement according to claim 5 or 6, wherein said fourth sheet is an air-impermeable sheet having substantially no air-permeability.

8. The heating implement according to any one of claims 5 to 7, wherein air-permeability of whole sheet layer comprising said second sheet and said fourth sheet is lower than air-permeability of whole sheet layer comprising said first sheet and said third sheet.

9. The heating implement according to any one of claims 1 to 8, wherein said adhesive layer contains at least one or more selected from acrylic-based resins, vinyl acetate-based resins, olefin-based resins and rubber-based resins.

10. The heating implement according to any one of claims 1 to 9, wherein said heating implement is adhesively put to a back of a body of a wearer.

11. The heating implement according to any one of claims 4 to 10, wherein said adhesive layer is provided in a region of said first sheet where none of said heating unit is disposed in plan view from the side of said first sheet.

12. The heating implement according to any one of claims 1 to 10, wherein said adhesive layer is provided so as to partially

overlap with said heating element in plan view of said heating implement from the side of said first sheet.

13. The heating implement according to any one of claims 1 to 12, wherein said adhesive layer includes a pair of first adhesive layers parallelly elongating in a single direction and being spaced apart from each other, and a second adhesive layer disposed in a region between a pair of said first adhesive layers and elongating in the same direction following the first adhesive layers.

14. The heating implement according to claim 11, wherein said adhesive layer includes a pair of first adhesive layers parallelly elongating in a single direction and being spaced apart from each other, and a second adhesive layer disposed in a region between a pair of said first adhesive layers and elongating in the same direction following the first adhesive layers, and

wherein said heating element is positioned in an exposed region that is said region without adhesive layer formed between said first adhesive layer and said second adhesive layer in plan view of said heating implement.

15. The heating implement according to claim 13, wherein said region without adhesive layer is provided in all of section between said first adhesive layer and said second adhesive layer.

16. The heating implement according to any one of claims 1 to 15, wherein a release paper covering said adhesive layer is provided.

17. The heating implement according to claim 16, wherein said release paper is composed of at least a pair of releasing sections, and one of said releasing sections covers one first adhesive layer of said pair of first adhesive layers and a pair

of said second adhesive layers, and the other of said releasing sections covers the other first adhesive layer of said pair of the first adhesive layers.

18. The heating implement according to any one of claims 13 to 17, wherein said second adhesive layer is provided in vicinity of a vertical center line of said heating implement extending in transverse direction.

19. The heating implement according to any one of claims 13 to 18, wherein a plurality of said second adhesive layers are provided, and said plurality of second adhesive layers are located spaced apart from each other to form said region without adhesive layer, in which none of said adhesive layer is present.

20. The heating implement according to claim 19, wherein said plurality of second adhesive layers are arranged in symmetric positions across said vertical center line of said heating implement.

21. The heating implement according to claim 20, wherein said vertical center line is a folding line for said heating implement, and none of said adhesive layer is present on the folding line.