CLAIMS

[Claim 1]

An air-conditioning clothing, for air-conditioning an inner space that exists between a wearer and the air-conditioning clothing that is worn by the wearer, comprising:

a clothing body that configured to be worn by the wearer, wherein the clothing body includes a front portion located anteriorly to face the wearer's chest and abdomen, and a rear portion located posteriorly to face the wearer's back, in a state worn by the wearer;

a first attaching portion provided at the rear portion of the clothing body and having a first air-conditioning hole passing through between the inner and outer surfaces of the clothing body; wherein the first attaching portion is removable with a first temperature adjustment device that takes outside air into the air-conditioning clothing through the first air-conditioning hole,

a second attaching portion provided at the rear portion of the clothing body and having a second air-conditioning hole penetrating between the inner and outer surfaces of the clothing body; wherein the first attaching portion is removably attached to a second temperature adjustment device that takes outside air into the air-conditioning clothing through the second air-conditioning hole; and

a collar portion provided at the upper end of the clothing body, wherein the collar portion extends upward and covers at least the back of the wearer's head above the wearer's neck when the air-conditioning clothing is worn by the wearer,

wherein, when the air-conditioning clothing is air-conditioned, an airflow passage is formed through which outside air taken into the clothing body flows through the first air conditioning hole and the second air conditioning hole,

in the airflow passage, the outside air passes through and flows through

a rear air-conditioned space that exists between the rear portion of the clothing body and the back of the wearer, towards between the inner surface of the collar portion and the back of the wearer's head above the wearer's neck, and

wherein the collar portion has a shape that covers at least the rear of the wearer's head.

[Claim 2]

The air-conditioning clothing according to claim 1, wherein, in order to maintain the shape, the collar portion is partially or entirely provided with a reinforcing member.

[Claim 3]

The air-conditioning clothing according to claim 2, wherein the reinforcing member is a reinforcing cloth or an interlining.

[Claim 4]

The air-conditioning clothing according to claim 1, wherein the collar portion is continuously provided from the upper end of the rear portion of the clothing body to the upper end of the front portion of the clothing body.

[Claim 5]

The air-conditioning clothing according to claim 4, wherein a height of the collar portion gradually decreases from a portion of the collar portion facing a temporal portion of the wearer toward anteriorly.

[Claim 6]

The air-conditioning clothing according to claim 5, wherein a height of the collar portion gradually decreases toward anteriorly, above the upper end of the front portion of the clothing body.

[Claim 7]

The air-conditioning clothing according to claim 6,

wherein an expanded planar shape of the collar portion is symmetrical in the lateral direction of the collar portion,

wherein a height from the lower end to the upper end of a central portion in the horizontal direction of the collar portion is the highest, and

wherein a height from the lower end to the upper end of both ends of the collar portion in the horizontal direction is the lowest.

[Claim 8]

The air-conditioning clothing according to claim 7,

wherein an upper end of a planar shape obtained by expanding the collar portion is convex, and

wherein an lower end of a planar shape obtained by expanding the collar portion is concave.

[Claim 9]

The air-conditioning clothing according to claim 3,

wherein the collar portion comprises;

a first fabric forming an inner surface of the collar portion;

a second fabric forming an outer surface of the collar portion;

an inner core member that is fixed to at least one of the first fabric and the second fabric and constitutes the reinforcing member,

wherein the upper end of the clothing body is sandwiched and fixed between a lower end of the first fabric and a lower end of the second fabric, thereby connecting the upper end of the clothing body and the lower end of the collar portion.

[Claim 10]

The air-conditioning clothing according to claim 9, wherein the collar portion further includes a storage section provided in the first fabric on an inner surface of the collar portion.

[Claim 11]

The air-conditioning clothing according to claim 9,

wherein, in a state where a first folded portion, obtained by folding back

an upper end of the first fabric so as to sandwich an upper end of the inner core member, and a second folded portion, obtained by folding back an upper end of the second fabric, are pasted together,

the first folded portion and the second folded portion are continuously sewn together with the upper end of the inner core member at a first seam along the upper edge of the collar portion, from the inner surface to the outer surface of the collar portion, and

wherein, in a state where a third folded portion obtained by folding back a lower end of the first fabric so as to sandwich an lower end of the inner core member, and a fourth folded portion obtained by folding back an lower end of the second fabric, are stuck together,

the third folded portion and the fourth folded portion are continuously sewn together with the lower end of the inner core member and the upper end of the clothing body at a second seam along the lower end of the collar portion, from the inner surface to the outer surface of the collar portion.

[Claim 12]

The air-conditioning clothing according to claim 11,

wherein an end portion of the first fabric at the first folded portion and an end portion of the second fabric at the second folded portion are sewn together continuously at a third seam, the third seam is located along the first seam and closer to the upper end of the collar portion than the first seam, and

wherein the end portion of the first fabric at the third folded portion and the end portion of the second fabric at the fourth folded portion are sewn together continuously at a fourth seam, the fourth seam is located along the second seam and closer to the lower end of the collar portion than the second seam.

[Claim 13]

The air-conditioning clothing according to claim 9, wherein the collar

portion is configured to fold along the upper end of the clothing body such that the upper portion of the collar portion overlaps at least a portion of the lower portion of the collar portion.

[Claim 14]

The air-conditioning clothing according to claim 10,

wherein the collar portion further includes a reinforcing core member that is harder than the first fabric and the second fabric, the reinforcing core member is provided between the first fabric and the second fabric, and the reinforcing core member extends in a lateral direction centered on a center portion of the collar portion facing the back of the wearer's head above the wearer's neck.

[Claim 15]

The air-conditioning clothing according to claim 14, wherein a position of an upper end of the reinforcing core member is the same as a position of the upper end of the storage portion.