between the leg elastic member 43 and the body-fitting elastic member 45 in the front cover sheet 41, the lower portion of the front cover sheet 41 can be brought into close contact with the wearer. Since the rear auxiliary elastic member 472 is provided between the leg elastic member 43 and the body-fitting elastic member 45 in the rear cover sheet 42, the lower portion of the rear cover sheet 42 can be brought into close contact with the wearer. The front auxiliary elastic member 471 and the rear auxiliary elastic member 472 curvedly extend, and therefore portions, in wide ranges of the up-down direction, of the front cover sheet 41 and the rear cover sheet 42 can be brought into close contact with the wearer.

［0055］

As above, in the disposable diaper 1, it is possible to suppress leakage of excrement from a lower portion of the back side of the wearer. Thus, structure of the disposable diaper 1 is especially suitable for a pants-type disposable diaper which is often used by an ambulatory wearer who takes various body positions. In the disposable diaper 1, the lower end portion of the front cover sheet 41 can be prevented from interfering with leg movement of the wearer. Also from this viewpoint, it is considered that structure of the disposable diaper 1 is especially suitable for a pants-type disposable diaper.

［0056］

Though the preferred embodiments of the present invention have been discussed above, the present invention is not limited to the above-discussed preferred embodiments, but allows various variations.

［0057］

For example, the lower edges 412, 422 of the front cover sheet 41 and the rear cover sheet 42 do not necessarily lie across the entire lengths of the areas overlapping with the absorbent body 2, in a linear fashion parallel with the left-right direction. In the case where the width of the absorbent body 2 in the left-right direction is larger than that shown in Fig. 3 or the like, a side portion of the absorbent body 2 may overlap with curving portions of the lower edges 412, 422. The lower edges 412, 422 may be made non-straight across the entire lengths, in the left-right direction, of the areas overlapping with the absorbent body 2 as appropriate.

~~［0058］~~

~~The front auxiliary elastic member 471 is not necessarily brought away in the up-down direction from the body-fitting elastic member 45, and for example a portion, which is close to the upper edge 411, of the front auxiliary elastic member 471 may be overlapped with the body-fitting elastic member 45. In the disposable diaper 1, either or both the front auxiliary elastic member 471 and the rear auxiliary elastic member 472 may be omitted, if the lower portion(s) of the cover sheet 4 can be sufficiently brought into close contact with the wearer.~~

［0059<u>8</u>］

In the above disposable diaper 1, the leg elastic members 43, the front auxiliary elastic member 471 and the rear auxiliary elastic member 472, and the lower edge 412 of the front cover sheet 41 and the lower edge 422 of the rear cover sheet 42 are almost arc-like on each side of the absorbent body 2 in the left-right direction, however they

may be other various shapes. For example, in a developed state of a disposable diaper 1a shown in Fig. 8, with increasing distance from the absorbent body 2 in the left-right direction, the lower edge 412 of the front cover sheet 41, the leg elastic member 43 and the front auxiliary elastic member 471 go in a direction toward the upper edge 411 of the front cover sheet 41 in a linear fashion, subsequently go in a direction in nearly parallel with the left-right direction in a linear fashion, and then go in a direction away from the upper edge 411 of the front cover sheet 41 in a linear fashion. The lower edge 422 of the rear cover sheet 42, the leg elastic member 43 and the rear auxiliary elastic member（not shown）go in a direction away from the upper edge 421 of the rear cover sheet 42 in a linear fashion, subsequently go in a direction in nearly parallel with the left-right direction in a linear fashion, and then go in a direction toward the upper edge 421 of the rear cover sheet 42 in a linear fashion, with increasing distance from the absorbent body 2 in the left-right direction.

［006~~0~~59］

In manufacture of the disposable diaper 1, there may be a case where widths of the first sheet 84a and the second sheet 84b in the width direction are equal to each other and the waist elastic members 844 are bonded between the first sheet 84a and the second sheet 84b in step S11 in the same way as the leg elastic members 843 and the like. The body-fitting elastic members 845 may be located and bonded not between the first sheet 84a and the second sheet 84b but between the second sheet 84b and the end holding sheets 85.

［006~~1~~0］

In the disposable diaper 1, the lower edge 412 of the front cover sheet 41 does not necessarily have a same shape as the lower edge 422 of the rear cover sheet 42. For example, if it is preferred that a portion, covering the vicinity of the groin（the base of the legs）on the front side, of the front cover sheet 41 is made larger, on both left and right sides of the absorbent body 2, the lower edge 412 of the front cover sheet 41 may be made straight in nearly parallel with the left-right direction without change of shape of the lower edge 422 in the rear cover sheet 42. In this case, the front cover sheet 41 and the rear cover sheet 42 can be formed not only by cutting one sheet member into two at one cutting line, but also by removing an unnecessary portion from the one sheet or the like.

［006~~2~~1］

In the disposable diaper 1, both side portions（i.e., both end portions in the left-right direction）of the front cover sheet 41 are not necessarily bonded to both side portions of the rear cover sheet 42. For example, there may be a case where fastening tapes are provided on the both side portions of the rear cover sheet 42, the fastening tapes are fastened on an attachment part provided on the outer surface of the front cover sheet 41 and therefore the both side portions of the front cover sheet 41 are connected to the both side portions of the rear cover sheet 42. In other words, the disposable diaper 1 may be an open-type（tape-type）disposable diaper where the both side portions of the

front cover sheet 41 are connectable to the both side portions of the rear cover sheet 42.

[0063~~2~~]

In the pants-type disposable diaper 1, there may be a case where an attachment part is provided on the outer surface of the front cover sheet 41, weakening lines such as perforations each extending in the up-down direction are formed in left and right of the attachment part on the front cover sheet and the fastening parts are provided on portions lying outside respective weakening lines in the left-right direction. In beginning of use, the disposable diaper having such structure is worn as pants-type. When a caregiver or the like confirms a state of the inside, the front cover sheet 41 is cut at the weakening lines and the state of the inside is confirmed. At this time, if excretion has not been performed and the disposable diaper can be used continuously, the fastening parts lying outside the weakening lines are fastened on the attachment part to continue using the disposable diaper. In addition, structure of the disposable diaper 1 can be adapted to various absorbent products such as a disposable sanitary diaper.

[0064~~3~~]

The constituent elements of above-discussed preferred embodiments and modified examples may be appropriately combined with one another, as long as they are not mutually exclusive.

~~[0065]~~

~~While the invention has been shown and described in detail, the foregoing description is in all aspects illustrative and not restrictive. It is therefore understood that numerous modifications and variations can be devised without departing from the scope of the invention.~~

[Reference Signs List]

[0066~~4~~]

1, 1a disposable diaper
2 absorbent body
41 front cover sheet
42 rear cover sheet
43 leg elastic member
44 waist elastic member
45 body-fitting elastic member
84 sheet member
411, 421 upper edge
412, 422 lower edge
471 front auxiliary elastic member
472 rear auxiliary elastic member
841 front-cover-sheet continuous body
842 rear-cover-sheet continuous body
843 leg elastic member

［CLAIMS］

［Claim 1］

An absorbent product, comprising:

a rear cover sheet;

a front cover sheet whose both side portions in a left-right direction are bonded or connectable to both side portions of said rear cover sheet in said left-right direction;

an absorbent body which extends from a front middle portion of said front cover sheet to a rear middle portion of said rear cover sheet via a crotch portion of a wearer when worn, said front middle portion being a middle portion in said left-right direction, said rear middle portion being a middle portion in said left-right direction;

waist elastic members which are bonded on said front cover sheet and said rear cover sheet along an upper edge of said front cover sheet and an upper edge of said rear cover sheet; ~~and~~

leg elastic members which are bonded on said front cover sheet and said rear cover sheet in left and right of said absorbent body, said leg elastic members lying along a lower edge of said front cover sheet and a lower edge of said rear cover sheet; and

body-fitting elastic members extending in said left-right direction, lying between said waist elastic members and said leg elastic members and being bonded on said front cover sheet and said rear cover sheet; wherein

in a developed state where said front cover sheet and said rear cover sheet are separated from each other to be developed, as distance in said left-right direction from said absorbent body increases, said lower edge of said rear cover sheet goes away from said upper edge of said rear cover sheet and then goes toward said upper edge,

and characterized in that said absorbent product further comprises a rear auxiliary elastic member lying between a body-fitting elastic member and a leg elastic member bonded on said rear cover sheet and being bonded on said rear cover sheet at a certain distance away from said leg elastic member, and in said developed state, as distance in said left-right direction from said absorbent body increases, said rear auxiliary elastic member goes away from said upper edge and then goes toward said upper edge.

［Claim 2］

The absorbent product according to claim 1, wherein

in a developed state where said front cover sheet and said rear cover sheet are separated from each other to be developed, as distance in said left-right direction from said absorbent body increases, said lower edge of said front cover sheet goes toward said upper edge of said front cover sheet and then goes away from said upper edge.

［Claim 3］

The absorbent product according to claim 2, wherein

in a developed state where said front cover sheet and said rear cover sheet are separated from each other to be developed, said lower edge of said front cover sheet has a shape to fit a shape of said lower edge of said rear cover sheet when said front cover sheet and said rear cover sheet are brought close to each other.

［Claim 4］

The absorbent product according to claim 2 or 3, wherein

said lower edge of said front cover sheet and said lower edge of said

rear cover sheet extend straight in parallel with said left-right direction at areas overlapping with said absorbent body.

［Claim 5］

The absorbent product according to any one of claims 1 to 4, further comprising:

a front auxiliary elastic member having a same shape with a leg elastic member bonded on said front cover sheet, ~~body-fitting elastic members extending in said left-right direction, lying between said waist elastic members and said leg elastic members and being bonded on said front cover sheet and said rear cover sheet; and~~

~~a rear auxiliary elastic member having a same shape with a leg elastic member bonded on said rear cover sheet,~~ lying between a body-fitting elastic member and said leg elastic member and being bonded on said ~~rear~~front cover sheet at a certain distance away from said leg elastic member.

~~［Claim 6］~~

~~The absorbent product according to any one of claims 1 to 4, further comprising:~~

~~body-fitting elastic members extending in said left-right direction, lying between said waist elastic members and said leg elastic members and being bonded on said front cover sheet and said rear cover sheet; and~~

~~a front auxiliary elastic member having a same shape with a leg elastic member bonded on said front cover sheet, lying between a body-fitting elastic member and said leg elastic member and being bonded on said front cover sheet at a certain distance away from said leg elastic member.~~

［Claim ~~7~~6］

The absorbent product according to any one of claims 1 to ~~6~~5, wherein

both side portions of said front cover sheet in said left-right direction are bonded to both side portions of said rear cover sheet in said left-right direction.

［Claim ~~8~~7］

A method of manufacturing an absorbent product, comprising the steps of:

a）forming a sheet member by locating a pair of leg elastic members, a pair of body-fitting elastic members and a rear auxiliary elastic member on a strip-like first sheet and bonding a strip-like second sheet on said first sheet with said pair of leg elastic members, said pair of body-fitting elastic members and said rear auxiliary elastic member between said first sheet and said second sheet while conveying said first sheet in a predetermined conveying direction, said pair of leg elastic members windingly extending along said conveying direction and being located a certain distance away from each other in a width direction orthogonal to said conveying direction, said pair of body-fitting elastic members being located outside said pair of leg elastic members in said width direction and lying in nearly parallel with said conveying direction, said rear auxiliary elastic member lying between a body-fitting elastic member and a leg elastic member at a certain distance away from said leg elastic member;

b）forming a front-cover-sheet continuous body and a rear-cover-sheet continuous body by cutting said sheet member between said pair of leg

elastic members;

c) bringing said front-cover-sheet continuous body and said rear-cover-sheet continuous body away from each other in said width direction and sequentially locating a plurality of absorbent bodies between said front-cover-sheet continuous body and said rear-cover-sheet continuous body, to bond said plurality of absorbent bodies to said front-cover-sheet continuous body and said rear-cover-sheet continuous body; and

d) sequentially forming absorbent products by sequentially folding said plurality of absorbent bodies to lay said front-cover-sheet continuous body on said rear-cover-sheet continuous body, bonding said front-cover-sheet continuous body and said rear-cover-sheet continuous body to each other at bonding positions between said plurality of absorbent bodies, and cutting said front-cover-sheet continuous body and said rear-cover-sheet continuous body at said bonding positions; wherein

in a rear cover sheet, which is a portion of said rear-cover-sheet continuous body, of each absorbent product, as distance on each side of said conveying direction from an absorbent body increases, a cut edge formed by cutting in said step b) goes away from an outer edge of said rear-cover-sheet continuous body in said width direction and then goes toward said outer edge and said rear auxiliary elastic member goes away from said outer edge and then goes toward said outer edge, and

in a front cover sheet, which is a portion of said front-cover-sheet continuous body, of said each absorbent product, as distance on each side of said conveying direction from said absorbent body increases, a cut edge formed by cutting in said step b) goes toward an outer edge of said front-cover-sheet continuous body in said width direction and then goes away from said outer edge.

[Claim ~~9~~8]

The method of manufacturing an absorbent product according to claim ~~8~~7, wherein

said cut edge of said front cover sheet and said cut edge of said rear cover sheet extend straight in parallel with said conveying direction at areas overlapping with said absorbent body.