

# BODY SUIT WITH ADJUSTABLE UNDERBUST

## BACKGROUND OF THE INVENTION

### 1. Field of the Invention

The present invention relates to underwear for woman and especially a body suit in which an underbust can be adjusted for giving a proportional body form.

### 2. Related Art

A body suit is foundation garment including a bust portion, a waist portion, and a girdle portion integrated together, and there are many forms. As a matter of course, a body form can be controlled by wearing not only the body suit, but also a brassier, a waist nipper, and a girdle separately. However, a body suit with these parts integrated together is practical and hence is worn by many young women.

As a conventional one, for example, JP-A-2002-129406 discloses a "body suit" including shoulder strap portions, a bust correcting portion, a waist correcting portion, an underbelly correcting portion, and a girdle portion, wherein the bust correcting portion does not include a cup-shaped brassier portion and includes a bust supporting belt for gathering up breast of a wearer and causing a breast project forward, the waist correcting portion includes a waist tightening belt for covering a waist, and an underbelly correcting portion includes a underbelly tightening belt for covering an underbelly.

The body suit can correct the detailed portions of the body from the underbust to the underbelly respectively according to the respective user's body forms. Therefore, with this body suit, it is not necessary to provide body suits of respective sizes according to the respective body forms. Here, the bust supporting belt, the waist tightening belt, and the underbelly tightening belt are formed of a pair of pieces of cloth respectively, which include an engagement hook at a joint portion so as to be able to open on the front side.

By providing the body suit with the bust supporting belt, the waist tightening belt, and the underbelly tightening belt each formed of a pair of pieces of cloth, adjustment according to the body form is possible. However, when wearing it, a narrow feeling increases and, in addition, the body form becomes thick due to the fact that the bust supporting belt, the waist tightening belt, and the underbelly tightening belt are superimposed on the body cloth, and hence an ideal bodyline cannot be achieved by

wearing this body suit.

A "body suit" according to JP-A-2003-82503 is intended not only to correct the body form, but also to improve the internal health condition, and includes a bust portion, shoulder strap portions, a waist portion, and a girdle portion, and at least the waist  
5 portion and the girdle portion include corrugated fabric in cross-section on part of the side which comes into contact with the body. The traveling direction of waves formed on the corrugated fabric is vertical direction in the waist portion and the lateral direction in the girdle portion.

However, the bust portion of this body suit does not have a cap-shaped  
10 brassier portion as in the case of JP-A-2002-129406, and is designed on the assumption that the user wears a brassier separately. Therefore, it is necessary to prepare a brassier which fits the body when such a body suit is worn.

The body suit is used to correct the body form, and is inconvenient to put on and take off since it fits the body. Therefore, when wires are provided in the bust  
15 portion to correct the bust, there arises a problem such that putting on and taking off of the body suit are not easy.

## SUMMARY OF THE INVENTION

As described above, there have been problems as aforementioned in the  
20 conventional body suits. Accordingly, it is an object of the invention to solve these problems and provide a body suit which can be put on and taken off easily while having wires along cup edges of a bust portion and which can adjust the underbust size.

A body suit according to the present invention includes a bust correcting portion, a waist correcting portion, a girdle portion, an underbelly correcting portion and shoulder  
25 straps, and these portions are formed continuously. The bust correcting portion is provided with cups, and wires along the cup edges. On the back side of the bust correcting portion, there are provided a pair of left and right bust adjusting belts having hooks and hook eyes at the distal ends thereof so as to be capable of opening and closing, and the shoulder straps are provided connecting the upper edge of the cups of  
30 the bust correcting portion and the bust adjusting belts, respectively. The bust adjusting belts adjustably support the bust correcting portion, and allows a wearer to put on and take off smoothly by disengaging the hooks on the bust adjusting belts when putting on and taking off the body suit. Therefore, even if the wires are provided along the cup edge of the bust correcting portion, they do not impair putting on and taking off

thereof.

A front cloth is stitched on the lower side of the bust correcting portion, and front side cloths are stitched on both sides of the front cloth, and back cloths are provided on the back side, the back cloths are stitched on the front side cloths, and underbelly cloths  
5 are stitched on the lower side of the front cloth between both leg holes of the girdle portion.

According to the body suit of the present invention, the bust is prevented from getting out of the shape, and the bust form can be adjusted owing to the wires provided along the cup edges of the bust correcting portion. In addition, there are provided the  
10 bust adjusting belts capable of being opened and closed on the back side of the bust, and accordingly putting on and taking off can be performed easily, and narrow feeling when wearing it can be adjusted at a joint position of the bust adjusting belts. In particular, even with the body suit employing a rather thick cloth for correcting the body form, the wearer can put on and take off easily and can adjust the underbust portion by  
15 providing with the openable and closable bust adjusting belts.

### **BRIEF DESCRIPTION OF THE DRAWING**

Fig. 1 is a front side of perspective view showing a body suit according to an embodiment of the invention;

20 Fig. 2 is a rear side of perspective view showing the body suit;

Fig. 3 is a rear side of perspective view showing a state in which bust adjusting belts of the body suit are opened;

Fig. 4 is a perspective view showing a state in which the wearer wears the body suit with the bust adjusting belts opened;

25 Fig. 5A is a front side of perspective view showing a state in which the body suit is worn;

Fig. 5B is a perspective view showing a state in which the body suit is worn.

### **DETAILED DESCRIPTION OF PREFERRED EMBODIMENT**

30 Figs. 1 and 2 show an embodiment of a body suit with an adjustable underbust according to the present invention, which includes a bust correcting portion 1, a waist correcting portion 2, a girdle portion 3, an underbelly correcting portion 4 and shoulder straps 5. The body suit is a suit for totally correcting an upper body half from a bust through a waist to a hip with one piece of body suit as shown in the drawings.

The bust correcting portion 1 is provided with a pair of cups 6, 6, and the cups are attached with wires 7, 7 along the edge thereof to prevent the cups 6, 6, from getting out of the shape, and to adjust the bust form of a wearer. Then, a front cloth 8 extending from the bust correcting portion 1 in the vertical direction, and front side cloths 9, 9 to be disposed on both sides thereof are stitched together, and both sides of back cloths 10, 10 extending in the vertical direction on the back side are stitched on the front side cloths 9, 9.

The girdle portion 3 is formed with leg holes 12, 12 which fit legs, and elongated underbelly cloths 13, 13 extending along the leg holes 12, 12 are provided for supporting the underbelly on the lower side of the front cloth 8. A substantially circular filler cloth 14 is stitched on the girdle portion 3 for covering a hip portion thereof. A crotch cloth 15 located between the leg holes 12, 12 is stitched to the back cloths 10 and is connected to the lower ends of the underbelly cloths 13, 13 via press-studs 16, 16. Therefore, the wearer puts on or takes off the body suit by unsnapping the press-studs 16, 16.

On the back side of the bust correcting portion 1, the bust adjusting belts 17, 17 are stitched to parts of the upper sides of the back cloths 10, 10 and the upper portions of the front side cloths on the back sides thereof. The both bust adjusting belts 17, 17 are provided with hooks and hook eyes respectively at the distal end thereof, and the both bust adjusting belts 17, 17 can be engaged with each other by engaging the hooks with the hook eyes, and the bust correcting portion 1 can be opened widely by releasing engagement of the hook eyes.

Fig. 3 shows a state in which the bust adjusting belts 17, 17 are opened by releasing engagement between the hook eyes 18 and the hooks 19 at the distal ends thereof. The wearer can put on and take off the body suit in a state in which the bust adjusting belts 17, 17 are opened, and since there are a plurality of the hook eyes 18, 18..., the tightening degree of the both bust adjusting belts 17, 17 can be adjusted. That is, adjustment of the underbust can be achieved easily.

Fig. 4 shows a state in which the wearer wears the body suit with the both bust adjusting belts 17, 17 opened. Fig. 5A and Fig. 5B are a front view and a back view respectively showing a state in which the wearer wears the body suit. Although the basic shape as the body suit is common, in particular, by the provision of the openable and closable bust adjusting belts 17, 17, the wearer can put on and take off easily, and it is also possible to provide wires along the cup edges. Then, the front cloth extending

from the underbust toward the underbelly in the vertical direction is provided and the wide back cloths extending in the vertical direction are provided on the back side of the girdle portion, thereby correcting the body line in elegant.

5 In addition, the bust adjusting belt, since the girdle cloth and the front cloth are connected at the sides, the clean-cut lines from the waist to the hip on the front side and the back side are achieved, thereby serving as a body suit in good balance. Accordingly, the upper half body can be totally corrected by a single body suit.

## WHAT IS CLAIMED IS:

1. A body suit capable of adjusting an underbust comprising: a bust correcting portion, a waist correcting portion, a girdle portion, an underbelly correcting portion, and  
5 shoulder straps,

wherein the bust correcting portion comprises cups, wires along the cup edges, a pair of left and right bust adjusting belts including hooks and hook eyes at distal ends thereof on back side of the bust correcting portion so as to be capable of opening and closing, and the shoulder straps connect the upper edge of the cups of the bust  
10 correcting portion and the bust adjusting belts respectively.

2. The body suit capable of adjusting an underbust according to Claim 1, wherein it includes a front cloth being stitched on the lower side of the bust correcting portion, front side cloths being stitched on both sides of the front cloth, back cloths being  
15 provided on the back side, the back cloths being stitched on the front side cloths, and underbelly cloths being stitched on the lower side of the front cloth between both leg holes of the girdle portion.