of unauthorized use), if both ends are not accurately, surely and carefully adhered to each other along a predetermined length when both ends of the wristband in a label are adhered.

[0005]

In addition, in a continuous body successively formed of a plurality of wristbands in one piece, the wristband in one piece is separated from an end portion thereof for use. In the wristband configured to be (temporarily) attached with a mount on the rear surface a band base material, it is needed to carry out a procedure to peel off a part of the mount from the rear surface of the band base material so as to expose the adhesive layer after the wristband is obtained in one piece. So, there is a problem that it takes time up to the preparation of the wristband in one piece, in which the wristband is actually formed in a ring shape by exposing the adhesive layer from a state of the continuous body of wristbands.

CITATION LIST

Patent Literature

[0006]

Patent Literature 1 : Japanese Unexamined Patent Application Publication No. 2006-39209.

SUMMARY OF INVENTION

Technical Problem

[0007]

The present invention has been made based on such circumstances. Embodiments of the present invention seek to provide a wristband, a continuous body of the wristbands and a method for winding the wristband, which are easy and ensure to operation of winding it a subject such as a wrist or an ankle.

[0008]

Embodiments of the present invention also seek to provide a wristband, a continuous body of the wristbands and a method for winding the wristband, in which it is able to ensure a proper and accurate form as wound in a ring shape.

[0009]

Embodiments of the present invention also seek to provide a wristband, a continuous body of the wristbands and a method for winding the wristband, in which both ends thereof are adhered with each other in correct posture such that a notch portion for preventing unauthorized use is exhibited to ensure its function.

[0010]

Embodiments of the present invention also seek to provide a wristband, a continuous body of the wristbands and a method for winding the wristband, in which a ring shape is formed immediately since a mount is peeled off already from the band base material when the wristband is separated from the continuous body of the wristbands.

Solution to Problem

[0010a] According to a first aspect of the present invention, there is provided a method for winding a belt-shaped band around a subject, comprising:

putting together first and second adhesion position guides that are respectively provided at opposing first and second portions located in a longitudinal direction of the belt-shaped band such that the second portion of the belt-shaped band adheres to a region of an exposed part of an adhesive layer located on a rear surface of the first portion of the belt-shaped band, the region of the exposed part of the adhesive layer being defined by the first adhesion position guide; and

affixing all of a remaining exposed part of the adhesive layer to a front surface of the belt-shaped band.

[0010b] According to a second aspect of the present invention, there is provided a belt-shaped band, comprising:

first and second adhesion position guides that are respectively provided at opposing first and second portions located in a longitudinal direction of the belt-shaped band; and

an adhesion region located on a part of a rear surface of the first portion of the belt-shaped band,

wherein the first and second adhesion position guides are configured and dimensioned such that a part of the adhesion region remains exposed when the first and second adhesion position guides are put together and all of a remaining exposed part of the adhesion region is affixed to a front surface of the belt-shaped band.

[0010c] According to a third aspect of the present invention, there is provided a method for winding a belt-shaped band around a subject, comprising:

defining a remaining exposed part of an exposed adhesive layer located on a rear surface of a first portion of a belt-shaped band by adhering a rear surface of a second portion of the belt-shaped band to the exposed adhesive layer; and

adjusting a diameter of the belt-shaped band by selectively affixing the remaining exposed part of the exposed adhesive layer to an arbitrary position on a front surface of the belt-shaped band.

[0010d] According to a fourth aspect of the present invention, there is provided a band comprising:

a belt-shaped body having opposing first and second portions in a longitudinal direction; and

an adhesive layer located on a rear surface of the first portion of the belt-shaped body,

wherein a part of the adhesive layer is configured to remain exposed when a rear surface of the second portion of the belt-shaped body is adhered to the adhesive layer such that the remaining exposed part of the adhesive layer is selectively adherable to an arbitrary position on a front surface of the belt-shaped body so that a diameter of the band is adjustable.

[0011]

Embodiments of the present invention is focused on adhering both rear surfaces first rather than adhering a rear surface of a band base material to a front surface thereof in the prior art, and dividing into two steps operation of winding rather than completing operation of winding the wristband in a ring shape around the subject in one step. In a first embodiment of the present invention, a wristband comprising: a band base material in a belt shape; an adhesive layer formed on a rear surface of the band base material; and a mount temporarily attached to and covering the adhesive layer, the band base material comprising: a central region capable of displaying specific information; a first winding region and a second winding region respectively located in the left and right ends of the central region so as to be wound around a subject of a wrist or an ankle together with the central region; and a first adhesion position guide and a second adhesion position guide disposed in the first winding region and the second winding region, respectively, wherein the adhesive layer is exposed when the mount located on the rear surface of the first winding region is peeled off, wherein the rear surface of the first winding region having the adhesive layer exposed is adhered to the rear surface of the second winding region to form a ring shape winding the subject by overlapping each other such that the first adhesion position guide and the second adhesion position guide are put together while a part of the adhesive layer remains to be possibly exposed, and wherein the first winding region having the part of the adhesive layer remaining partially to be possibly exposed is adhered to the front surface of the second winding region.

[0012]

In a second embodiment of the present invention, a wristband for being wound around a wrist or an ankle, which comprises: a band base material in a belt shape; an adhesive layer entirely formed on a rear surface of the band base material; and a mount in a belt shape temporarily attached to and covering the adhesive layer, wherein the adhesive layer is exposed when the mount located in the rear surface of one end portion of the band base material is peeled off, and wherein the mount is exposed when the band base material on the front surface of the other end portion thereof is peeled off.

[0013]

In a third embodiment of the present invention, a continuous body has a plurality of wristbands according to the second embodiment as above, namely the continuous body of wristbands for winding a wrist or an ankle, which comprises: a band base material in a belt shape; an adhesive layer entirely formed on a rear surface of the band base material; and a mount in a belt shape temporarily attached to and covering the adhesive layer, wherein the band base material is formed with a pair of band separation lines at a predetermined distance so as to form a wristband in one piece, wherein the mount is formed with a pair of mount

separation lines at a predetermined distance, the pair of band separation lines being located at positions different from the pair of band separation lines, respectively, wherein, in the wristband in one piece, the adhesive layer is exposed when the mount located in the rear surface of one end portion of the band base material is peeled off, and wherein the mount is exposed when the band base material in the front surface of the other end portion thereof is peeled off.

[0014]

The band separation lines may be cuts for separating to form the wristband in one piece.

[0015]

The band separation lines may be cuts for separating to form the wristband in one piece and forms a distance for detecting position in a portion of the cuts.

[0016]

In a fourth embodiment of the present invention, a continuous body of wristbands, comprising: a band base material in a belt shape; an adhesive layer formed on a rear surface of the band base material; and a mount temporarily attached to and covering the adhesive layer, the band base material comprising: a central region capable of displaying specific information; a first winding region and a second winding region respectively located in the left and right ends of the central region so as to be wound around a subject of a wrist or an ankle together with the central region, wherein the band base material is formed with a first band separation line and a second band separation line to form a wristband in one piece, wherein the mount is formed with a first mount separation line and a second mount separation line to form the wristband in one piece, the first mount separation line and the second mount separation line being located at positions different from the first band separation line and the second band separation line, wherein, in the wristband in one piece, the adhesive layer is exposed when the mount located in the rear surface of the first winding region is peeled off, and wherein the mount is exposed when the band base material in the front surface of the second winding region is peeled off.

[0017] In a fifth embodiment of the present invention, a method for winding a wristband comprising: a band base material in a belt shape; an adhesive layer formed on a rear surface of the band base material; and a mount temporarily attached to and covering the adhesive layer, the band base material comprising: a central region capable of displaying specific information; a first winding region and a second winding region respectively located in the left and right ends of the central region so as to be wound around a subject of a wrist or an ankle together with the central region; and a first adhesion position guide and a second adhesion position guide disposed in the first winding region and the second winding region, respectively, the method comprising: an exposure step of exposing the adhesive layer by

first winding region.

[0027]

The adhesive layer and the mount may be disposed only on the rear surface of the first winding region.

[0028]

The band base material of the second winding region may be formed with a plurality of perforations parallel to each other in a width direction.

[0029]

The first winding region may have on at least one of the surface and the rear surface thereof an advertisement column in advance printable of advertisement information on the wristband.

Advantageous Effects of Invention

[0030]

In a wristband, a continuous body of wristbands and a method for winding a wristband according to the present invention (a first embodiment, a fourth embodiment and a fifth embodiment), since a first adhesion position guide and a second adhesion position guide are provided in a first winding region and a second winding region, respectively, and rear surfaces of both ends of a band base material in a belt shape are adhered to each other, the user can easily and surely carry out operation of winding it around a wrist and the like even alone. And also, since firstly rear surfaces of the first winding region and the second winding region are adhered, and secondly a rear surface of the first winding region is adhered to a front surface of the second winding region, the user can wind it in a ring shape just to fit the size of the user's wrist or ankle.

[0031]

In particular, according to a wristband in the first embodiment of the present invention, a first adhesion position guide and a second adhesion position guide are provided in the first winding region and the second winding region, respectively. And also, the rear surface of the first winding region having an adhesive layer exposed and the rear surface of the second winding region are adhesively overlapped and possibly form a ring shape to wind it around a subject such that the adhesion position guide and the second adhesion position guide are put on each other in a state where a part of the adhesive layer remains to be possibly exposed. Then, since the first winding region having the adhesive layer remaining partially to be possibly exposed can be adhered to the front surface of the second winding region, it is easy for the user to carrying out operations in adhering both end portions of the wristband and in winding with one hand.

[0032]

In particular, according to a wristband in the second embodiment of the present invention,

the adhesive layer can be exposed after the mount is peeled off from the rear surface of one end portion of the band base material, and also the mount is exposed after the band base material has been peeled off on the front surface of the other end portion of the ban base material. Then, since it is not needed to carry out a procedure of peeling off the mount, the wristband can be wound around the subject such as a wrist and the like by immediately adhering the end portion of the mount side to the end portion of the adhesive layer side and forming in a ring shape.

[0033]

In particular, according to a continuous body of wristbands in the third embodiment of the present invention, a band base material is formed with a pair of band separation lines at a predetermined distance in order to form a wristband in one piece, a mount is formed with a pair of mount separation lines at a predetermined distance at a place different from the band separation lines, respectively. And also, an adhesive layer is possibly exposed by peeling off the mount in the rear surface of one end portion the band base material, and the mount is possibly exposed by removing the band base material in the front surface of the other end portion of the band base material. Then, since the mount in the most end portion of the continuous body of wristbands has been already in a single layer by separating the preceding wristband for use, the next wristband (the most end portion of the continuous body of wristbands above) can be obtained in one piece by peeling off only the band base material at the upstream from the mount, and workability is excellent.

[0034]

In particular, according to a continuous body of wristbands in the fourth embodiment of the present invention, a first band separation line and a second band separation line formed in the band base material are located at locations different from a first mount separation line and a second mount separation line formed in the mount, respectively. And also, an adhesive layer is possibly exposed by peeling off the mount in the rear surface of the winding region, and the mount is possibly exposed by removing the band base material in the front surface of the second winding region. Then, since the mount in the most end portion of the continuous body of wristbands has been already in a single layer by separating the preceding wristband for use, similar to the third embodiment as above, the next wristband (the most end portion of the continuous body of wristbands above) can be obtained in one piece by peeling off only the band base material at the upstream from the mount, and workability is excellent.

[0035]In particular, according to a method of winding a wristband in the fifth embodiment of the present invention, the method comprises an exposure step of exposing the adhesive layer by peeling off a mount in a rear surface of a first winding region, a first adhesion step of forming in a ring shape so as to be wound around a subject by adhesively overlapping the rear surface of the

What is claimed is:

1. A method for winding a belt-shaped band around a subject, comprising:

putting together first and second adhesion position guides that are respectively provided at opposing first and second portions located in a longitudinal direction of the belt-shaped band such that the second portion of the belt-shaped band adheres to a region of an exposed part of an adhesive layer located on a rear surface of the first portion of the belt-shaped band, the region of the exposed part of the adhesive layer being defined by the first adhesion position guide; and

affixing all of a remaining exposed part of the adhesive layer to a front surface of the belt-shaped band.

2. The method according to claim 1, wherein a diameter of the belt-shaped band is selectively adjusted by affixing the remaining exposed part of the adhesive layer to an arbitrary position of the front surface of the belt-shaped band.

3. The method according to claim 1, wherein a substantially maximum diameter of the belt-shaped band is obtained when putting together the first and second adhesion position guides such that the second portion of the belt-shaped band adheres to the region of the exposed part of the adhesive layer defined by the first adhesion position guide.

4. The method according to claim 1, wherein a surface area of the remaining exposed part of the adhesive layer is larger than a surface area of the region of the exposed part of the adhesive layer defined by the first adhesion position guide.

5. A belt-shaped band, comprising:

first and second adhesion position guides that are respectively provided at opposing first and second portions located in a longitudinal direction of the belt-shaped band; and

an adhesion region located on a part of a rear surface of the first portion of the belt-shaped band,

wherein the first and second adhesion position guides are configured and dimensioned such that a part of the adhesion region remains exposed when the first and second adhesion position guides are put together and all of a remaining exposed part of the adhesion region is affixed to a front surface of the belt-shaped band.

6. The belt-shaped band according to claim 5, further comprising:

a band base having an adhesive layer; and

a mount adhesively attached to the adhesive layer.

7. The belt-shaped band according to claim 6, wherein the adhesion region is a region of the adhesive layer that is not covered by the mount.

8. The belt-shaped band according to claim 6, wherein the first adhesion position guide is provided on the band base.

9. The belt-shaped band according to claim 6, wherein the second adhesion position guide is provided on the mount.

10. The belt-shaped band according to claim 6, wherein the first adhesion position guide is provided on the band base, and the second adhesion position guide is provided on the mount.

11. The belt-shaped band according to claim 6, wherein the first and second adhesion position guides are configured and dimensioned such that a diameter of the belt-shaped band wound around a subject is selectively adjustable by affixing a remaining exposed part of the adhesive layer to an arbitrary position on the front surface of the belt-shaped band.

12. The belt-shaped band according to claim 5, wherein at least one of the first adhesion position guide and the second adhesion position guide is printed on the belt-shaped band.

13. The belt-shaped band according to claim 5, wherein at least one of the first adhesion position guide and the second adhesion position guide is a predetermined shape located on the belt-shaped band.

14. The belt-shaped band according to claim 5, further comprising a plurality of perforations in a width direction across the belt-shaped band.

15. The belt-shaped band according to claim 5, wherein the first and second adhesion position guides are configured and dimensioned such that a substantially maximum diameter of the belt-shaped band is obtained when the first and second adhesion position guides are put together.

16. The belt-shaped band according to claim 5, wherein the first and second adhesion position guides are configured and dimensioned such that a surface area of the remaining exposed part of the adhesion region is larger than a surface area of a part of the adhesion region to which the rear surface of the second portion is affixed when the first and second adhesion position guides are put together.

17. A method for winding a belt-shaped band around a subject, comprising:

defining a remaining exposed part of an exposed adhesive layer located on a rear surface of a first portion of a belt-shaped band by adhering a rear surface of a second portion of the belt-shaped band to the exposed adhesive layer; and

adjusting a diameter of the belt-shaped band by selectively affixing the remaining exposed part of the exposed adhesive layer to an arbitrary position on a front surface of the belt-shaped band.

18. The method according to claim 17, further comprising: using a second adhesion position guide provided at the second portion of the belt-shaped band to define the remaining exposed part of the exposed adhesive layer when the rear surfaces of the first and second portions of the belt-shaped band are adhered together.

19. The method according to claim 17, further comprising: using first and second adhesion position guides located at the first and second portions of the belt-shaped band respectively to define the remaining exposed part of the exposed adhesive layer when the rear surfaces of the first and second portions of the belt-shaped band are adhered together.

20. The method according to claim 17, wherein a substantially maximum diameter is obtained when the rear surface of the second portion of the belt-shaped band is adhered to the exposed adhesive layer.

21. The method according to claim 17, wherein the rear surface of the second portion of the belt-shaped band is adhered to the exposed adhesive layer such that the remaining exposed part of the exposed adhesive layer has a relatively larger surface area than a region of the exposed adhesive layer to which the rear surface of the second portion of the belt-shaped band is adhered.

22. A band comprising:

a belt-shaped body having opposing first and second portions in a longitudinal direction; and

an adhesive layer located on a rear surface of the first portion of the belt-shaped body,

wherein a part of the adhesive layer is configured to remain exposed when a rear surface of the second portion of the belt-shaped body is adhered to the adhesive layer such that the remaining exposed part of the adhesive layer is selectively adherable to an arbitrary position on a front surface of the belt-shaped body so that a diameter of the band is

adjustable.

23. The band according to claim 22, further comprising: a first adhesion position guide provided at the first portion of the belt-shaped body, wherein the first adhesion position guide is configured to define the remaining exposed part of the adhesive layer when the rear surface of the second portion of the belt-shaped body is adhered to the adhesive layer.

24. The band according to claim 22, further comprising: a second adhesion position guide provided at the second portion of the belt-shaped body, wherein the second adhesion position guide is configured to define the remaining exposed part of the adhesive layer when the rear surface of the second portion of the belt-shaped body is adhered to the adhesive layer.

25. The band according to claim 23, wherein the first adhesion position guide is printed on the belt-shaped body or is a predetermined shape located on the belt-shaped body.

26. The band according to claim 24, wherein the second adhesion position guide is printed on the belt-shaped body or is a predetermined shape located on the belt-shaped body.

27. The band according to claim 22, wherein the adhesive layer is configured such that a substantially maximum diameter of the band is obtained when the rear surface of the second portion of belt-shaped body is adhered to the adhesive layer.

28. The band according to claim 22, wherein a surface area of the remaining exposed part of the adhesive layer is larger than a surface area of a region of the adhesive layer to which the rear surface of the second portion of the belt-shaped body is adhered.

29. The belt-shaped band according to claim 5, wherein when the first and second adhesion position guides are put together to form a ring, an inner surface of the ring is non-adhesive.

30. The belt-shaped band according to claim 5, wherein the belt-shaped band has a constant width, and the first and second adhesion position guides are located in a middle of the belt-shaped band in a width direction.