US011178989B2

(12) **United States Patent**
Friesel

(10) **Patent No.: US 11,178,989 B2**
(45) **Date of Patent: Nov. 23, 2021**

(54) **GARMENT HANGER AND GARMENTS INCLUDING A HANGER**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **16/520,465**

(22) Filed: **Jul. 24, 2019**

(65) **Prior Publication Data**

US 2021/0022533 A1 Jan. 28, 2021

(51) **Int. Cl.**
A47G 25/38 (2006.01)
A45F 5/02 (2006.01)

(52) **U.S. Cl.**
CPC ***A47G 25/38*** (2013.01); ***A45F 5/02*** (2013.01)

(58) **Field of Classification Search**
CPC A47G 25/38; A47G 25/14; A47G 25/54; A45F 5/02; A45F 2005/023; A41D 27/22; A45C 13/18; A45C 3/004; A45C 13/03; B65D 33/14; B65D 23/005; B65D 73/0064
USPC 223/88; 2/256, 271; 224/584; 206/284, 206/285, 288, 289, 290, 291; 383/22, 23
See application file for complete search history.

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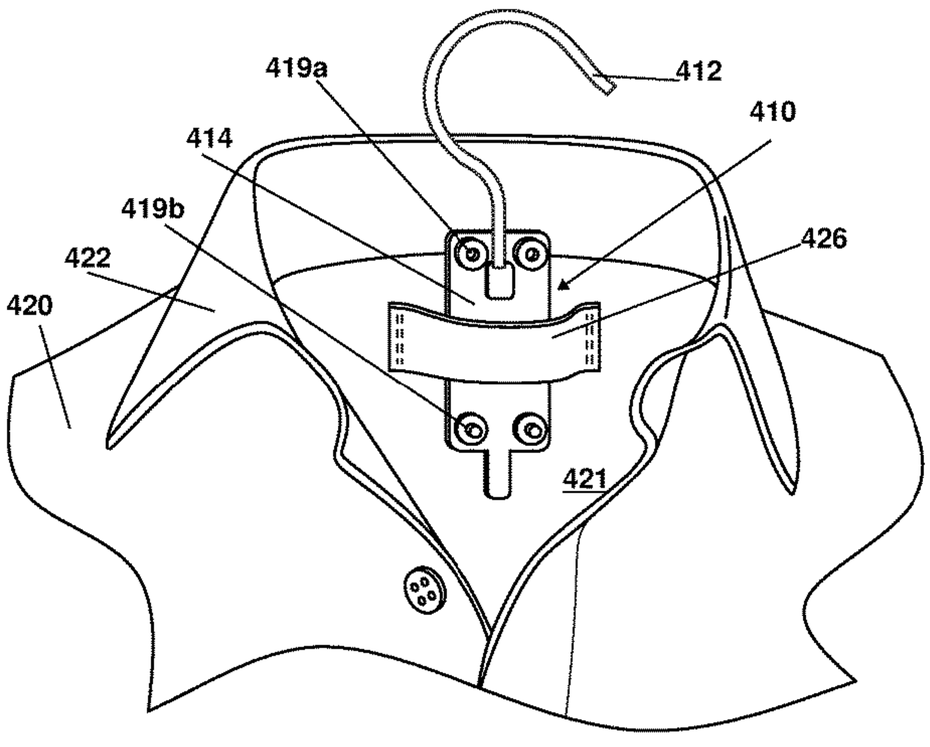
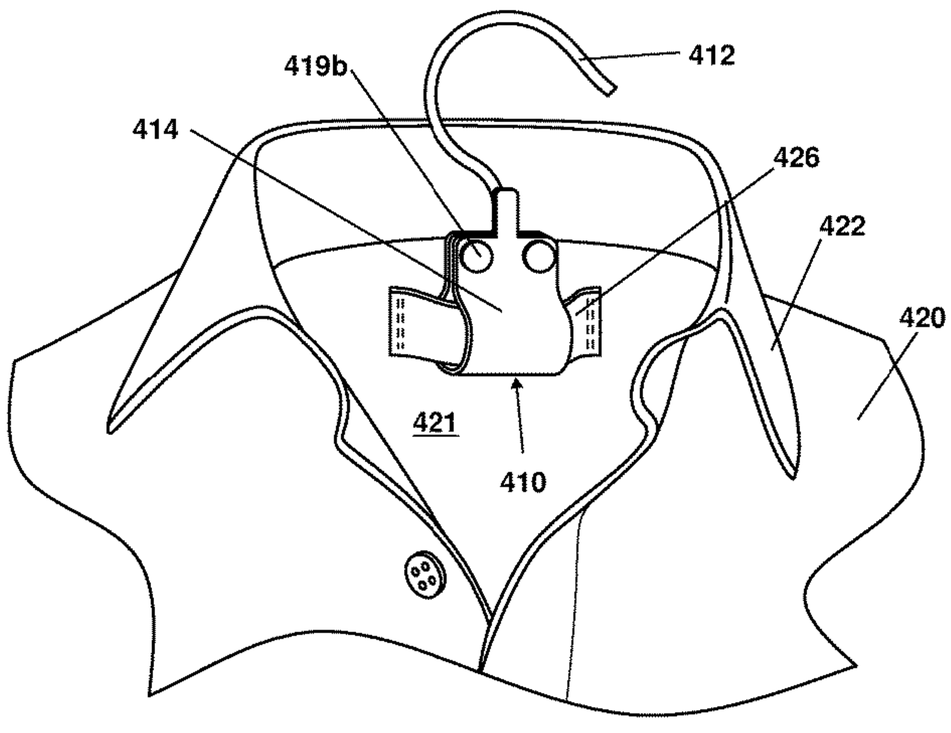
(57) **ABSTRACT**

A garment hanger, adapted to be attached to a portion of a garment. The garment hanger includes a rigid hanging hook fixedly attached to a hanger connection portion, which hanger connection portion is adapted to be attached to the portion of the garment. The hanger connection portion may be sewn to the garment or removably attached thereto with fasteners. The hanger connection portion may include first and second garment supporting extensions fixedly attached to the hanger connection portion and extending outwardly therefrom.

1 Claim, 7 Drawing Sheets





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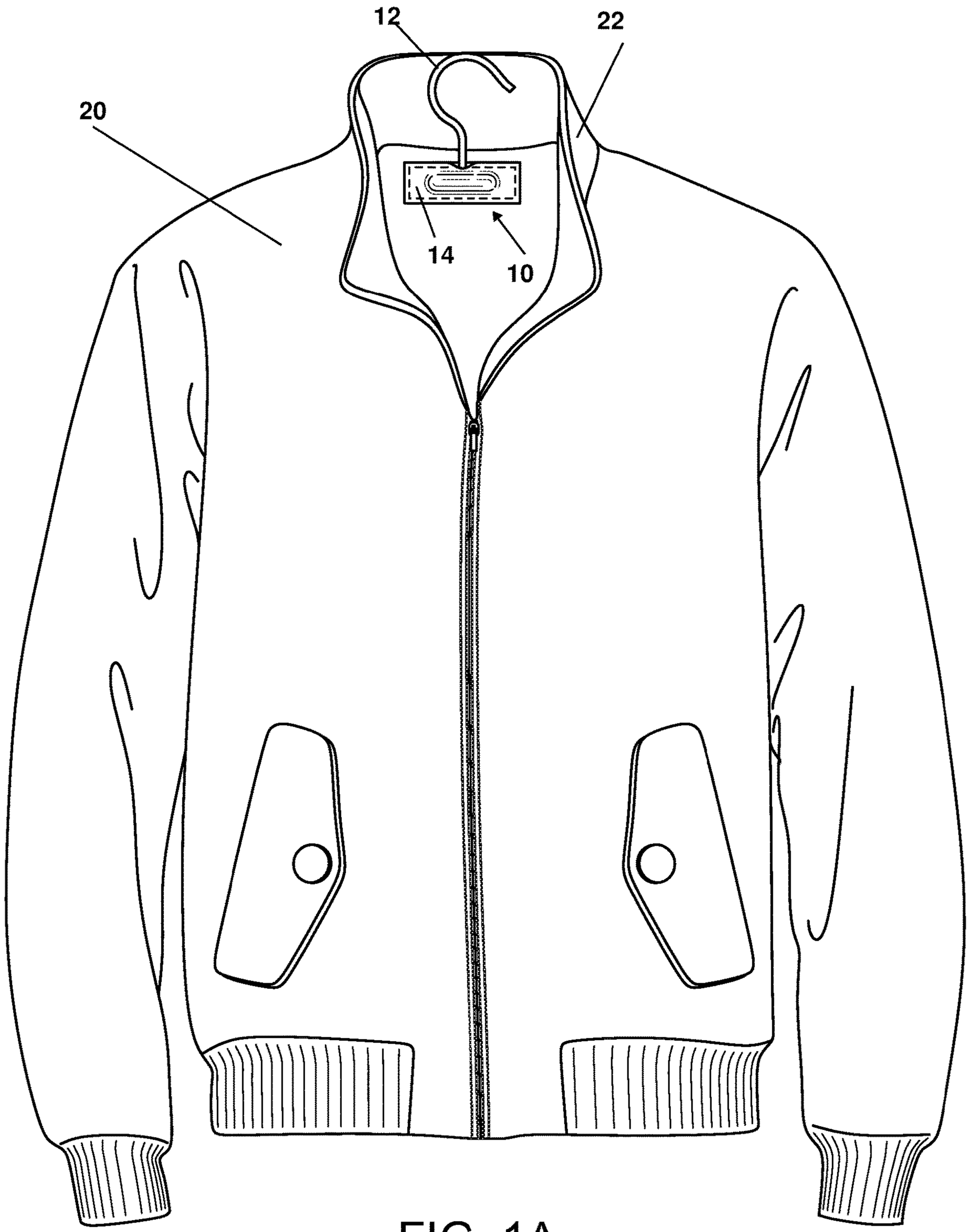

FIG. 1A

FIG. 1B

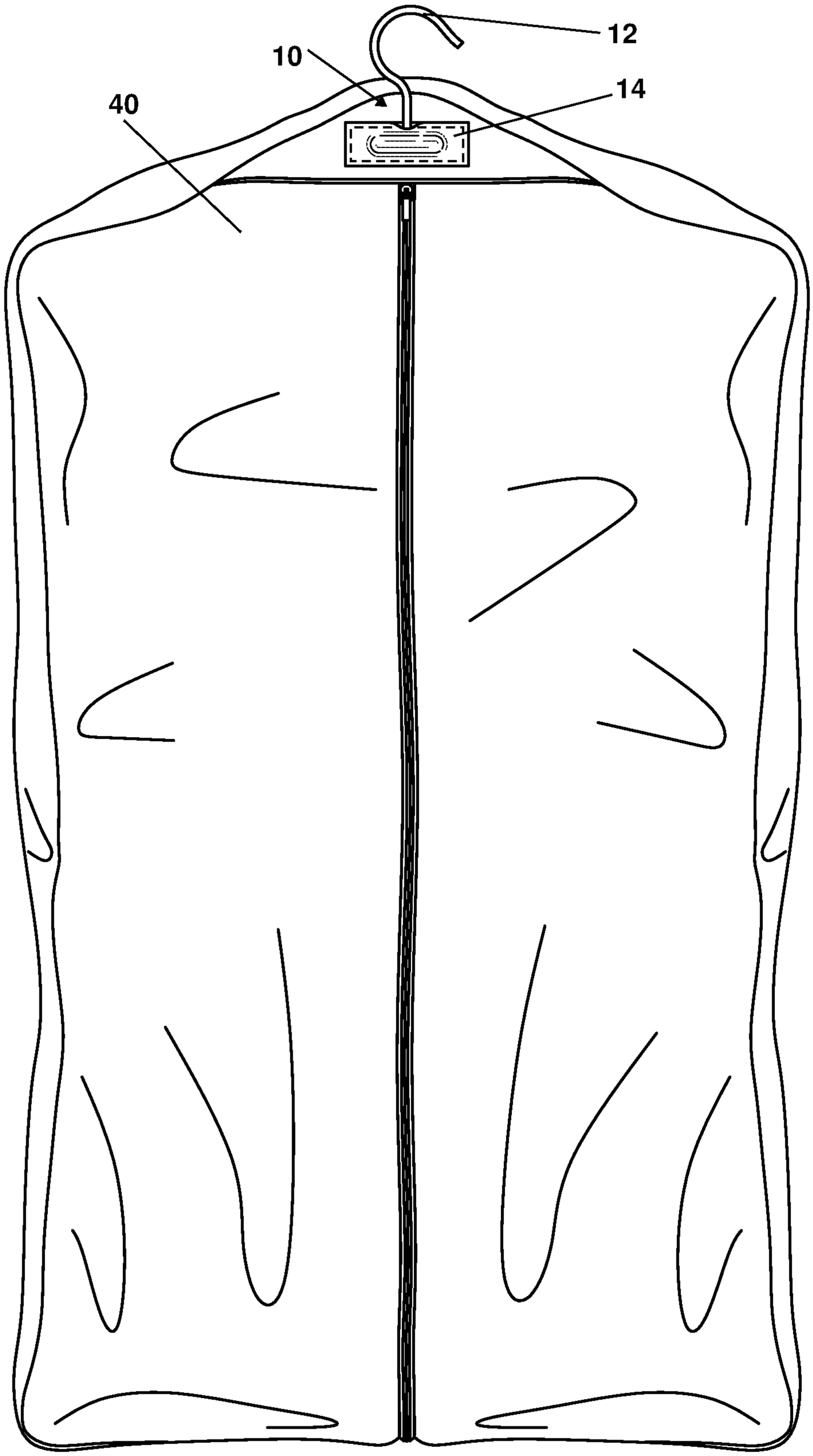

FIG. 1C

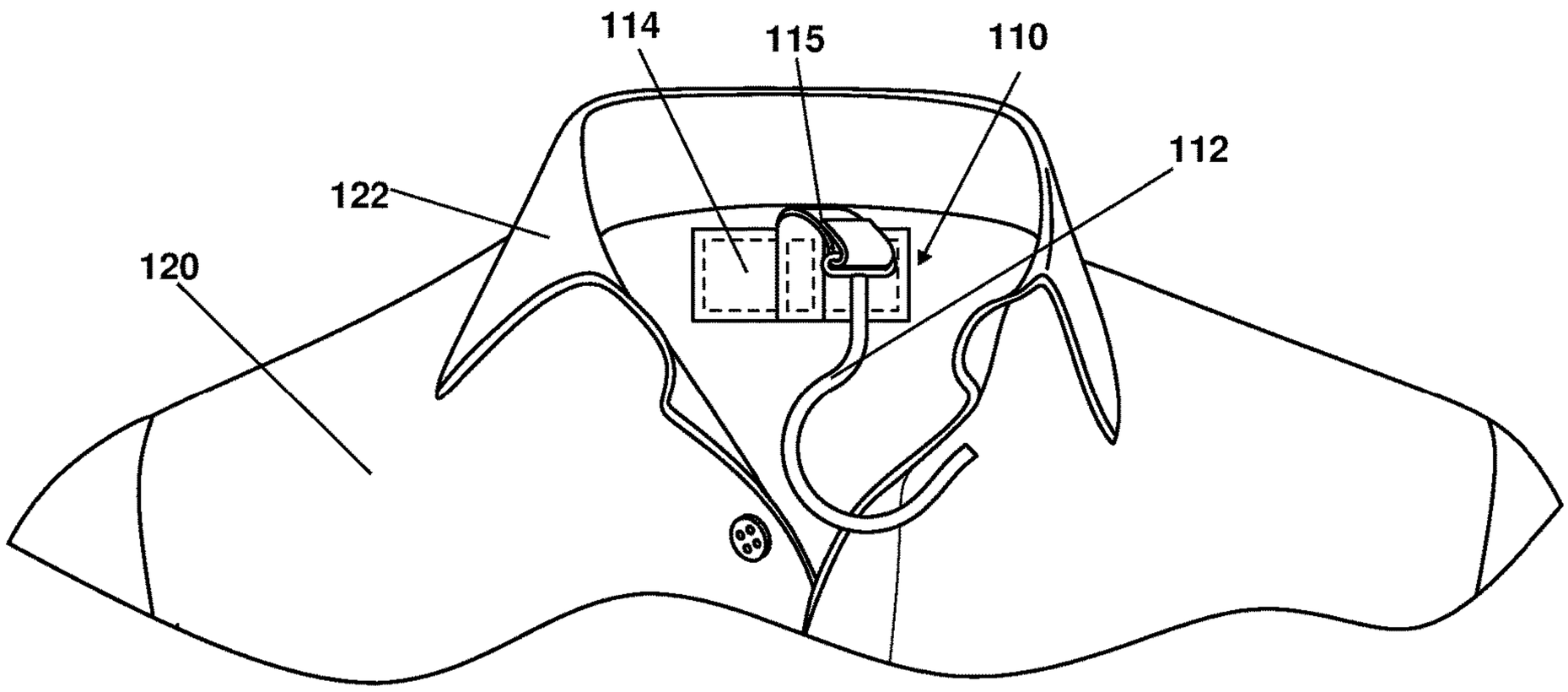

FIG. 2A

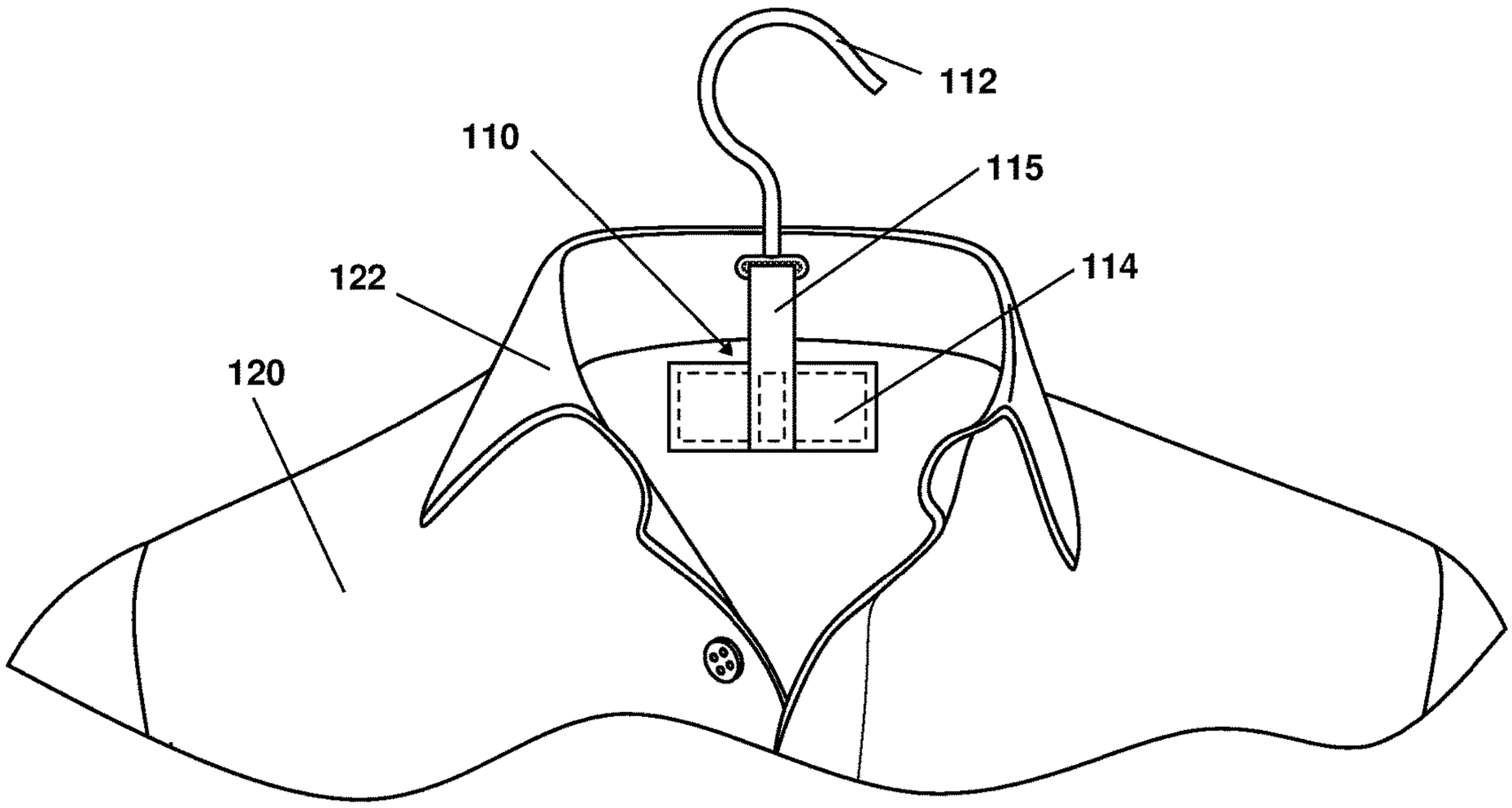

FIG. 2B

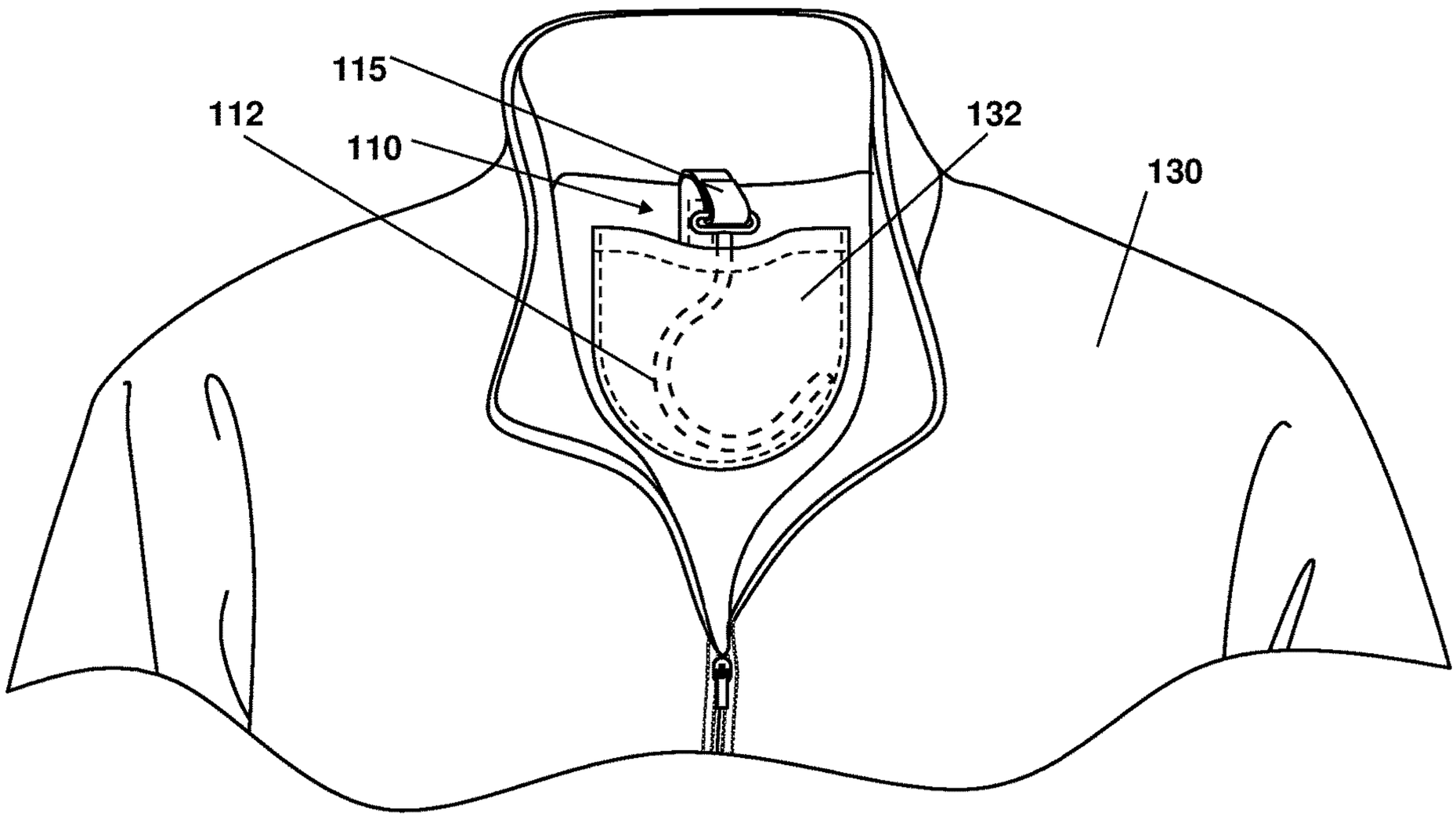

FIG. 3

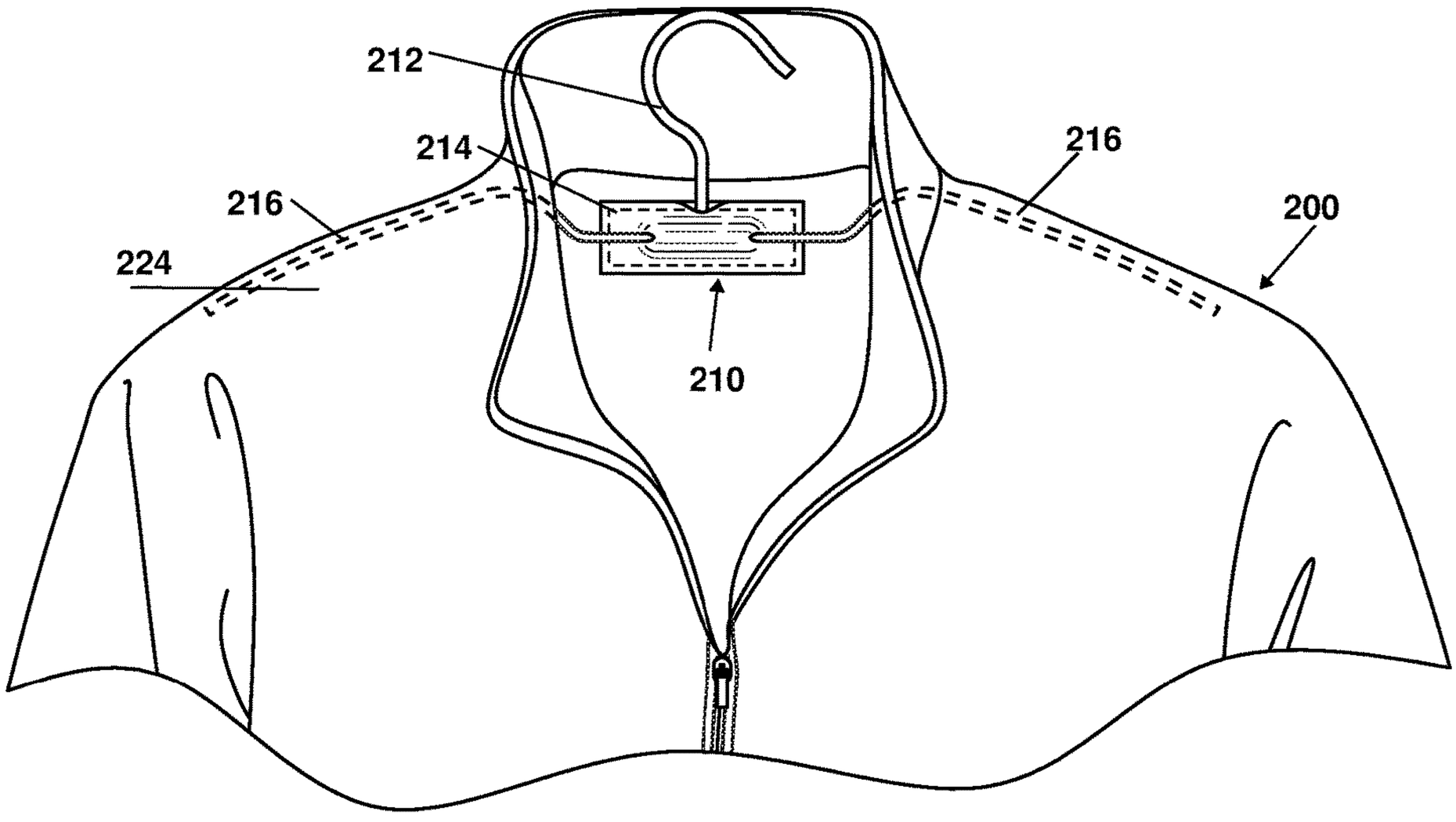

FIG. 4

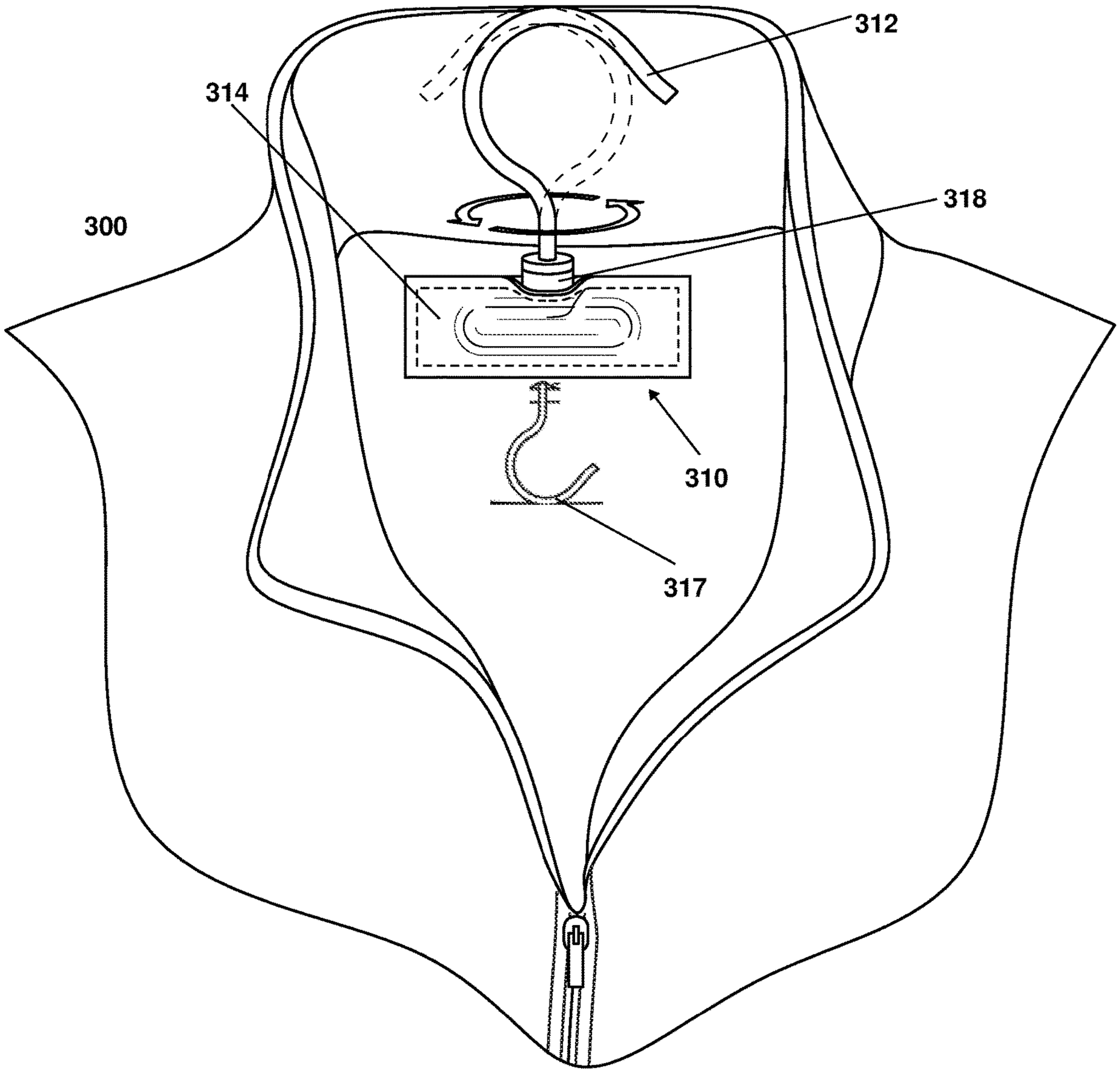

FIG. 5

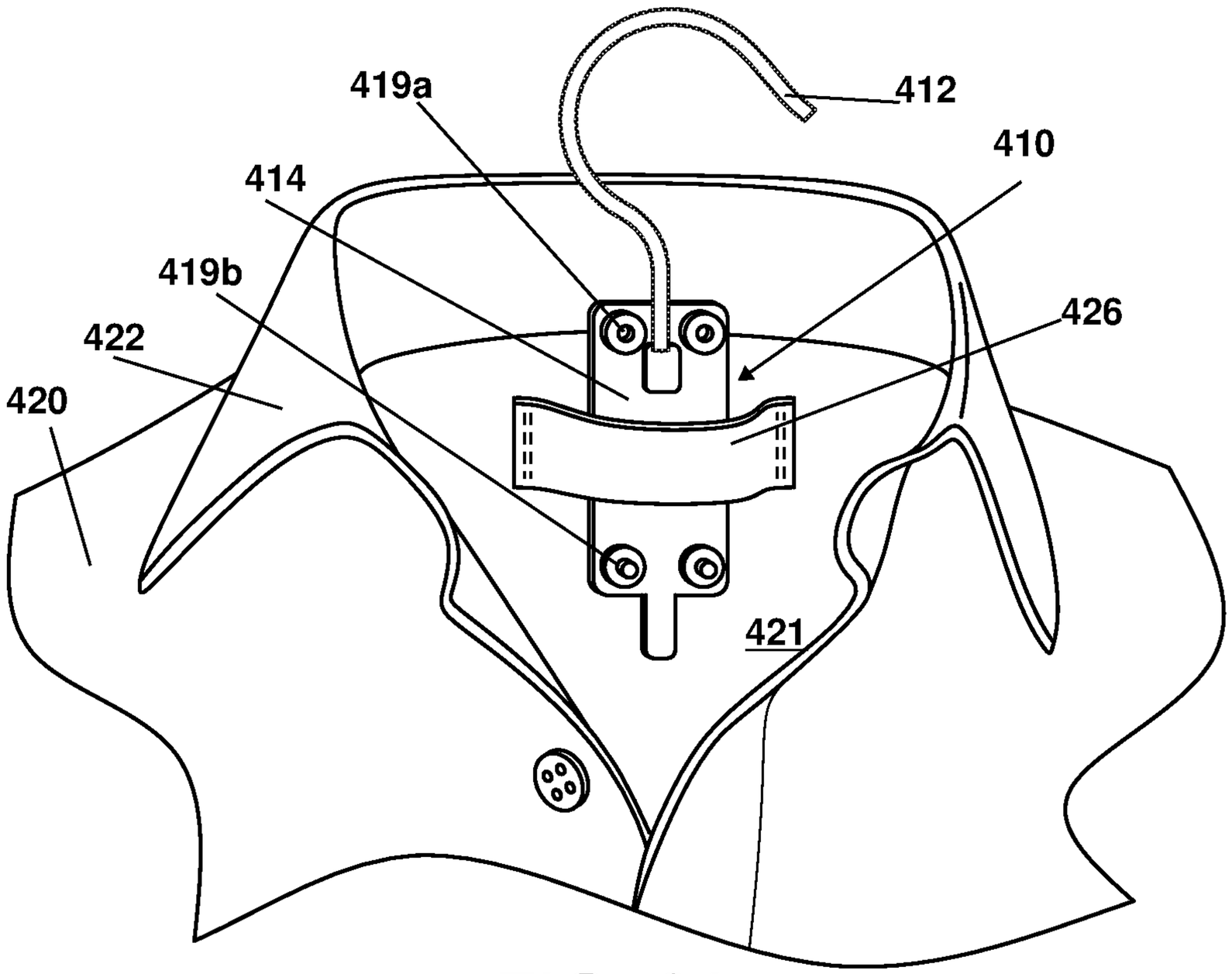
419a
412
410
414
419b
426
422
420
421

FIG. 6A

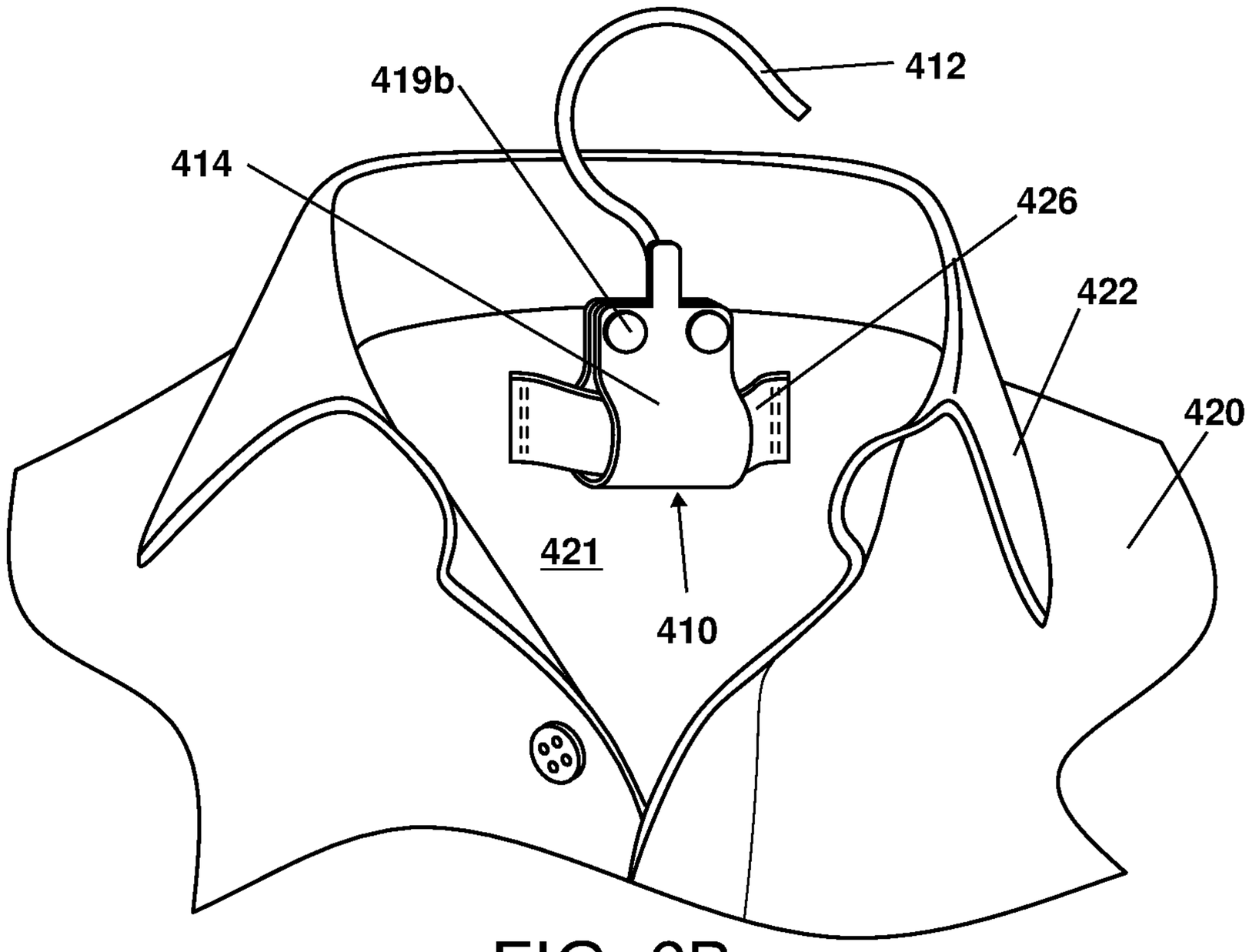
419b
412
414
426
422
420
421
410

FIG. 6B

GARMENT HANGER AND GARMENTS INCLUDING A HANGER

FIELD OF THE DISCLOSED TECHNOLOGY

The disclosed technology relates generally to garment care. More specifically, the disclosed technology relates to garment hangers that can be permanently or temporarily attached to a garment for hanging thereof.

BACKGROUND OF THE DISCLOSED TECHNOLOGY

Typically, garments are hung on wood, metal, or plastic hangers, which terminate in a rigid hook. Such hangers are bulky and hard to store when they are not in use or simply are unavailable in all places or venues may run out of available hangers.

However, the ability to hang clothes up in a closet, for example while traveling, is important to maintaining the quality and appearance of the clothes, and to prevent the clothes from being creased or harmed in another way.

There is thus a need in the art to be able to properly hang a garment anywhere.

SUMMARY OF THE DISCLOSED TECHNOLOGY

The disclosed technology relates generally to garment care. More specifically, the disclosed technology relates to garment hangers that can be permanently or temporarily attached to a garment for hanging thereof.

According to an aspect of some embodiments of the teachings herein, there is provided a garment hanger, adapted to be attached to a portion of a garment, the garment hanger including a rigid hanging hook fixedly attached to a hanger connection portion, which hanger connection portion is adapted to be attached to the portion of the garment.

In some embodiments, the rigid hanging hook is fixedly attached to the hanger connection portion via a flexible connection strap.

In some embodiments, the garment hanger includes first and second garment supporting extensions fixedly attached to the hanger connection portion and extending outwardly therefrom. The first and second garment supporting extensions are adapted to engage and to support shoulder portions of the garment when the garment is hanging.

In some embodiments, the rigid hanging hook is rotatable relative to the hanger connection portion.

In some embodiments, the hanger connection portion includes an elongate flexible body having a first set of fasteners disposed at a first end thereof and a second set of corresponding fasteners disposed at a second end thereof, opposite to the first end. The hanger connection portion is adapted to be removably attached to the garment by the elongate flexible body being disposed around a hanging tab of the garment and engagement of the first set of fasteners with the second corresponding set of fasteners.

In some embodiments, the rigid hanging hook extends from a first lateral side of the hanger connection portion, and a second rigid hanging hook extends from a second lateral side of the hanger connection portion, opposite the first lateral side. At least one of the rigid hanging hook and the second rigid hanging hook may be rotatable relative to the hanger connection portion.

According to another aspect of some embodiments of the teachings herein, there is provided a garment having the hanger connection portion of a garment hanger as disclosed herein attached to an interior surface of the garment, such that the garment is adapted to be hanged by engaging the rigid hanging hook with a hanging rod.

In some such embodiments, the hanger connection portion of the garment hanger is sewn to the interior surface. In other embodiments, the hanger connection portion includes a first set of fasteners, the interior surface of the garment includes a second set of corresponding fasteners. In such embodiments, the hanger connection portion is removably and reversibly connected to the garment by connection of the first set of fasteners to the second set of fasteners.

In some embodiments, the garment includes a hanging tab sewn therein. In such embodiments, the hanger connection portion may includes an elongate flexible body having a first set of fasteners disposed at a first end thereof and a second set of corresponding fasteners disposed at a second end thereof, opposite to the first end. The hanger connection portion may be removably attached to the garment by the elongate flexible body being disposed around the hanging tab and engagement of the first set of fasteners with the second corresponding set of fasteners.

In some embodiments, the rigid hanging hook is fixedly attached to the hanger connection portion via a flexible connection strap. In some such embodiments, in a hanging orientation of the garment hanger, the rigid hanging hook extends out of the garment for hanging thereof, and in a wearing orientation of the garment hanger, the rigid hanging hook is folded over and is disposed against the interior surface of the garment. As such, in the wearing orientation the rigid hanging hook does not extend out of the garment and is not visible when the garment is worn. In some such embodiments, the garment further includes a pocket in the interior surface thereof, such that, in the wearing orientation of the garment hanger the rigid hanging hook is disposed within the pocket.

In some embodiments, the garment hanger further includes first and second garment supporting extensions fixedly attached to the hanger connection portion and extending outwardly therefrom. The first and second garment supporting extensions are disposed within shoulder portions of the garment to support the shoulder portions when the garment is hanging.

In some embodiments, the rigid hanging hook of the garment hanger is rotatable relative to the hanger connection portion of the garment hanger.

In some embodiments, the rigid hanging hook extends from a first lateral side of the hanger connection portion towards a top edge of the garment, and a second rigid hanging hook extends from a second lateral side of the hanger connection portion towards a bottom edge of the garment. At least one of the rigid hanging hook and the second rigid hanging hook may be rotatable relative to the hanger connection portion.

According to another aspect of some embodiments of the teachings herein, there is provided a garment including a garment body having an interior surface. A hanger connection portion is attached to the interior surface of the garment body. The hanger connection portion includes a first connector extending outwardly therefrom toward a top edge of the garment. A rigid hanging hook terminates at one end thereof in a second connector, and is reversible connectable to the hanger connection portion by engagement of the first and second connectors. In some such embodiments, the first and second connectors include corresponding threaded connectors.

In the context of the present specification and claims, the term "garment" relates to any article of clothing adapted to be worn by a person or an animal, as well as to other hanging textile items including garment bags, towels, curtains, and the like.

In the context of the present application and claims, the "top" and "bottom" of a garment relate to the orientation of the garment when worn. As such, the top of the garment would be the portion of the garment disposed highest on a person's body, when worn, and the bottom of the garment would be the portion of the garment disposed lowest on the person's body, when worn.

BRIEF DESCRIPTION OF THE DRAWINGS

FIGS. **1**A, **1**B, and **1**C are schematic illustrations of garments including garment hangers, according to an embodiment of the disclosed technology.

FIGS. **2**A and **2**B show a garment including a garment hanger, in a wearing orientation and in a hanging orientation, respectively, according to an embodiment of the disclosed technology.

FIG. **3** shows the garment hanger of FIGS. **2**A and **2**B, stored in a pocket while in the wearing orientation, according to an embodiment of the disclosed technology.

FIG. **4** shows a garment having garment hanger including garment supporting extensions, according to an embodiment of the disclosed technology.

FIG. **5** shows a garment having a garment hanger which includes a secondary hanger for hanging of another item, according to an embodiment of the disclosed technology.

FIGS. **6**A and **6**B show a removable garment hanger attached to a garment using fasteners, according to an embodiment of the disclosed technology, in an attachment orientation and in an attached orientation, respectively.

DETAILED DESCRIPTION OF EMBODIMENTS OF THE DISCLOSED TECHNOLOGY

In an embodiment of the disclosed technology, a garment hanger is adapted to be attached to a portion of a garment. Garment hanger includes a rigid hanging hook attached to a hanger connection portion, which hanger connection portion is adapted to be attached to the portion of the garment. In some embodiments, the rigid hanging hook is fixedly attached to the hanger connection portion, while in other embodiments it is removably attached to the hanger connection portion. In some embodiments, the hanger connection portion is fixedly attached to the garment, for example by sewing of the hanger connection portion onto a surface of the garment, whereas in other embodiments the hanger connection portion is removably attached to the garment, for example by suitable fasteners.

Embodiments of the disclosed technology will become clearer in view of the following description of the drawings.

FIGS. **1**A, **1**B, and **1**C are schematic illustrations of garments including garment hangers, according to an embodiment of the disclosed technology. As seen in FIG. **1**A, a garment hanger **10**, includes a rigid hanging hook **12** fixedly attached to a hanger connection portion **14**. The hanger connection portion **14** is sewn to a top portion of a jacket **20**, near a collar **22** thereof, such that rigid hanging hook **12** extends upwards toward a top edge of the jacket **20**.

FIG. **1**B shows the garment hanger **10**, such that hanger connection portion is sewn to a top portion of a shirt **30**, near a collar **32** thereof. In the embodiment of FIG. **1**B, the rigid hanging hook **12** extends upwards from the hanger connection portion **14** towards and past the top edge of shirt **30**.

FIG. **1**C shows the garment hanger **10**, such that hanger connection portion is sewn to a top portion of a garment bag **40**, such that rigid hanging hook **12** extends upwards from the hanger connection portion **14** towards and past the top edge of garment bag **40**.

Although FIGS. **1**A to **1**C show the garment hanger **10** disposed at the top edge of the garment, the garment hanger may be disposed at any suitable location along the garment. For example, in some embodiments when hanging a towel, the garment hanger **10** would be disposed at the center of the towel such that the body of the towel drapes around the garment hanger.

Although in the embodiments of FIGS. **1**A to **1**C the hanger connection portion **14** is fixedly attached to the garment by being sewn thereto, in some embodiments the hanger connection portion **14** is reversibly and removably attached to the garment. For example, the garment may include a first set of fasteners and the hanger connection portion **14** may include a second, corresponding set of fasteners, such that the garment hanger **10** may be attached to the garment by engagement of the first and second sets of fasteners. For example, the first set of fasteners may include one side of a hook and loop strip, such as Velcro®, and the second set of fasteners may include the opposing side of the hook and loop strip. As other examples, the fasteners may include snaps, hook-and-eye arrangements, buttons, zippers, and the like.

FIGS. **2**A and **2**B show a garment including a garment hanger **110**, in a wearing orientation and in a hanging orientation, respectively, according to an embodiment of the disclosed technology. Specifically, garment hanger **110** includes a rigid hanging hook **112**, a hanger connection portion **114**, and a flexible strap **115** connecting the rigid hanging hook **112** to the hanger connection portion **114**. The hanger connection portion **114** is attached to an inner surface of a garment, here shown as a shirt **120**, at the top portion thereof close to a collar **122** of the shirt. As discussed hereinabove, the hanger connection portion **114** may be fixedly attached to the shirt **120**, for example by sewing, as illustrated in FIGS. **2**A and **2**B, or maybe removably attached thereto, for example by fasteners.

As seen in FIG. **2**A, in a wearing orientation of garment hanger **110**, rigid hanging hook **112**, together with flexible strap **115**, is folded downward such that the rigid hanging hook **112** is disposed below the hanger connection portion **114**, and lies adjacent the inner surface of shirt **120**. In this orientation, when shirt **120** is worn by a user, the garment hanger **110** does not extend beyond the top edge of the shirt **120**, and is not visible outside the garment when the garment is worn. In the hanging orientation, illustrated in FIG. **2**B, the rigid hanging hook **112** extends upwards from hanger connection portion **114** and beyond the top edge of shirt **120**, to facilitate hanging of the shirt.

As seen in FIG. **3**, in some embodiments, a garment **130** may have an internal pocket **132** therein, typically close to the collar or top edge of the garment. In such embodiments, in the wearing orientation of garment hanger **110**, the rigid hanging hook **112** may be placed within internal pocket **132**, thereby preventing the rigid hanging hook **112** from engaging, irritating and/or chaffing the skin of the user.

FIG. **4** shows a garment **200** having garment hanger **210** attached thereto. Garment hanger **210** includes a rigid hanging hook **212** and a hanger connection portion **214** substantially as described hereinabove, and additionally includes garment supporting extensions **216** attached to hanger con-

nection portion **214** and extending outwardly therefrom. The garment supporting extensions **216** may be fixedly attached to the hanger connection portion **214**, or may be removably attached thereto. As seen in FIG. **4**, in use, the garment supporting extensions **216** are disposed within garment **200**, for example within shoulder portions **224** thereof, to support the garment and prevent it from drooping or wrinkling while the garment is hanging.

FIG. **5** shows a garment **300** having a garment hanger **310** attached thereto. The garment hanger **310** includes a rigid hanging hook **312** and a hanger connection portion **314** attached to a surface of the garment, substantially as described hereinabove. As seen in FIG. **5**, the garment hanger **310** further includes a secondary rigid hanging hook **317**, for example adapted to hold a purse, belt, or another item when the garment is hanging.

As shown in FIG. **5**, in some embodiments, the rigid hanging hook **312** may be rotatable relative to hanger connection portion **314**. In some such embodiments, the rigid hanging hook **312** may be removably and reversibly attached to the hanger connection portion. In such embodiments, hanger connection portion **314** may include a first connector **318** extending outwardly therefrom toward the top edge of garment **300**, and rigid hanging hook **312** may include a second connector, corresponding to the first connector. As such, the rigid hanging hook **312** is removably and reversibly connectable to the hanger connection portion **314** by engagement of the first and second connectors. For example, the first connector **318** may be internally threaded, and the second connector may be externally threaded, such that rotation of the rigid hanging hook relative to hanger connection portion **314** results in threaded engagement of the hook **312** and first connector **318**, thereby connecting the hook to the garment.

FIGS. **6**A and **6**B show a removable garment hanger **410** attached to a garment **420**, in an attachment orientation and in an attached orientation, respectively. The removable garment hanger **410** includes a rigid hanging hook **412**, and a hanger connection portion **414** formed of an elongate flexible body. A first set of fasteners **419***a* is disposed at a first end of hanger connection portion **414**, and a second corresponding set of fasteners **419***b* is disposed at a second, opposing end of hanger connection portion **414**.

The garment **420** includes a body portion having an inner surface **421** and terminating at a top end thereof in collar **422**. A hanging tab **426** is attached to inner surface **421** adjacent the base of collar **422**. During attachment of the garment hanger **410** to the garment the hanger connection portion **414** is placed between inner surface **421** and hanging tab **426** of the garment **420**, such that fasteners **419***a* are on one side of the tab **426**, and fasteners **419***b* are on the opposing side of the tab **426**, as shown in FIG. **6**A. Fasteners **419***a* and **419***b* are then attached to each other, as illustrated in FIG. **6**B, thereby to attach the hanger connection portion **414**, and the garment hanger **410**, to the garment **400**.

Although the fasteners **419***a* and **419***b* are illustrated in FIGS. **6**A and **6**B as snaps, any suitable type of fasteners may be used, and are considered within the scope of the present invention, including hook-and-loop strips (e.g. Velcro®), hook-and-eye arrangements, buttons, zippers, and the like.

While the disclosed technology has been taught with specific reference to the above embodiments, a person having ordinary skill in the art will recognize that changes can be made in form and detail without departing from the spirit and the scope of the disclosed technology. The described embodiments are to be considered in all respects only as illustrative and not restrictive. All changes that come within the meaning and range of equivalency of the claims are to be embraced within their scope. Combinations of any of the methods and apparatuses described hereinabove are also contemplated and within the scope of the invention.

The invention claimed is:

1. A garment hanger, adapted to be attached to a portion of a garment, the garment hanger comprising a rigid hanging hook fixedly attached to a hanger connection portion, which hanger connection portion is adapted to be attached to the portion of the garment;

wherein said garment hanger is attached to an interior surface of said garment, such that said garment is adapted to be hanged by engaging said rigid hanging hook with a hanging rod;

wherein said garment includes a hanging tab sewn therein;

wherein said hanger connection portion comprises an elongate flexible body having a first set of fasteners disposed at a first end thereof and a second set of corresponding fasteners disposed at a second end thereof, opposite to said first end; and

wherein said hanger connection portion is removably attached to said garment by said elongate flexible body being disposed around said hanging tab and engagement of said first set of fasteners with said second set of corresponding fasteners.

* * * * *