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(54) **GARMENTS WITH INTEGRATED GLOVES
AND POCKET ASSEMBLY**

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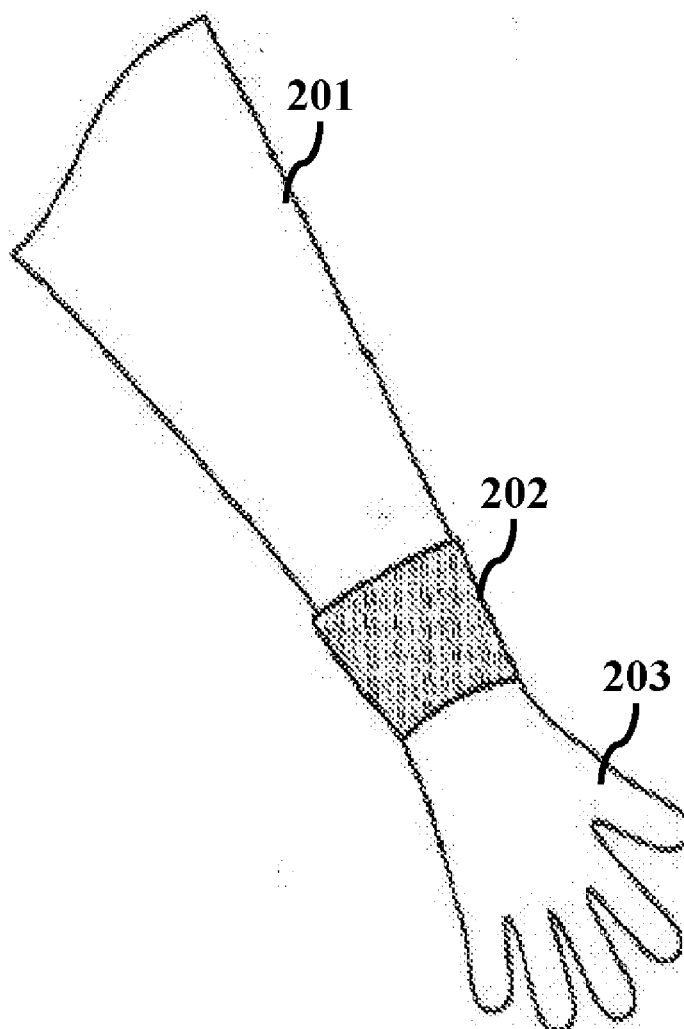
Related U.S. Application Data

(60) Provisional application No. 62/603,962, filed on Jun.
19, 2017.

(57)

ABSTRACT

The embodiments herein provide an upper-body apparel design with a mechanism for folding integrated gloves under the sleeves of the apparel. The apparel comprises a pair of sleeves, a pocket on each of the sleeves, a pair of gloves and a hem finish. The gloves are designed in such a way that the gloves are available only when a user intends to use the gloves. When the gloves are not in use, the gloves are designed to slide into a pocket and stay hidden from view.



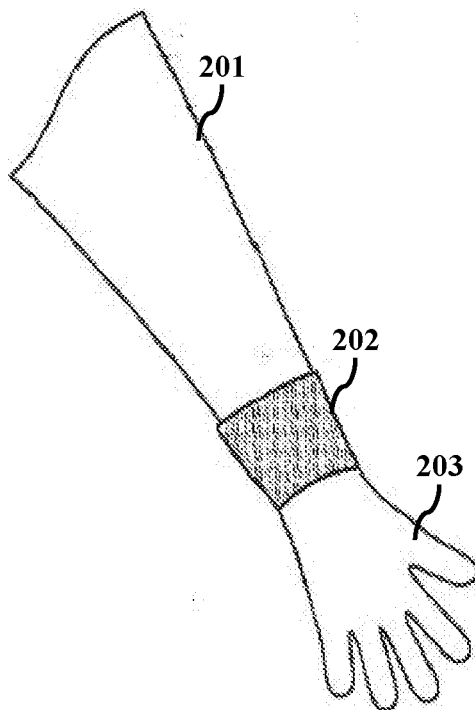


FIG. 1

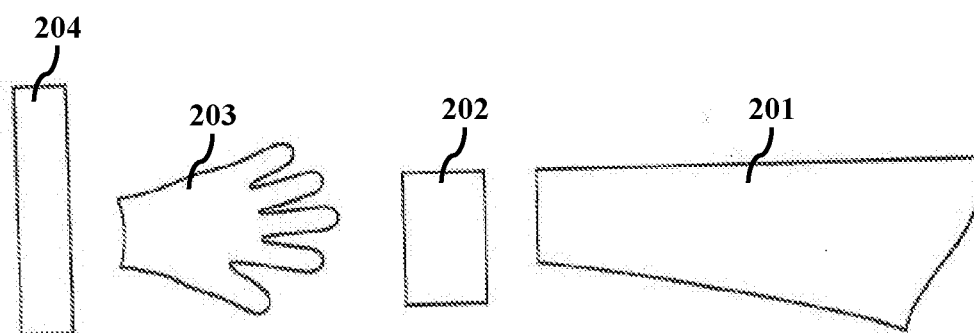


FIG. 2

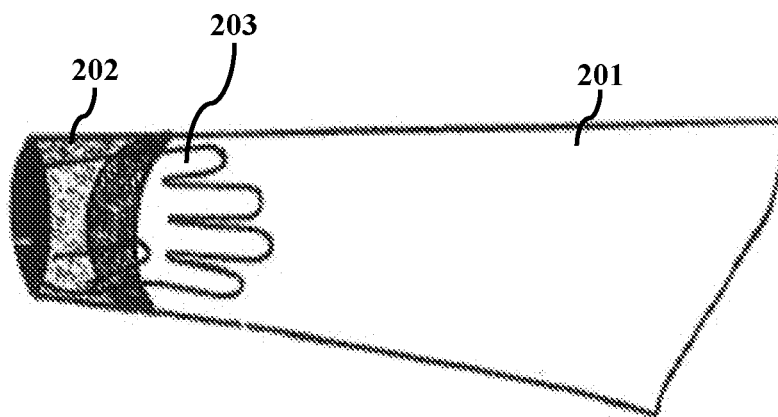


FIG. 3a

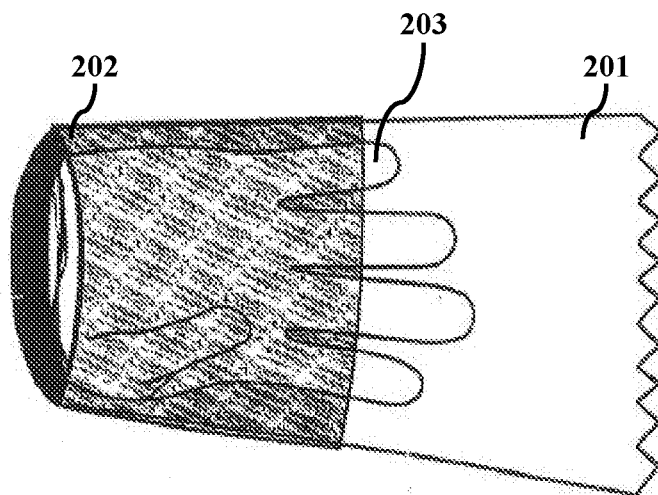


FIG. 3b

GARMENTS WITH INTEGRATED GLOVES AND POCKET ASSEMBLY

CROSS-REFERENCE TO RELATED APPLICATION

[0001] The embodiments herein claim the priority of a United States Provisional patent application (PPA) with Ser. No. 62/603,962 filed on Jun. 19, 2017 with the title, “Glove and Pocket Attachment to Sleeve”, and the contents of which are included entirely as reference herein.

BACKGROUND

Technical Field

[0002] The embodiments herein are generally related garments and apparels for humans. The embodiments herein are particularly related to a construction of upper-body garments and apparels with gloves and pocket assembly for humans. The embodiments herein are more particularly related to a construction of upper-body garments and apparels with convertible and integrated gloves and pocket assembly for humans.

Description of the Related Art

[0003] One of the key factors of countering cold weather is the proper use of warm clothes and materials to keep warm. Apart from multiple layers of clothing to protect the torso from cold, a plurality of accessories is needed to protect the key organs of the body from cold. The accessories include hoods to protect head and ears, scarves to protect the neck and gloves for the hands.

[0004] Although the cold weather accessories are effective, they are also cumbersome to handle with many layers of clothes. It is also quite easy to lose smaller accessories, such as hoods and gloves. Some of the currently available apparel options include the ones where the accessories are combined with the main upper body garment. However, such options are not functional always and provide a plurality of problems during integration with the apparel.

[0005] Various garments have been proposed so as to provide a mitten for the hands of wearer during cold weather or the like. Such devices include garments having mittens attached at the sleeve ends to either cover or uncover the hands at the selection of the wearer. However, such garments have not disclosed gloves which are safely integrated into the garment when not in use. Moreover, when in use, the past garments have covered the hands which inhibited the easy grasping of articles by the wearer.

[0006] Hence, there is a need for an upper-body garment with integrated gloves. There is also a need for an upper garments with extendable gloves and pocket assembly. Still further there is a need for an upper garment constructed integrally with a convertible, retractable and extendable gloves. Yet there is a need for a garment assembly with a mechanism for interchanging sleeves integrated with gloves.

[0007] The abovementioned shortcomings, disadvantages and problems are addressed herein and which will be understood by reading and studying the following specification.

OBJECTIVES OF THE EMBODIMENTS HEREIN

[0008] The primary object of the embodiments herein is to provide an upper-body apparel/garment with integrated gloves.

[0009] Another object of the embodiments herein is to provide an upper-body apparel/garment with a mechanism for folding/tucking-in integrated gloves under the sleeves of the apparel.

[0010] Yet another object of the embodiments herein is to provide an upper-body apparel/garment with an integrated mechanism for interchanging only the sleeve of upper-body apparel with integrated gloves.

[0011] Yet another object of the embodiments herein to provide a garment having a pocket and glove construction for selectably presenting the gloves to the wearer.

[0012] Yet another object of the embodiments herein is to provide a garment with a first mode in which the hands are normally extended beyond the end of the sleeve and a second mode in which the hands are covered with a glove.

[0013] Yet another object of the embodiments herein is to provide a garment having purchase surfaces selectively presented at the ends thereof thereby allowing the covered hands with gloves of the wearer to grasp objects easily.

[0014] These and other objects and advantages of the embodiments herein will become readily apparent from the following summary and the detailed description taken in conjunction with the accompanying drawings.

SUMMARY

[0015] The following details present a simplified summary of the embodiments herein to provide a basic understanding of the several aspects of the embodiments herein. This summary is not an extensive overview of the embodiments herein. It is not intended to identify key/critical elements of the embodiments herein or to delineate the scope of the embodiments herein. Its sole purpose is to present the concepts of the embodiments herein in a simplified form as a prelude to the more detailed description that is presented later.

[0016] The other objects and advantages of the embodiments herein will become readily apparent from the following description taken in conjunction with the accompanying drawings.

[0017] The various embodiments herein provide an upper-body apparel/garment assembly with integrated gloves. According to an embodiment herein, an upper-body apparel/garment is provided with a mechanism for folding integrated gloves under the sleeves of the apparel. According to an embodiment herein, an upper-body apparel/garment is provided with a mechanism for exchanging/attaching the sleeves integrated with gloves. According to an embodiment herein, an upper-body apparel/garment is provided a sleeve integrated with an extendable gloves.

[0018] According to an embodiment herein, an upper-body apparel for humans with convertible and integrated gloves is provided. The apparel comprises a pair of sleeves, a pocket on each of the sleeves, a pair of gloves and a hem finish.

[0019] According to an embodiment herein, each of the sleeves is connected to a glove through garment stitching.

[0020] According to an embodiment herein, each of the glove is enabled/configured to be contextually functional. The glove is designed to non-intrusively fold into the pocket provided on each sleeve.

[0021] According to an embodiment herein, the pair of gloves is designed to fold under the hem finish when the gloves are not in use.

[0022] According to an embodiment herein, the hem finish is designed to hide the pocket and the glove when the glove is not in use.

[0023] According to an embodiment herein, the gloves are designed and configured to be extended out of the pockets during use condition and retracted back into the pockets when not in use or in packed/folded condition.

[0024] According to an embodiment herein, one set of sleeves integrated with the gloves are exchanged with another set of sleeves based on requirement and need. The sleeves are attached to the garment/apparel through a fastener. The fastener is selected from a group consisting of a hem stitching, Velcro-attachment, tape, and zipped fastener.

[0025] These and other aspects of the embodiments herein will be better appreciated and understood when considered in conjunction with the following description and the accompanying drawings. It should be understood, however, that the following descriptions, while indicating preferred embodiments and numerous specific details thereof, are given by way of illustration and not of limitation. Many changes and modifications may be made within the scope of the embodiments herein without departing from the spirit thereof, and the embodiments herein include all such modifications.

BRIEF DESCRIPTION OF THE DRAWINGS

[0026] The other objects, features and advantages will occur to those skilled in the art from the following description of the preferred embodiment and the accompanying drawings in which:

[0027] FIG. 1 illustrates a side view of a sleeve with integrated gloves in extended condition, according to an embodiment herein.

[0028] FIG. 2 illustrates an exploded assembly view of a sleeve with integrated gloves for attachment to a garment/apparel, according to an embodiment herein.

[0029] FIG. 3a illustrates a side view of a sleeve integrated with folded gloves in a retracted or tucked in condition, according to an embodiment herein.

[0030] FIG. 3b illustrates a side view of an exchangeable/replaceable sleeve integrated with folded gloves in a retracted or tucked in condition, according to an embodiment herein.

[0031] Although the specific features of the embodiments herein are shown in some drawings and not in others. This is done for convenience only as each feature may be combined with any or all of the other features in accordance with the embodiment herein.

DETAILED DESCRIPTION OF THE EMBODIMENTS HEREIN

[0032] The embodiments herein and the various features and advantageous details thereof are explained more fully with reference to the non-limiting embodiments that are illustrated in the accompanying drawings and detailed in the following description. Descriptions of well-known compo-

nents and processing techniques are omitted so as to not unnecessarily obscure the embodiments herein. The examples used herein are intended merely to facilitate an understanding of ways in which the embodiments herein may be practiced and to further enable those of skill in the art to practice the embodiments herein. Accordingly, the examples should not be construed as limiting the scope of the embodiments herein.

[0033] In the following detailed description, a reference is made to the accompanying drawings that form a part hereof, and in which the specific embodiments that may be practiced is shown by way of illustration. The embodiments are described in sufficient detail to enable those skilled in the art to practice the embodiments and it is to be understood that the logical, mechanical and other changes may be made without departing from the scope of the embodiments. The following detailed description is therefore not to be taken in a limiting sense.

[0034] The various embodiments herein provide an upper-body apparel/garment assembly with integrated gloves. According to an embodiment herein, an upper-body apparel/garment is provided with a mechanism for folding the integrated gloves under the sleeves of the apparel. According to an embodiment herein, an upper-body apparel/garment is provided with a mechanism for exchanging/attaching the sleeves integrated with gloves. According to an embodiment herein, an upper-body apparel/garment is provided a sleeve integrated with an extendable gloves.

[0035] According to an embodiment herein, an upper-body apparel for humans with convertible and integrated gloves is provided. The apparel comprises a pair of sleeves, a pocket on each of the sleeves, a pair of gloves and a hem finish.

[0036] According to an embodiment herein, each of the sleeves is connected to a glove through garment stitching.

[0037] According to an embodiment herein, each of the glove is enabled/configured to be contextually functional. The glove is designed to non-intrusively fold into the pocket provided on each sleeve.

[0038] According to an embodiment herein, the pair of gloves is designed to fold under the hem finish when the gloves are not in use.

[0039] According to an embodiment herein, the hem finish is designed to hide the pocket and the glove when the glove is not in use.

[0040] According to an embodiment herein, the gloves are designed and configured to be extended out of the pockets during use condition and retracted back into the pockets when not in use or in packed/folded condition.

[0041] According to an embodiment herein, one set of sleeves integrated with the gloves are exchanged with another set of sleeves based on requirement and need. The sleeves are attached to the garment/apparel through a fastener. The fastener is selected from a group consisting of a hem stitching, Velcro-attachment, tape, and zipped fastener.

[0042] According to an embodiment herein, a garment has a glove and pocket assembly integrally formed/provided at the end of the sleeve, and wherein the glove and pocket assembly is positioned/used based on a user selected position. The user is prompted to select or the user selects between a first position allowing the user's fingers to extend beyond the opening of the sleeve and a second position wherein the user's fingers are covered by a glove assembly,

[0043] According to an embodiment herein, a second position is either depressed below the sleeve surface or held in place at a position extending along the sleeve. A pocket assembly with glove cover presents a purchase surface which enhances the users's ability to pick up objects when the user's fingers are covered by the glove.

[0044] FIG. 1 illustrates a side view of a sleeve with integrated gloves in extended condition, according to an embodiment herein. The upper-body apparel comprises a sleeve 201, a pocket 202 and a glove 203. The glove 203 is extended from the sleeve 201 of the apparel.

[0045] FIG. 2 illustrates an exploded assembly view of a sleeve with integrated gloves for attachment to a garment/apparel, according to an embodiment herein. The upper-body apparel comprises a sleeve 201, a pocket 202 a glove 203 and a hem stitch or finish 204.

[0046] FIG. 3a illustrates a side view of a sleeve integrated with folded gloves in a retracted or tucked in condition, according to an embodiment herein. FIG. 3b illustrates a side view of an exchangeable/replaceable sleeve integrated with folded gloves in a retracted or tucked in condition, according to an embodiment herein. With respect to FIG. 3a and FIG. 3b, the upper-body apparel comprises a sleeve 201, a pocket 202 and a glove 203.

[0047] The advantages of the embodiments herein include a design for convertible and integrated gloves. The gloves are designed in such a way that the gloves are available only when a user intends to use the gloves. When the gloves are not in use, the gloves are designed to slide into a pocket and stay hidden from view.

[0048] The foregoing description of the specific embodiments will so fully reveal the general nature of the embodiments herein that others can, by applying current knowledge, readily modify and/or adapt for various applications such specific embodiments without departing from the generic concept, and, therefore, such adaptations and modifications should and are intended to be comprehended within the meaning and range of equivalents of the disclosed embodiments. It is to be understood that the phraseology or terminology employed herein is for the purpose of descrip-

tion and not of limitation. Therefore, while the embodiments herein have been described in terms of preferred embodiments, those skilled in the art will recognize that the embodiments herein can be practiced with modification within the spirit and scope of the appended claims.

[0049] Although the embodiments herein are described with various specific embodiments, it will be obvious for a person skilled in the art to practice the invention with modifications. However, all such modifications are deemed to be within the scope of the appended claims.

[0050] It is also to be understood that the following claims are intended to cover all of the generic and specific features of the embodiments described herein and all the statements of the scope of the embodiments which as a matter of language might be said to fall there between.

What is claimed is:

1. An upper-body apparel for humans with convertible and integrated gloves, the apparel comprising:
 - a pair of sleeves;
 - a pocket on each of the sleeves;
 - a pair of gloves; and,
 - a hem finish/stitching;
 wherein the pair gloves is extended telescopically from the sleeve during usage condition and is retracted or folded back into the sleeve in non-usage or folded condition.
2. The system according to claim 1, wherein each sleeve is connected to the glove through garment/hem stitching.
3. The system according to claim 1, wherein each glove is enabled to contextually remain functional, and wherein the glove is designed to be non-intrusively folded into the pocket at each sleeve.
4. The system according to claim 1, wherein the pair of gloves is designed to be folded under the hem finish when the gloves are not in use.
5. The system according to claim 1, wherein the hem finish is designed to hide the pocket and the glove, when the glove is not in use.

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