A GARMENT FASTENER

[001] The invention relates to fasteners for garments. More specifically, the invention relates to a fastener for a head-worn garment such as headscarves that secures the garment in place at a substantially fixed position on a user as the garment is worn by the user.

BACKGROUND OF THE INVENTION

[002] Religious headscarves, such as the hijab and the *tudung*, are traditionally worn by Muslim women as a symbol of religious observance. However, it is known that they can present certain difficulties in their fastening. One challenge is ensuring they stay securely fastened in place, and as such, they require careful adjustments and pinning. Conventional devices used for fastening a headscarf securely in a proper position include pins and needles. Moreover, among the prior arts that relate to fasteners for garments include US10136704B2, which discloses a coupling for securing fabric items includes a pin assembly which has a head and a shaft, the shaft passes through the fabric items, and a catch is then mated with the shaft such that the fabric items are sandwiched between the head and the catch. US10136704B2 further includes a magnetic release member that is employed when it becomes necessary to decouple the catch from the shaft.

[003] However, the aforementioned conventional devices and prior art may eventually damage the fabric of the headscarf. Known fabrics used for headscarves include chiffons, silks, satins, or the like, which are delicate in nature. As such, users using the aforementioned conventional devices and the prior art are required to weave through the fabric of the headscarf carefully for the headscarf to be fastened in a proper position. However, with the headscarf being fastened using the aforementioned conventional devices and the prior art, it is inevitable that there will be holes formed in the fabric of the headscarf. Also, with the headscarf being worn repeatedly, the constant poking of needles leaves multiple holes in the fabric of the headscarf. Over time, this causes the lifespan of the fabric of the headscarf to shorten as the holes either increase in size or increase in number. Sometimes, the fabric of the headscarf may also get stuck in the hook of the needle causing the fabric to become ruined. Accordingly, it is desirable to have a garment fastener that overcomes these aforementioned issues faced by its users.

SUMMARY OF INVENTION

[004] The main objective of the invention is to provide a garment fastener that is easy to use and does not damage the garment fabric of the garment, with the garment preferably being a headscarf. To achieve this objective, the garment fastener is in the form of pairable members that include a first member and a second member, with each member comprising one or more attractor modules. One or more layers of garment fabric of the garment are to be secured between the members as the members coupled via their attractor modules for fastening of the garment.

[005] Advantageously, the garment fastener of the present invention ensures that damage to the garment fabric of the garment is avoided, as no more holes will be formed thereon. With this, a garment such as a headscarf may be kept and worn by the user for a longer time, thereby providing long-term savings to the user as they need not frequently purchase new headscarves. Moreover, the garment fastener is easy to use as it is only required to be snapped together for them to be coupled for fastening garment fabric of the headscarf securely in place, hence, time is saved during wearing of the headscarf.

[006] The present invention intends to provide a garment fastener, comprising pairable members including a first member and a second member, with each member comprising one or more attractor modules. The pairable members secure one or more layers of garment fabric therebetween with the first member being covered by the garment fabric and the second member being atop the garment fabric where the first member is located for both members to be substantially coupled via their attractor modules.

[007] Preferably, the members each are in the form of a singular body, and each member includes a first attractor module and the second attractor module, which are part of or accommodated within the singular body.

[008] Preferably, the attractor modules of either or both members are spaced with a distance therebetween.

[009] Preferably, the members each further comprises an indented portion between their attractor modules.

[0010] Preferably, the intended portion of the first member and the intended portion of the second member secure one or more layers of garment fabric therebetween as they are substantially coupled via their attractor modules.

[0011] Preferably, either or both the members, each includes a first attractor module and the second attractor module, with the first attractor module being part of or accommodated within a first piece, and the second attractor module being part of or accommodated within a second piece.

[0012] Preferably, the garment fastener further comprises a connector that connects each piece of the divided body of the first member, the second member or a combination thereof.

[0013] Preferably, the garment fastener further comprises a fabric gatherer connected to either one or both the members for constraining fabric passing therethrough prior to or after the fabric is made to fasten between the pairable members.

[0014] Preferably, the fabric gatherer is connected to either one member by means of linkages that is either rigid or resilient.

[0015] Preferably, the body of the members is either rigid, pliable or a combination thereof.

[0016] Preferably, the garment fastener is placed at an anatomical region of a user that corresponds to a shoulder of a user during its use.

[0017] Preferably, the attractor modules of the members are magnets or magnetic devices.

[0018] Preferably, the members of the garment fastener each have a body that is of a length of between 45 mm and 55 mm, a width of between 5 mm and 15 mm, and a height of between 6 mm and 12 mm.

[0019] Preferably, the attractor modules of the garment fastener each have a length of between 15 mm and 25 mm, a width of between 5 mm and 9 mm, and a height of between 2 mm and 4 mm.

[0020] The present invention further intends to provide a method of using a garment fastener, comprising the steps of wrapping a garment around a primary anatomical region of a user, disposing a first member of pairable members of the garment fastener, which comprises one

or more attractor modules, about a location that corresponds to a secondary anatomical region of the user, laying one or more layers of garment fabric at the location of the first member, disposing a second member of pairable members of the garment fastener, which comprises one or more attractor modules, about the garment fabric that corresponds to the location of the first member. The pairable members secure one or more layers of garment fabric therebetween with the first member being covered by the garment fabric and the second member being atop the garment fabric, where the first member is located, for both members to be substantially coupled via their attractor modules.

[0021] Preferably, regarding the method, the second member is in the form of a divided body having one or more pieces, in which its first attractor module is part of or accommodated within a first piece, and its second attractor module is part of or accommodated within a second piece.

[0022] Preferably, regarding the method, the second member further comprises a connector that connects each piece of the divided body of the first member and/or the second member.

[0023] Preferably, regarding the method, the step of disposing a second member of pairable members, which comprises one or more attractor modules, about the garment fabric at the location of the first member further comprising the steps of bundling the garment fabric into a bundle, and strapping the bundle between the first member and the second member by use of the connector of the second member.

[0024] Preferably, regarding the methods, the second member further comprises a fabric gatherer.

[0025] Preferably, regarding the method, the step of disposing a second member of pairable members, which comprises one or more attractor modules, about the garment fabric at the location of the first member further comprising the steps of bundling the garment fabric into a bundle, passing the bundle through the fabric gatherer of the second member, and disposing the second member at the location of the first member over the bundle gathered by its fabric gatherer.

[0026] One skilled in the art will readily appreciate that the invention is well adapted to carry out the objects and obtain the ends and advantages mentioned, as well as those inherent

therein. The embodiments described herein are not intended as limitations on the scope of the invention.

BRIEF DESCRIPTION OF THE DRAWINGS

[0027] To facilitate an understanding of the invention, there is illustrated in the accompanying drawings the preferred embodiments from an inspection of which when considered in connection with the following description, the invention, its construction and operation and many of its advantages would be readily understood and appreciated.

[0028] FIGS. 1a and **1b** are diagrams illustrating views of a user having their garment fastened by the garment fastener of the present invention. In particular, **FIG. 1a** illustrates a front view of the user wearing a garment fastened using the said garment fastener, while **FIG. 1b** illustrates a rear view of the user wearing a garment fastened using the said garment fastener.

[0029] FIGS. 2a to **2c** are diagrams illustrating one or more views of the garment fastener in a first example embodiment. In particular, **FIG. 2a** illustrates their bottom view, **FIG. 2b** illustrates their top view, while **FIG. 2c** illustrates their side sectional side view.

[0030] FIG. 2d is a diagram illustrating a sectional side view of a member of the garment fastener in a first example embodiment, whereby it is shaped to accommodate attractor modules.

[0031] FIGS. 3a and **3b** are diagrams illustrating one or more views of the garment fastener in a second example embodiment. In particular, **FIG. 3a** illustrates its bottom view, while **FIG. 3b** illustrates its top view.

[0032] FIGS. 4a and **4b** are diagrams illustrating one or more views of the garment fastener in a third example embodiment. In particular, **FIG. 4a** illustrates its bottom view, while **FIG. 4b** illustrates its top view.

[0033] FIGS. 5a to 5c are diagrams illustrating sectional side views of the garment fastener in various embodiments securing one or more layers of garment fabric. In particular, **FIG.**

5a illustrates the first example embodiment, **FIG. 5b** illustrates the second example embodiment, and **FIG. 5c** illustrates the third example embodiment.

DETAILED DESCRIPTION OF THE INVENTION

[0034] The present invention relates to a garment fastener, preferably for head-worn garments such as headscarves, which securely fastens the said garment in place to be in a substantially fixed position on a user, as the garment is worn by the user. The invention may also be presented in a number of different embodiments with common elements.

[0035] According to the concept of the invention, the garment fastener is in the form of pairable members that include a first member and a second member. Each member comprises one or more attractor modules for enabling one or more layers of garment fabric to be secured between the first member and the second member the members are substantially coupled via their attractor modules. With this, the one or more layers of garment fabric are held in place so that the worn garment retains its shape and form and does not become undone as the user moves about while performing their daily activities

[0036] From hereon, it should be noted that garments may refer to articles, wearables, apparel, or clothing that is worn by the user at one or more anatomical regions of the user. Preferably, these articles, wearables, apparel, or clothing may include headwear, headgears or headpieces, which may be, by way of example, scarfs, headscarves, veils, or the like. These articles, wearables, apparel, or clothing may also include full-body garments, or partial-body garments that substantially cover the entirety of the user or portions of the user. Preferably, the garment used as an example for the garment fastener of the present invention is a headscarf. However, it is to be noted that its descriptions shall similarly be applicable to the aforementioned articles, wearables, apparel, or clothing.

[0037] From hereon, it will be understood that, although the terms first, second, etc. may be used herein to describe various elements, components, regions, layers or sections, these elements, components, regions, layers or sections should not be limited by these terms. These terms are only used to distinguish one element, component, region, layer or section from another region, layer or section. Thus, a first element, component, region, layer or section

discussed below could be termed a second element, component, region, layer or section without departing from the teachings of the present invention.

[0038] From hereon as well, spatially relative terms, such as “top”, “bottom”, and the like, may be used herein for ease of description to describe one element or feature's relationship to another element or feature as illustrated in the figures. It will be understood that the spatially relative terms are intended to encompass different orientations of the assembly in use or operation in addition to the orientation depicted in the figures. For example, if the assembly in the figures is turned over, elements described as “top” other elements or features would then be oriented “bottom” the other elements or features. Thus, the exemplary term “top” can encompass both an orientation of above and below. The device may be otherwise oriented and the spatially relative descriptors used herein interpreted accordingly.

[0039] The invention will now be described in greater detail, by way of example, with reference to the figures. For ease of reference, common reference numerals or series of numerals will be used throughout the figures when referring to the same or similar features common to the figures.

[0040] FIG. 1a illustrates a front view of a user **A** wearing a garment **B** that is fastened in place on the user **A** by use of a garment fastener **1** of the present invention. Whereas, **FIG. 1b** illustrates a rear view of the user **A** wearing a garment **B** that is fastened in place on the user **A** by use of a fastener **1** of the present invention.

[0041] As shown in **FIGS 1a** and **1b**, the garment **B** is in the form of a headscarf, and it may be wrapped around a primary anatomical region of user **A** one or more times with a portion of garment fabric of the garment **B** ending on a secondary anatomical region of the user **A**. The garment fastener **1**, which comes in the form of pairable members, securely fastens the aforementioned portions of the garment **B** at the shoulder of the user so that its shape and form remain in place as it is worn. Preferably, the garment fastener **1** has two pairable members, each having one or more attractor modules, with one of the members being placed underneath the garment fabric of the garment **B** and is closest to the user **A**, while the other member is placed atop the garment fabric of the garment **B** where the previously placed member is located and is furthest away from the user **A**.

[0042] In particular, in the case of garment **B** shown in **FIGS 1a** and **1b**, the primary anatomical region of user **A** is a head portion of the user **A**. The pairable members of the garment fastener **1** are to be placed at a secondary anatomical region of the user that corresponds to the shoulder of the user, more specifically, locations long their shoulder that corresponds to their clavicle section, acromion section, or a combination thereof. However, it is to be noted that the primary anatomical region and the secondary anatomical region of the user **A** may be of the same.

[0043] The garment fastener **1** as shown in **FIGS 1a** and **1b** may have one or more embodiments, which shall now be described.

[0044] FIGS. 2a to **2c** are diagrams illustrating one or more views of the garment fastener in its first example embodiment **10**. In particular, **FIG. 2a** illustrates its bottom view, **FIG. 2b** illustrates its top view, while **FIG. 2c** illustrates its side sectional side view.

[0045] FIG. 2d is a diagram illustrating a sectional side view of a member of the garment fastener in its first example embodiment **10**, whereby it is shaped to accommodate attractor modules.

[0046] As shown in **FIGS 2a** to **2d**, the garment fastener in its first example embodiment **10** comprises pairable members that include a first member **11** and a second member **12**, with each member being a singular body.

[0047] Regarding the garment fastener in its first example embodiment **10** as shown in **FIGS 2a** to **2d**, the first member **11** comprises a first attractor module **111** and a second attractor module **112**, while the second member **12** comprises a first attractor module **121** and a second attractor module **122** as well. In particular, the attractor modules **111**, **112**, **121**, **122** are part of or accommodated within the body of members **11**, **12**, and each substantially extend longitudinally from each distal end of the members **11**, **12**. The longitudinal lengths of the attractor modules **111**, **112**, **121**, **122** are preferably the same, but this may not be necessarily so. Also, is to be noted that the amount of attractor modules for each member **11**, **12** may not be limited to as shown in **FIGS 2a** to **2d**, and may be any other permissible amount.

[0048] Regarding the garment fastener in its first example embodiment **10** as shown in **FIGS 2a** to **2d**, each member **11**, **12** of the pairable member may have a singular body that is rigid or pliable. In the case where they are to have a body that is rigid, their bodies may be, by way of example, made from stainless steel, aluminium alloy, or the like. In the case where they are to have a body that is pliable, their bodies may be, by way of example, made from silicon. In the case where they have a body that is pliable, they may be able to substantially conform to contours of an anatomical region of the user. For accommodating the attractor modules **111**, **112**, **121**, **122**, the body of each member **11**, **12** may be formed with one or more cavities as magnet holders. It is to be noted that the shape of the body of each member **11**, **12** may not be limited to as shown in **FIGS 2a** to **2d**, and may be any other permissible shape.

[0049] Regarding members **11**, **12** of the garment fastener in its first example embodiment **10** as shown in **FIGS 2a** to **2d**, their attractor modules **111**, **112**, **121**, **122** are spaced apart from each other at a distance. More specifically, for the first member **11**, its first attractor module **111** and its second attractor module **112** are spaced apart at a first distance, while for the second member **12**, its first attractor module **121** and its second attractor module **122** are spaced apart at a second distance. The aforementioned first distance and second distance may be of a same length, however, they may be also of a different length as well.

[0050] As shown in **FIGS 2a** to **2d**, the members **11**, **12** of the first example embodiment **10** of the garment fastener further comprise an indented portion **113**, **123** between their attractor modules **111**, **112**, **121**, **122**. More specifically, for the first member **11**, its body has a first indented portion **113** between the first attractor module **111** and the second attractor module **112**, and for the second member **12**, its body has a second indented portion **123** between the first attractor module **121** and the second attractor module **122**. These indented portions may enable the members **11**, **12** of the first example embodiment **10** to further securely fasten garment fabric as both members **11**, **12** substantially couple via their attractor modules **111**, **112**, **121**, **122**.

[0051] Regarding the garment fastener in its first example embodiment **10** as shown in **FIGS 2a** to **2d**, the attractor modules **111**, **112**, **121**, **122** of the members **11**, **12** are magnets or magnetic devices. They may be, by way of example, neodymium magnets. Preferably, the attractor modules **111**, **112**, **121**, **122** are quadrilateral in shape, but they may be of any other permissible shape that preferably corresponds to the body of the members **11**, **12**. More

specifically, for each member **11**, **12**, their attractor modules **111**, **112**, **121**, **122** that are part of or accommodated within them are orientated or configured to be of opposing polarities. In particular, for the first member **11**, its first attractor module **111** may have a north-south polarity while its second attractor module **112** may have a south-north polarity. In particular, for the second member **12**, its first attractor module **121** may have a south-north polarity while its second attractor module **122** may have a north-south polarity. Alternatively, for the second member **12**, its first attractor module **121** and second attractor module **122** may have polarities similar to the first member **11**. It is to be noted that the attractor modules **111**, **112**, **121**, **122** may be rigid or pliable.

[0052] Regarding the garment fastener in its first example embodiment **10** as shown in **FIGS 2a** to **2d**, the members **11**, **12** of the first example embodiment **10** each have a bottom surface and a top surface. In particular, as shown in **FIG. 2a**, the top surface of the members **11**, **12** has portions of the attractor modules **111**, **112**, **121**, **122** exposed. In particular, as shown in **FIG. 2b**. the top surface of the members **11**, **12** corresponds to the surface of the body. In particular, as shown in **FIG. 2c** and **2d**, portions of the attractor modules **111**, **112**, **121**, **122** are embedded within the body with only one of their surfaces exposed at the bottom surface of the members **11**, **12** for maximum attractive forces between the attractor modules **111**, **112**, **121**, **122** for their coupling. Alternatively, the members **11**, **12** may have their attractor modules **111**, **112**, **121**, **122** encased within their bodies, in such an embodiment, to minimise attenuation of the attractive forces of the attractor modules **111**, **112**, **121**, **122**, the encasement may be thin or film-like so that the attractor modules **111**, **112**, **121**, **122** are close to the top surface and/or the bottom surface of the body.

[0053] Regarding the garment fastener in its first example embodiment **10** as shown in **FIGS 2a** to **2d**, preferably the body of each member **11**, **12** has a length of between 45 mm and 55 mm, a width of between 5 mm and 15 mm, and a height of between 6 mm and 12 mm. But most preferably, the body of each member **11**, **12** has a length of 50 mm, a width of 10 mm, and a height of 9 mm. Preferably, as well, the attractor modules **111**, **112**, **121**, **122** has a length of between 15 mm and 25 mm, a width of between 5 mm and 9 mm, and a height of between 2 mm and 4 mm. But most preferably, the body of each member **11**, **12** has a length of 20 mm, a width of 7 mm, and a height of 3 mm. These dimensions are merely examples and may not be interpreted as limitations to the dimensions of the garment fastener in its first example embodiment **10**.

[0054] FIG. 5a is a diagram illustrating the sectional side view of the garment fastener in its first example embodiment **10** in use to fasten garment fabric. As shown, as the garment is worn, one or more layers of garment fabric are to be between the members **11**, **12** as they substantially couple via their attractor modules **111**, **112**, **121**, **122**.

[0055] With reference to **FIG. 5a**, by way of example, the first member **11** is to be positioned along an anatomical region of the user, and is to be closer to the user compared to the second member **12**. The bottom surface of the first member **11** is oriented to face away from the anatomical region of the user, while the bottom surface of the second member **12** is oriented to face towards the anatomical region of the user for its coupling with the first member **11**.

[0056] With reference to **FIG. 5a**, by way of example, the first attractor module **111** of the first member **11** may couple with a first attractor module **121** of the second member **12**, by means of an attractive force between a north-facing pole of the first attractor module **111** of the first member **11** and a south-facing pole of the first attractor module **121** of the second member **12**. Moreover, by way of example, the second attractor module **112** of the first member **11** may couple with a second attractor module **122** of the second member **12**, by means of an attractive force between a south-facing pole of the second attractor module **112** of the first member **11** and a north-facing pole of the second attractor module **122** of the second member **12**. It is to be noted that the aforementioned coupling is merely an example, and coupling may be done so long as an attractive force is formed between a north-facing pole and a south-facing pole of the attractor modules **111**, **112**, **121**, **122**.

[0057] As for decoupling the second member **12** from the first member **11** to unfasten the garment fastener, the user may exert a force to overcome the attractive forces of the attractor modules **111**, **112**, **121**, **122**.

[0058] With reference to **FIG. 5a**, preferably, as the first member **11** substantially couples with the second member **12** via their attractor modules **111**, **112**, **121**, **122**, both members **11**, **12** are to be substantially aligned to one another. This ensures maximum contact area between the attractor modules **111**, **112**, **121**, **122** of both members **11**, **12** for securing the layers of garment fabric. Moreover, as the members **11**, **12** are substantially aligned to one another, their indented portions **113**, **123** are preferably aligned to one another.

[0059] With reference to **FIG. 5a**, as the layers of garment fabric are fastened between the coupled members **11**, **12**, the layers of garment fabric may have folds that enter the indented portions **113**, **123**. This further increases the securement of the garment fabric as the occurrence of garment fabric slipping from the coupled members **11**, **12** is reduced.

[0060] FIGS. 3a and **3b** are diagrams illustrating one or more views of the garment fastener in its second example embodiment **20**. In particular, **FIG. 3a** illustrates its bottom view, **FIG. 4b** illustrates its top view.

[0061] Regarding the garment fastener in its second example embodiment **20** as shown in **FIGS 3a** and **3b**, it comprises pairable members that include a first member **21** and a second member **22**. In this second example embodiment **20**, the first member **21** has a singular body, while the second member **22** has a divided body. More specifically, the second member **22** has a first piece **221** and a second piece **222** with a connector **223** connecting both pieces **221**, **222**.

[0062] Regarding the garment fastener in its second example embodiment **20** as shown in **FIGS 3a** and **3b**, the first member **21** comprises a first attractor module **211** and a second attractor module **212**. Whereas, the first piece **221** of the second member **22** comprises a first attractor module **2211**, and the second piece **222** of the second member **22** comprises a second attractor module **2221**. In particular, the attractor modules **211**, **212**, **2211**, **2221** are part of or accommodated within the body of members **21**, **22**. In the case of the first member **21**, its attractor modules **211**, **212** each substantially extend longitudinally from each distal end of the first member **21**. In the case of the second member **22**, its attractor modules **2211**, **2221** may preferably be located at each piece **221**, **222** in their entirety. The longitudinal lengths of the attractor modules **211**, **212**, **2211**, **2221** are preferably the same, but this may not be necessarily so. Also, is to be noted that the amount of attractor modules for each member **21**, **22** may not be limited to as shown in **FIGS 3a** and **3b**, and may be any other permissible amount.

[0063] It is to be noted that various descriptions of the garment fastener in its second example embodiment **20** may follow from descriptions of the garment fastener in its first example embodiment **10**, which include the composition of the body of its members **21**, **22**, the make of its attractor modules **211**, **212**, **2211**, **2221**, the disposition of its attractor

modules **221**, **212** within the body of the first member **21**, and its related dimensions. This also includes the bottom and top surfaces of the first member **21**, the first piece **221** of the second member **22**, and the second piece **222** of the second member **22**. As such, they shall not be repeated, as it is imperative that teaching of the garment fastener in its first example embodiment **10** may be brought over to the garment fastener in its second example embodiment **20**.

[0064] As shown in **FIGS. 3a** and **3b**, the first member **21** of the second example embodiment **20** further comprises an indented portion **213** between its attractor modules **211** **213**. This indented portion **213** may enable the first member **21** of the second example embodiment **20** to further securely fasten garment fabric as both members **21**, **22** substantially couple via their attractor modules **211**, **212**, **221**, **222**.

[0065] Regarding the garment fastener in its second example embodiment **20** as shown in **FIGS 3a** and **3b**, the connector **223** that connects the first piece **221** of the second member **22** and the second piece **222** of the second member **22** may be, by way of example, an elastic strap, an elastic band, an elastic cord, or any item that has an elastic or resilient property. Alternatively, the connector **223** may be a rigid inelastic connector. In particular, each end of the connector **223** is connected to an end of the first piece **221** of the second member **22** and an end of the second piece **222** of the second member **22**.

[0066] Regarding the garment fastener in its second example embodiment **20** as shown in **FIGS 3a** and **3b**, its first member **21** may have a body that is substantially more elongated compared to the first member **11** of the garment fastener of the first example embodiment **10**. This, in combination with its second member **21**, ensures that a larger amount and area of garment fabric may be fastened by the garment fastener in its second example embodiment **20**. More specifically, the garment fabric may be made into a bundle as it is fastened by the coupled first member **21** and second member **22** of the second example embodiment **20**.

[0067] **FIG. 5b** is a diagram illustrating the garment fastener in its second example embodiment **20** the used to fasten garment fabric. As shown, as the garment is worn, one or more layers of garment fabric is to be between the members **21**, **22** as they substantially couple via their attractor modules **211**, **212**, **2211**, **2221**.

[0068] With reference to **FIG. 5b**, by way of example, the first member **21** is to be positioned along an anatomical region of the user, and is to be closer to the user compared to the second member **22**. The bottom surface of the first member **21** is oriented to face away from the anatomical region of the user, while the bottom surfaces of the first piece **221** and the second piece **222** of the second member **12** are oriented to face towards the anatomical region of the user for their coupling with the first member **21**.

[0069] With reference to **FIG. 5b**, by way of example, the first attractor module **211** of the first member **21** may couple with a first attractor module **2211** of the first piece **221** of the second member **22**, by means of an attractive force between a north-facing pole of the first attractor module **211** of the first member **21** and a south-facing pole of the first attractor module **2211** of the first piece **221** of the second member **22**. Moreover, by way of example, the second attractor module **212** of the first member **21** may couple with a second attractor module **2221** of the second piece **222** of the second member **22**, by means of an attractive force between a south-facing pole of the second attractor module **112** of the first member **11** and a north-facing pole of the second attractor module **2221** of the second piece **222** of the second member **22**. It is to be noted that the aforementioned coupling is merely an example, and coupling may be done so long as an attractive force is formed between a north-facing pole and a south-facing pole of the attractor modules **211**, **212**, **2211**, **2221**.

[0070] As for decoupling the pieces **221**, **222** of the second member **22** from the first member **21** to unfasten the garment fastener, the user may exert a force to overcome the attractive forces of the attractor modules **211**, **212**, **2211**, **2221**.

[0071] With reference to **FIG. 5b**, preferably, as the first member **11** substantially couples with the second member **12** via their attractor modules **111**, **112**, **121**, **122**, the pieces **221**, **222** of the second member **22** are to be wholly located at areas along the first member **11** where its attractor modules **211**, **212** are located. This ensures maximum contact area between the attractor modules **111**, **112**, **121**, **122** of both members **11**, **12** for fastening the layers of garment fabric of the garment.

[0072] With reference to **FIG. 5b**, preferably, prior to the coupling of the first member **21** and the pieces **221**, **222** of the second member **22**, the garment fabric is preferably bundled into a bundle. Afterwards, the bundle is strapped between the first member **21** and the second

member **22** by use of the connector **223** of the second member **22** as the first member **21** and the pieces **221**, **222** of the second member **22** are coupled.

[0073] FIGS. 4a and **4b** are diagrams illustrating one or more views of the garment fastener in its third example embodiment **30**. In particular, **FIG. 4a** illustrates its bottom view, while **FIG. 4b** illustrates its bottom view.

[0074] Regarding the garment fastener in its third example embodiment **30** as shown in **FIGS. 4a** and **4b**, it comprises pairable members that include a first member **311** and a second member **312**, with each member being a singular body. Furthermore, the second member **32** comprises linkages **324** and a fabric gatherer **325**, wherein the linkages **324** connect the fabric gatherer **325** to the body of the second member **32**.

[0075] Regarding the garment fastener in its third example embodiment **30** as shown in **FIGS. 4a** and **4b**, its first member **31** comprises a first attractor module **311** and a second attractor module **312**, while its second member **32** further comprises a first attractor module **321** and a second attractor module **322**. In particular, the attractor modules **311**, **312**, **321**, **322** are part of or accommodated within the body of members **31**, **32**, and each substantially extend longitudinally from each distal end of the members **31**, **32**. The longitudinal lengths of the attractor modules **311**, **312**, **321**, **322** are preferably the same, but this may not be necessarily so. Also, is to be noted that the amount of attractor modules for each member **31**, **32** may not be limited to as shown in **FIGS 4a** and **4b**, and may be any other permissible amount.

[0076] It is to be noted that various descriptions of the garment fastener in its third example embodiment **30** may follow from descriptions of either one or both the garment fastener in its first example embodiment **10** and the garment fastener in its second example embodiment **20**. which include the composition of the body of their members **31**, **32**, the disposition of their attractor modules **311**, **312**, **321**, **322** within the body of the members **31**, **32**, and its related dimensions. This also includes the bottom and top surfaces of the first member **31** and the second member **32**. As such, they shall not be repeated, as it is imperative that teaching of the garment fastener in its first example embodiment **10** and or its second example embodiment **20** may be brought over to the garment fastener in its third example embodiment **30**.

[0077] As shown in **FIGS. 4a** and **4b**, the members **31**, **32** of the third example embodiment **30** of the garment fastener further comprise an indented portion **313**, **323** between their attractor modules **311**, **312**, **321**, **322**. More specifically, for the first member **31**, its body has a first indented portion **313** between the first attractor module **311** and the second attractor module **312**, and for the second member **32**, its body has a second indented portion **323** between the first attractor module **321** and the second attractor module **322**. These indented portions may enable the members **31**, **32** of the first example embodiment **30** to further securely fasten garment fabric as both members **31**, **32** substantially couple via their attractor modules **311**, **312**, **321**, **322**.

[0078] Regarding the garment fastener in its third example embodiment **30** as shown in **FIGS. 4a** and **4b**, the fabric gatherer **325** that is linked to the second member **32** via linkages **324** is preferably a ring-like or loop-like structure that gathers garment fabric as the garment fabric is made to pass therethrough. Preferably, the fabric gatherer **325** is a rigid so that its gathered fabric remains constrained therewithin. The fabric gatherer **325**, by way of example, may be in the form of a metallic ring, or a hard-plastic ring.

[0079] Regarding the garment fastener in its third example embodiment **30** as shown in **FIGS. 4a** and **4b**, the linkages **324** that link the fabric gatherer **325** to the second member **32** may provide a rigid or an elastic link, but most preferably, it is a rigid link. The linkages **324**, by way of example, may be in the form of lightweight metal chains, a non-elastic strap, or the like. In particular, the length of each linkage **324** is to be of a sufficient length such that movements of the gathered garment fabric within the fabric gatherer **325** is refrained from disturbing the layers of garment fabric fastened between the coupled members **31**, **32**.

[0080] **FIG. 5c** is a diagram illustrating the garment fastener in its third example embodiment **30** in use to fasten garment fabric. As shown, as the garment is worn, one or more layers of garment fabric are to be between the members **31**, **32** as they substantially couple via their attractor modules **311**, **312**, **321**, **322**.

[0081] With reference to **FIG. 5c**, by way of example, the first member **31** is to be positioned along an anatomical region of the user, and is to be closer to the user compared to the second member **32**. The bottom surface of the first member **31** is oriented to face away the

anatomical region of the user, while the bottom surface of the second member **32** is oriented to face towards the anatomical region of the user for its coupling with the first member **31**.

[0082] With reference to **FIG. 5c**, by way of example, the first attractor module **311** of the first member **31** may couple with a first attractor module **321** of the second member **32**, by means of an attractive force between a north-facing pole of the first attractor module **311** of the first member **31** and a south-facing pole of the first attractor module **321** of the second member **32**. Moreover, by way of example, the second attractor module **312** of the first member **31** may couple with a second attractor module **322** of the second member **22**, by means of an attractive force between a south-facing pole of the second attractor module **312** of the first member **31** and a north-facing pole of the second attractor module **322** of the second member **32**. It is to be noted that the aforementioned coupling is merely an example, and coupling may be done so long as an attractive force is formed between a north-facing pole and a south-facing pole of the attractor modules **311**, **312**, **321**, **322**.

[0083] As for decoupling the second member **32** from the first member **31** to unfasten the garment fastener, the user may exert a force to overcome the attractive forces of the attractor modules **311**, **312**, **321**, **322**.

[0084] With reference to **FIG. 5c**, much like in the garment fastener of the first example embodiment **10**, within the garment fastener of the third example embodiment **30**, its first member **31** substantially couples with the second member **32** via their attractor modules **311**, **312**, **321**, **322**. Both members **31**, **32** are to be substantially aligned to each other. This ensures maximum contact area between the attractor modules **311**, **312**, **321**, **322** of both members **31**, **32** for fastening the layers of garment fabric of the garment.

[0085] With reference to **FIG. 5c**, much like in the garment fastener of the first example embodiment **10**, within the garment fastener of the third example embodiment **30**, as the layers of garment fabric are fastened between the coupled members **31**, **32**, the layers of garment fabric may have folds that enter the indented portions **313**, **323**. This further increases the securement of the garment fabric as the occurrence of garment fabric slipping from the coupled members **31**, **32** is reduced.

[0086] With reference to **FIG. 5c**, preferably, prior to the coupling of the first member **31** and the second member **32**, the garment fabric is bundled or gathered into a bundle. Then,

the bundle is made to enter and pass through the fabric gatherer **325**. Afterwards, the garment fabric that had been made to pass through the fabric gatherer **325** is fastened between the first member **31** and the second member **32** as they are coupled via their attractor modules **311**, **312**, **321**, **322**. Alternatively, the garment fabric may be bundled or gathered into a bundle for it to enter and pass through the fabric gatherer **325** after the coupling of the first member **31** and the second member **32**.

[0087] Whilst not shown, there are one or more example embodiments of the garment fastener of the present invention.

[0088] There may be a fourth example embodiment of the garment fastener that may be a derivative of the garment fastener of the first example embodiment **10**. More specifically, its first member may further comprise an indented portion between its attractor modules, and its second member further comprises a protruded portion between its attractor modules. As the said first member and the said second member are substantially coupled via their attractor modules, the indented portion of the first member may receive the protruded portion of the second member. When one or more layers are secured between the said first member and the said second member, the protruded portion of the said second member may push portions of the garment fabric into the indented portion of the said first member. This further increases the securement of the garment fabric as the occurrence of garment fabric slipping from the said coupled members is reduced.

[0089] There may be a fifth example embodiment of the garment fastener that may be a derivative of the garment fastener of the second example embodiment **20** and the garment fastener of the third example embodiment **30**. More specifically, its first member may be as per the first member of the aforementioned embodiments, while its second member may be in the form of a divided body comprising a first piece and a second piece that are connected using a connector. As such, this embodiment may enable one or more layers of garment fabric to be bundled into a bundle that enters and passes through, for this said bundle to then be is strapped between the said first member and the said second member by use of the said connector of the said second member as the said first member and the said pieces of the said second member are coupled.

[0090] Whilst not shown, it is to be noted that for the embodiments of the garment fastener as described, any one surface of the body of the members may have a substantial roughness, but most preferably being the bottom surface, which may be the surface where the attractor modules are exposed. This further increases the securement of the garment fabric as the occurrence of garment fabric slipping from the said coupled members is reduced.

[0091] With this, the details pertaining to a garment fastener that secures one or more layers of a worn garment, its embodiments, and their method of use have been elucidated. Whilst the garment fastener of the present invention had been described to be primarily compatible with head-worn garments, it is to be noted that it may be readily generalised by a person skilled in the art for usage in full-body garments, partial-body garments, or the like.

[0092] The present disclosure includes as contained in the appended claims, as well as that of the foregoing description. Although this invention has been described in its preferred form with a degree of particularity, it is understood that the present disclosure of the preferred form has been made only by way of example and that numerous changes in the details of construction and the combination and arrangements of parts may be resorted to without departing from the scope of the invention.

CLAIMS

1. A garment fastener, comprising

pairable members including a first member and a second member, with each member comprising one or more attractor modules;

wherein the pairable members secure one or more layers of garment fabric therebetween with the first member being covered by the garment fabric and the second member being atop the garment fabric where the first member is located for both members to be substantially coupled via their attractor modules.

2. The garment fastener according to claim 1, wherein the members each are in the form of a singular body, and each member includes a first attractor module and the second attractor module, which are part of or accommodated within the singular body.

3. The garment fastener according to claim 2, wherein the attractor modules of either or both members are spaced with a distance therebetween.

4. The garment fastener according to claim 3, wherein the members each further comprises an indented portion between their attractor modules.

5. The garment fastener according to claim 4, wherein the intended portion of the first member and the intended portion of the second member secure one or more layers of garment fabric therebetween as they are substantially coupled via their attractor modules.

6. The garment fastener according to claim 1, wherein either or both the members, each includes a first attractor module and the second attractor module, with the first attractor module being part of or accommodated within a first piece, and the second attractor module being part of or accommodated within a second piece.

7. The garment fastener according to claim 6, further comprising a connector that connects each piece of the divided body of the first member, the second member or a combination thereof.

8. The garment fastener according to any one of the preceding claims, further comprising a fabric gatherer connected to either one or both the members for constraining fabric passing therethrough prior to or after the fabric is made to fasten between the pairable members.

9. The garment fastener according to claim 8, wherein the fabric gatherer is connected to either one member by means of linkages that is either rigid or resilient.

10. The garment fastener according to any one of the claims 2 to 9, wherein the body of the members are either rigid, pliable or a combination thereof.

11. The garment fastener according to any one of the preceding claims, wherein the garment fastener is placed at an anatomical region of a user that corresponds to a shoulder of a user during its use.

12. The garment fastener according to any one of the preceding claims, wherein the attractor modules of the members are magnets or magnetic devices.

13. The garment fastener according to any one of the preceding claims, wherein the members each have a body that is of a length of between 45 mm and 55 mm, a width of between 5 mm and 15 mm, and a height of between 6 mm and 12 mm.

14. The garment fastener according to any one of the preceding claims, wherein the attractor modules each have a length of between 15 mm and 25 mm, a width of between 5 mm and 9 mm, and a height of between 2 mm and 4 mm.

15. A method of using a garment fastener, comprising the steps of

wrapping a garment around a primary anatomical region of a user;

disposing a first member of pairable members of the garment fastener, which comprises one or more attractor modules, about a location that corresponds to a secondary anatomical region of the user;

laying one or more layers of garment fabric at the location of the first member;

disposing a second member of pairable members of the garment fastener, which comprises one or more attractor modules, about the garment fabric that corresponds to the location of the first member;

wherein the pairable members secure one or more layers of garment fabric therebetween with the first member being covered by the garment fabric and the second member being atop the garment fabric, where the first member is located, for both members to be substantially coupled via their attractor modules.

16. The method according to claim 15, wherein the second member is in the form of a divided body having one or more pieces, in which its first attractor module is part of or accommodated within a first piece, and its second attractor module is part of or accommodated within a second piece.

17. The method according to claim 16, wherein the second member further comprises a connector that connects each piece of the divided body of the first member and/or the second member.

18. The method according to claim 17, wherein the step of disposing a second member of pairable members, which comprises one or more attractor modules, about the garment fabric at the location of the first member further comprising the steps of

bundling the garment fabric into a bundle; and

strapping the bundle between the first member and the second member by use of the connector of the second member.

19. The method according to claim 15, wherein the second member further comprises a fabric gatherer.

20. The method according to claim 19, wherein the step of disposing a second member of pairable members, which comprises one or more attractor modules, about the garment fabric at the location of the first member further comprising the steps of

bundling the garment fabric into a bundle;

passing the bundle through the fabric gatherer of the second member; and

disposing the second member at the location of the first member over the bundle gathered by its fabric gatherer.