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SYSTEM AND APPARATUS FOR PROTECTING AND ORGANIZING SPORT CLUB SETS

Abstract

A system for protecting and organizing sport club sets (e.g., golf club sets) during storage and transportation. The system includes at least one club connector for removably coupling at least two sport clubs from the sport club set. The club connector includes a spacer comprising a resilient housing. The housing defines an inner chamber housing a magnetic core. The club connector is configured to attach to at least a portion of a first sport club and a second sport club and keep the first sport club from colliding with the second sport club at a predetermined fixed distance. A plurality of club connectors may be used to fix a plurality of sport clubs in relation to one another.

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Background/Summary

BACKGROUND

[0001] Special equipment such as clubs, rackets, and sticks are used in many sports such as golf, tennis, hockey, and others. This equipment ranges in shape, materials, weight, price, and quality. Regardless of their differences, taking care of equipment such as club sets is important on and off the course in order to keep the club set in excellent condition. A good practice in the maintenance of club sets is storing and transporting club sets properly.

Description

DRAWINGS

[0002] The Detailed Description is described with reference to the accompanying figures. The use of the same reference numbers in different instances in the description and the figures may indicate similar or identical items.

[0003] FIG. **1** is a front view of a club connector attached to a first face of a club, in accordance with example embodiments of the present disclosure.

[0004] FIG. **2** is an exploded isometric view of the club connector shown in FIG. **1**, in accordance with example embodiments of the present disclosure.

[0005] FIG. **3** is a side view of a system for protecting and organizing club sets including a plurality of club connectors, the system connecting a set of golf clubs including irons, hybrids, and wedges, in accordance with example embodiments of the present disclosure.

[0006] FIG. **4** is a front view of a club connector having a string attachment, in accordance with example embodiments of the present disclosure.

[0007] FIG. **5** is a top view of a club connector having a decorative attachment, in accordance with example embodiments of the present disclosure.

[0008] FIG. **6** is a cross-sectional view of a club connector having a brush attachment, in accordance with example embodiments of the present disclosure.

[0009] FIG. **7** is a top view of a club connector having a tapered end, in accordance with example embodiments of the present disclosure.

[0010] FIG. **8** is an exploded view of the club connector shown in FIG. **1**, having at least one magnetic core at each side of the housing, in accordance with example embodiments of the present disclosure.

[0011] FIG. **9** is an exploded view of the club connector shown in FIG. **1**, having multiple magnetic cores separated by a spacer and including coupling grooves, in accordance with example embodiments of the present disclosure.

DETAILED DESCRIPTION

[0012] Although the subject matter has been described in language specific to structural features and/or process operations, it is to be understood that the subject matter defined in the appended claims is not necessarily limited to the specific features or acts described above. Rather, the specific features and acts described above are disclosed as example forms of implementing the claims.

Overview

[0013] Equipment used for sports (e.g., golf, hockey, tennis, etc.), such as clubs, rackets, and sticks, are an investment for players, whether they play the sport professionally or as a hobby. The equipment can be damaged while playing, during transportation (e.g., colliding with other equipment or the transportation medium), and storage. This damage results in a significant reduction in effectiveness and longevity of the equipment.

[0014] For example, in golf, golf clubs may be damaged while being carried in a golf bag, even if

the golf club bag includes individual compartments for each individual piece of the club set. Different types of golf clubs may be more affected than others. The heads of irons and wedges include structural features such as sharp grooves that produce spin on a golf ball upon impact. As golf clubs wear out, the grooves may become more rounded, thereby reducing the spin it can produce on golf balls upon impact. For this reason, professional players may replace wedges multiple times a year due to wear.

[0015] This damage to golf clubs impacts resale value, with visibly worn and/or damaged clubs having a lower resale value among comparable club sets. Proper care of sport clubs is required to keep the equipment in optimum condition. This maintenance includes proper transportation, cleaning, and storage of the sport club.

[0016] To reduce the impact between the golf club heads, players may use golf club covers that completely cover the heads of the different types of golf clubs. These golf club covers are cumbersome to use while playing as they are easily lost and each golf club cover is unique to each club in the club set. For users that have customized or special edition golf club sets (e.g., having special finishes, etc.), the golf club covers can be unattractive as they completely cover the head of the clubs, keeping the golf club from being displayed.

[0017] This disclosure is directed to a system for protecting and organizing sport club sets including at least one club connector. The club connector is configured to attach to at least a first sport club and a second sport club, keeping the first and second sport clubs connected at a fixed distance from one another. The club connector keeps sport club set heads, for example golf club heads, fixed in place relative to one another, avoiding collisions and unwanted effects (e.g., damage, rattling noise, etc.). The golf club connector can be removably coupled to at least two golf clubs adjacent to one another when held in a golf bag during storage and transportation, in and off the course. The system provides a way to protect and organize clubs while keeping them displayed.

[0018] The system includes at least one club connector having a housing defining a cavity and housing a magnet. The at least one club connector connects to at least a surface (e.g., the face, the back, the crown, the heel, the toe, the hosel, the sole, etc.) of the first sport club and a surface (e.g., the face, the back, the sole, the loft, etc.) of the second sport club in proximity to the first sport club. The system may include a plurality of club connectors connecting multiple clubs from the club set. The multiple clubs can be attached to one another in succession and line up in a stack.

[0019] During gameplay, when a specific club is needed, a first club connector may be detached from the club surface of the desired club and left attached to the at least one surface of the paired club(s). The system minimizes the risk of losing the at least one club connector, as it stays attached to the remaining clubs that are not in active use in the bag. Retrieval and replacement of the club is also simplified as it easily attaches back to the at least one surface of the paired club(s) it was previously attached to. The club connector can be used with different club types having different shapes and sizes and is not limited to protecting golf clubs.

Detailed Description of Example Embodiments

[0020] Referring generally to FIGS. **1** through **3**, a system **1000** for protecting and organizing sport clubs **50** is described. The system **1000** includes at least one club connector **100** configured to attach to a first sport club **50** and a second sport club **50**. The club connector **100** fixes the position of the first sport club **50** and the second sport club **50** at a predetermined distance respective from one another.

[0021] For example, if the sport clubs are golf clubs, each of the at least two golf clubs include a club head coupled to a shaft, where the respective shafts of the at least two golf clubs are inserted within the golf bag so that the respective club heads of the at least two golf clubs extend from the golf bag. By keeping the sport clubs **50** coupled or fixed at a desired distance away from each other, the club connector **100** prevents collisions between the golf clubs from happening. The club connector **100** is configured to removably couple at least two sport clubs **50** held in a bag, for example, when the sport clubs **50** are adjacent to one another during storage and transportation.

[0022] The club connector **100** includes a spacer **101** having a first distal end **110** and a second distal end **112**. Although the first distal end **110** and the second distal end **112** are shown axially opposite to one another, in example embodiments (not shown) where the spacer **101** has a non-rectangular shape, the club connector **100** may have more than a first distal end **110** and a second distal end **112**.

[0023] As shown in FIG. **2**, the spacer **101** may include a first portion **102** and a second portion **104**. The first portion **102** and the second portion **104** respectively define a cavity **106** and include a surface face **114** disposed on the opposite side of the cavity **106**. In embodiments, the surface face **114** is parallel to an inner surface defining the cavity **106**. When the first portion **102** and the second portion **104** are coupled together, the respective cavity **106** create an inner chamber within the club connector **100**. In the example embodiments shown, first portion **102** and second portion **104** are identical to each other. However, in different embodiments, the first portion **102** and the second portion **104** may have different shapes, sizes, dimensions, materials, textures, etc. In other embodiments, the spacer may be formed from a single piece made through injection-molding, extrusion, three-dimensional printing, etc.

[0024] In example embodiments, for example as shown in FIGS. **6** and **9**, the separate portions of the spacer **101** form a projection **130**. The first portion **102** or the second portion **104** may include a plurality of projections **130**. The projection **130** is configured to be at least partially received by an indentation **132** by the other corresponding spacer portion. As the projection **130** and the indentation **132** engage or couple to one another, the separate portions of the spacer **101** are secured to one another from disengagement under external stresses. In the embodiment shown, a portion of the spacer **101** includes two (2) protrusions **130** and two (2) indentations **132** disposed proximate to the corners of the spacer **101** portion. In other embodiments, the protrusions **130** and corresponding indentations **132** may be elongated and extend at least partially from the first distal end **110** to the second distal end **112** or extend at least partially from the top to the bottom of the spacer **101**.

[0025] In one example embodiment, the spacer **101** has a length and height that would fit against different back shapes of the sport clubs **50** (e.g., a blade, flat backs, hollowed backs, backs with a cavity, rounded backs, clubs including weights, etc.) and prevent sport clubs **50** from moving out of a parallel position from each other. The spacer **101** is configured to engage with clubs that include stroke correcting/improving features. For example, the spacer **101** may have a width between one-quarter of an inch (¼ in.) and one-and-a-half inches (1.5 in.). The spacer **101** may have a height between one-quarter of an inch (¼ in.) and one-and-a-half inches (1.5 in.). The spacer **101** may have a length between one inch (1 in.) and three-and-a-half inches (3.5 in.). It should be noted, however, that according to other embodiments, other ranges of thickness and length of the spacer **101** are within the scope of the invention. For example, in other embodiments, the spacer **101** may have a width between three-eighths of an inch (⅜ in.) and three-quarters of an inch (¾ in.), a height between three-eighths of an inch (⅜ in.) and three-quarters of an inch (¾ in.), and a length ranging between one-and-a-half inches (1.5 in.) and two inches (2 in.) In example embodiments, the corners/edges of the spacer **101** can be beveled, chamfered, rounded, or otherwise shaped to accommodate cavities formed or defined by the sports club **50**.

[0026] It should be understood that although the spacer **101** herein is described as having two portions, in other example embodiments the spacer **101** may be comprised of at least one portion or more than two portions defining at least one inner chamber. The spacer **101** may be composed of material that can hold the sport clubs together and prevent sliding. The material can be at least one of rubber, a carbon fiber, an organic polymer, a synthetic polymer, a ceramic, a leather, or a fabric, among others, or a combination thereof. The spacer **101** is configured to securely hold the magnetic core **108** without damaging (e.g., scratching, chipping, corroding, etc.) the sport clubs **50** when the club connector **100** is coupled.

[0027] The inner chamber houses a magnetic core **108** composed of a ferromagnetic material. Examples of ferromagnetic materials include but are not limited to, iron (Fe), nickel (Ni), cobalt

(Co), neodymium, and alloys such as steel, alnico, permalloy, etc. The magnetic core **108** shown in the example embodiment has a rectangular cross-section, but different magnetic cores having other shapes and cross-sections including round, cylindrical, etc. may be housed within the spacer **101**. The magnetic core **108** may be a permanent magnet or an electromagnet. The magnetic core **108** may have a thickness between one-eight of an inch (⅛ in.) and one inch (1 in.). In example embodiments as shown in FIG. **8**, at least one of the first portion **102** or the second portion **104** of the spacer **101** may include a plurality of magnetic cores **108** housed within a respective plurality of cavities **106**.

[0028] The magnetic core **108** may have a pull force that is strong enough to hold at least two sport clubs **50** together (e.g., during transportation) but not too strong that the user would not be able to pull the two sport clubs **50** apart. For example, the magnetic core **108** may have a pull force between 5 pounds and 45 pounds. In other embodiments, the magnetic core **108** has a pull force between 10 pounds and 35 pounds. In other embodiments, as shown in FIG. **9**, two or more weaker magnetic cores **108** can be used in combination with each other to produce the pull force described above. In embodiments, the two or more magnetic cores **108** may be separated with a divider **126**. In other embodiments, the divider **126** may be configured to provide at least one of height, width, or thickness to the two or more magnetic cores **108**.

[0029] In other embodiments, a magnetic core **108** with more than 45 pounds of pull force can be used. In these embodiments, each of the spacer portions may be thick enough to accommodate and compensate for the stronger magnetic force pull. In other embodiments, the spacer **101** and the magnetic core **108** are integrated in one element. The spacer **101** may be comprised of or covered with a flexible ferromagnetic material.

[0030] As shown in FIGS. **1** and **3**, the club connector **100** is configured to attach to at least a portion of the head of the first sport club **50** and the second sport club **50**. For example, the club connector **100** may attach to a respective magnetic surface of the first sport club **50** and the second sport club **50** such as a face **54**, a back **58**, a sole **56**, or a loft **52**. The club connector **100** couples the sport clubs at a fixed distance, separate from one another.

[0031] In example embodiments, as shown in FIG. **4**, the spacer **101** includes a groove **128** defined at an outer surface of the spacer **101**. The groove may extend from the first distal end **110** to the second distal end **112**. The groove **128** is configured to receive an angular side, a corner, an edge, or an extruded portion of the surface of a sports club **50**. The groove **128** allows the club connector **100** to contact a larger surface area of the sports club **50** when the sports club **50** has an irregular (e.g., not flat) magnetic surface area. For example, by receiving an angular extruded portion of a magnetic surface of the sports club **50** (e.g., an extruded edge at the back of the sports club) the groove **128** may allow the club connector **100** to contact non-parallel surfaces of the sports club **50** and increase the contacted and secured surface of the sports club **50**.

[0032] In other embodiments, the club connector **100** may include a plurality of grooves **128** extending from the first distal end **110** to the second distal end **112**. In other embodiments, the groove **128** may only partially extend from the first distal end **110** to the second distal end **112**. The at least one groove **128** may extend from the top to the bottom of the outer surface of the spacer **101**. The at least one groove **128** may be disposed at an angle between zero degrees (0°) and ninety degrees (90°) across the surface of the spacer **101**.

[0033] In example embodiments when the user wants to prevent collisions between more than two sport clubs **50**, the system **1000** may include at least a first club connector **100** and a second club connector **100**. A first club connector **100** may prevent collisions between the first sport club **50** and the second club **50**. Additionally, the second club connector **100** is configured to attach to a portion of the second sport club **50** and a third sport club **50**, and keep the third sport club **50** from colliding with the first sport club **50** and the second sport club **50**. For example, the system **1000** may include n club connectors **100** for every n+1 sport clubs in the club set that are to be organized and protected from collision.

[0034] In example embodiments, the club connector **100** may include at least one accessory. For example, as shown in FIGS. **1** and **4**, the club connector **100** may include a strap **116** having at least one end disposed between the first portion **102** and the second portion **104**. The strap **116** extends from the spacer **101** and is configured to be used as a grip of the club connector **100** for ease of use when decoupling the club connector **100** from at least one of the sport clubs **50**.
[0035] Additionally, the strap **116** may be used as an attachment interface to attach club maintenance equipment (e.g., towels, club brushes, etc.), and/or decorative attachments (advertisements, key chains, etc.). Other decorative accessories may extend from at least one of the distal ends **110** and **112** or the top and bottom of the spacer **101**. These decorative attachments may be used for personalization or customization of the system **1000**. For example, the decorative attachments **118** may include golf tees (FIG. **5**), ball markers, etc. The accessories coupled to the club connector **100** may be coupled with fasteners, adhesives, form fitting, and/or clamping, among others.
[0036] FIG. **6** shows a club connector **100** having a brush accessory **120** extending from distal end **112**. The brush accessory **120** is configured to clean debris and/or dirt from the surfaces of the sport club **50**. For example, the brush accessory **120** may be used to clean grooves disposed on the face **54** of the sport club **50**. The brush accessory **120** and other accessories or attachments as described above, may be embedded on the club connector **100**. For example, the orifice **106** may further define a groove **122** configured to receive at least a first end of the accessory or attachment. The attachment may be removably or fixedly secured to the spacer **101**. In embodiments where the attachment is removably secured to the spacer **101**, the attachment may be interchangeable among a plurality of decorative attachments and a plurality of utility attachments.
[0037] As discussed above, the club connector **100** may couple at least two sport clubs **50**. In example embodiments, the club connector **100** may couple a pair of golf club woods. The club connector **100** may couple to any surface of a golf club head having a ferromagnetic material such as iron and iron alloys used in golf clubs. The club connector **100** is also effective in coupling different surfaces of golf clubs when at least a portion of a surface of the spacer **101** is in contact with the surface of the golf club. In embodiments, the system **1000** is configured to organize and protect at least one of a golf club wedge, a golf club iron, a golf club hybrid, or a golf club wood. The system **1000** may be configured to organize and protect other sport clubs composed at least partially from a ferromagnetic material.
[0038] Referring to the example embodiment shown in FIG. **7**, at least one of the first portion **102** or the second portion **104** of the spacer **101** may include a second face surface **124** adjacent to the face surface **114**. The second surface **124** may be disposed at an angle from the face surface **114**. The second surface **124** may be disposed at an angle between zero degrees (0°) and sixty degrees (60°) from the face surface **114**. For example, the second surface **124** is disposed at an angle between fifteen degrees (15°) and forty-five degrees (45°) from the face surface **114**. The second face surface **124** defines a tapered end when the first portion **102** and the second portion **104** are coupled together. In other embodiments, the club connector **100** may define a tapered end in both the first distal end **110** and the second distal end **112**. The tapered end is configured to act as a lever and help a user disengage or decouple the club connector **100** from at least one of the sport clubs **50** by pressing the desired sports club **50**. Pressing down on the tapered end forces the magnetic core **108** away from the coupled sports club **50** surface for detachment, allowing for easier removal of the club connector **50**. In example embodiments, the second surface **124** may include an adhered, engraved, etched, and/or drawn decorative element.
[0039] While the subject matter has been illustrated and described in detail in the drawings and foregoing description, the same is to be considered as illustrative and not restrictive in character, it being understood that only example embodiments have been shown and described and that all changes and modifications that come within the spirit of the subject matters are desired to be protected. In reading the claims, it is intended that when words such as “a,” “an,” “at least one,” or

“at least one portion” are used, there is no intention to limit the claim to only one item unless specifically stated to the contrary in the claim. When the language “at least a portion” and/or “a portion” is used, the item can include a portion and/or the entire item unless specifically stated to the contrary. Unless specified or limited otherwise, the terms “mounted,” “connected,” and “coupled” and variations thereof are used broadly and encompass both direct and indirect mountings, connections, supports, and couplings. Further, “connected” and “coupled” are not restricted to physical or mechanical connections or couplings.

Claims

1. A golf club connector for removably coupling at least two golf clubs held in a golf bag adjacent to one another during storage and transportation, each of the at least two golf clubs including a club head coupled to a shaft, wherein the respective shafts of the at least two golf clubs are inserted within the golf bag so that the respective club heads of the at least two golf clubs extend from the golf bag, the golf club connector comprising: a spacer comprising a magnetic core at least substantially encased in a resilient housing having a first side and a second side, the spacer configured to be inserted between the club heads of the at least two golf clubs so that the first side abuts a face of a first of the club heads and the second side abuts a back of a second of the club heads, wherein the magnetic core is configured to secure the face to the first side and the back to the second side to prevent direct contact between the first club head and the second club head; and a grip coupled to the resilient housing, the pull configured to be grasped to remove the spacer from between the club heads by separating at least one of the first side from the face of the first club head or the second side from the back of the second club head.
2. The golf club connector of claim 1, wherein the resilient housing includes a first portion and a second portion, the first portion and the second portion defining a cavity configured to house the magnetic core.
3. The golf club connector of claim 2, wherein the first portion of the housing defines at least one indentation configured to engage with at least one protrusion defined in the second portion of the housing and secure the first portion and second portion from disengagement.
4. The system of claim 2, wherein the spacer further includes a first surface disposed on an opposite side from the cavity and a second surface adjacent to the first surface and proximal to the first end, the second surface disposed at an angle between zero degrees (0°) and sixty (60°) from the first surface, and wherein the second surface is configured to be used as a lever that separates the first golf club from the second golf club when the first golf club and the second golf club are pressed against the golf club connector.
5. The golf club connector of claim 1, wherein the spacer includes a groove extending from a first end to a second end, the groove configured to receive an angular surface of at least one of the first golf club or the second golf club.
6. The golf club connector of claim 1, wherein the spacer further includes a brush attachment disposed on a first end of the spacer, the brush attachment configured to clean debris from at least one golf club.
7. The golf club connector of claim 1, wherein the magnetic core comprises a first magnetic core portion, a second magnetic core portion, and a divider, the divider configured to separate the first magnetic core portion from the second magnetic core portion.
8. The golf club connector of claim 1, wherein the spacer housing is composed of at least one of the following: a rubber, a carbon fiber, an organic polymer, a synthetic polymer, a ceramic, a leather, or a fabric.
9. A system for protecting and organizing a set of golf clubs held in a golf bag during storage and transportation, wherein each golf club included in the set of golf clubs includes a club head coupled to a shaft, wherein the respective shafts of each of the golf clubs in the set of golf clubs is inserted

within the golf bag so that the respective club heads of the set of golf clubs extend from the golf bag, the system comprising: a first golf club connector including: a first spacer comprising a first resilient housing, the first resilient housing having a first side and a second side, the first spacer configured to be inserted between a first club head of a first golf club of the set of golf clubs, so that the first side abuts a face of the first club head and the second side abuts a back of a second club head of a second golf club, and a first magnetic core at least substantially encased in the resilient housing, the first magnetic core configured to secure the face of the first golf club to the first side and the back of the second golf club to the second side to prevent direct contact between the first golf club head and the second golf club head; a second golf club connector including: a second spacer comprising a second resilient housing, the second resilient housing having a third side and a fourth side, the second spacer configured to be inserted between the second club head of the second golf club and a third golf club head of a third golf club, so that the third side abuts a face of the second golf club head and the fourth side abuts a back of the third golf club head of the third golf club; and a second magnetic core at least substantially encased in the second resilient housing, the second magnetic core configured to secure the face of the second golf club to the third side and the back of the third golf club to the fourth side to prevent direct contact between the first golf club head, the second golf club head, and the third golf club head.

10. The system of claim 9, wherein the first resilient housing and the second resilient housing comprise a first portion and a second portion, the first portion and the second portion defining a cavity configured to house the first magnetic core and the second magnetic core, respectively.

11. The golf club connector of claim 10, wherein the first portion of at least one of the first resilient housing or the second resilient housing defines at least one indentation configured to engage with at least one protrusion defined in the second portion of the at least one of the first resilient housing or the second resilient housing and secure the first portion and the second portion from disengagement.

12. The system of claim 10, wherein at least one of the first spacer or the second spacer further includes a first surface disposed on an opposite side from the first cavity and a second surface adjacent to the first surface and proximal to the first end, the second surface disposed at an angle between zero degrees (0°) and sixty (60°) from the first surface.

13. The system of claim 9, wherein at least one of the first spacer or the second spacer defines a groove disposed at an outer surface of the resilient housing, the groove extending from the first end to the second end and configured to receive an angular surface of one of the first golf club or the second golf club.

14. The system of claim 9, wherein at least one of the first spacer or the second spacer further includes a brush attachment disposed on a first end of the at least one of the first spacer or the second spacer, the brush attachment configured to clean debris from at least one golf club of the golf club set.

15. The system of claim 9, wherein at least one of the first magnetic core or the second magnetic core comprises a first magnetic core portion, a second magnetic core portion, and a divider, the divider configured to separate the first magnetic core portion from the second magnetic core portion.

16. The system of claim 9, wherein the first resilient housing and the second resilient housing are composed of at least one of the following: a rubber, a carbon fiber, an organic polymer, a synthetic polymer, a ceramic, a leather, or a fabric.

17. A sport club connector for removably coupling at least two sport clubs held in a sporting bag adjacent to one another during storage and transportation, each of the at least two sport clubs including a head coupled to a shaft, wherein the respective shafts of the at least two sport clubs are inserted within the sporting bag so that the respective heads of the at least two sport clubs extend from the sporting bag, the sport club connector comprising: a spacer comprising a magnetic core at least substantially encased in a resilient housing having a first side and a second side, the spacer

configured to be inserted between the club heads of the at least two sport clubs so that the first side abuts a face of a first of the club heads and the second side abuts a back of a second of the club heads, wherein the magnetic core is configured to secure the face to the first side and the back to the second side to prevent direct contact between the first club head and the second club head; and a grip coupled to the resilient housing, the pull configured to be grasped to remove the spacer from between the club heads by separating at least one of the first side from the face of the first club head or the second side from the back of the second club head.

18. The sport club connector of claim 17, wherein the spacer further includes a first surface and a second surface disposed on an opposite side from a cavity configured to house the magnetic core, where the second surface is adjacent to the first surface and proximal to the first end, and the second surface disposed at an angle between zero degrees (0°) and sixty (60°) from the first surface, and wherein the second surface is configured to be used as a lever that separates the first sport club from the second sport club when the first sport club and the second sport club are pressed against the sport club connector.

19. The club connector of claim 17, wherein the spacer includes a groove extending from the first end to the second end, the groove configured to receive an angular surface of at least one of the first sport club or the second sport club.

20. The club connector of claim 17, wherein at least one of the first sport club or the second sport club comprise a golf club wedge, a golf club iron, a golf club hybrid, or a golf club wood.