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(54) **STRAP ARRANGEMENT FOR A PORTABLE COLLAPSABLE CHAIR**

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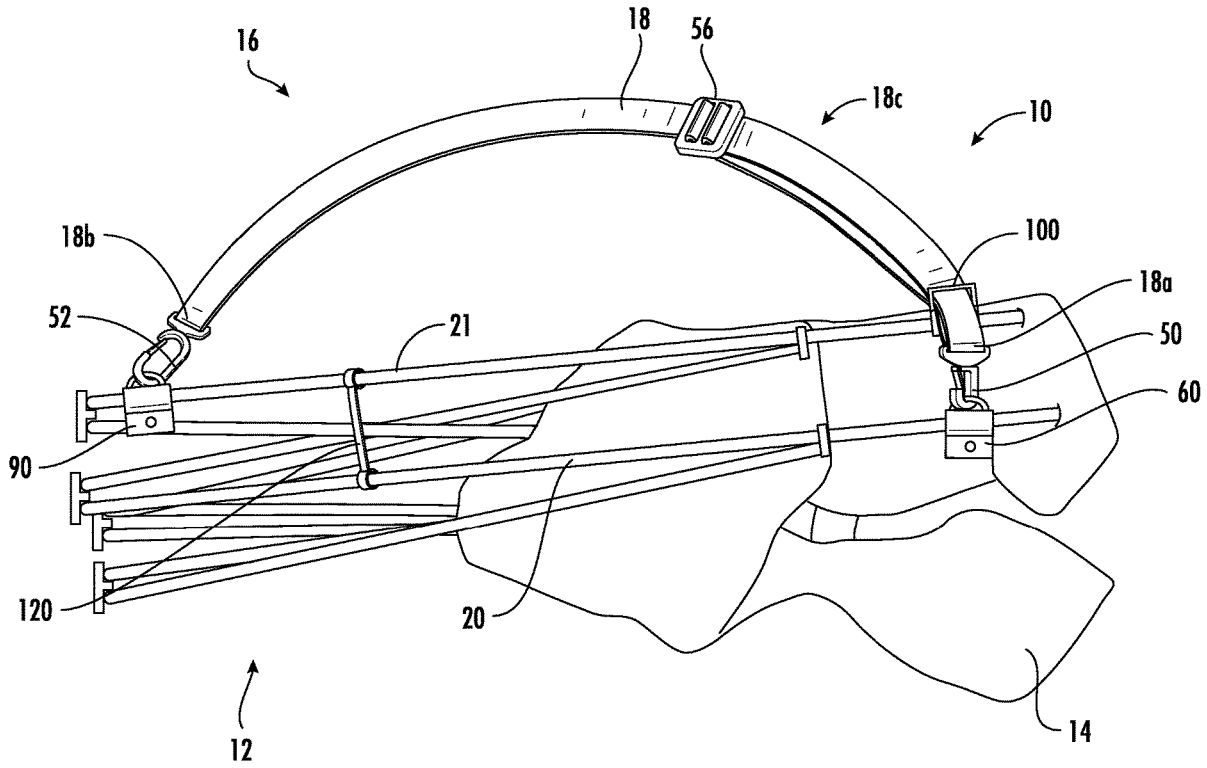
(57) **ABSTRACT**

A strap arrangement for a collapsible chair includes a first coupling arrangement configured to fixedly attach to a first rear upright of the collapsible chair, a second coupling arrangement configured to fixedly attach to a second rear upright of the collapsible chair, a third coupling arrangement configured to attach to the second rear upright, and a strap having a first end attached to the first coupling arrangement, a second end attached to the second coupling arrangement, and an intermediate portion that passes through and is slidable relative to the third coupling arrangement.



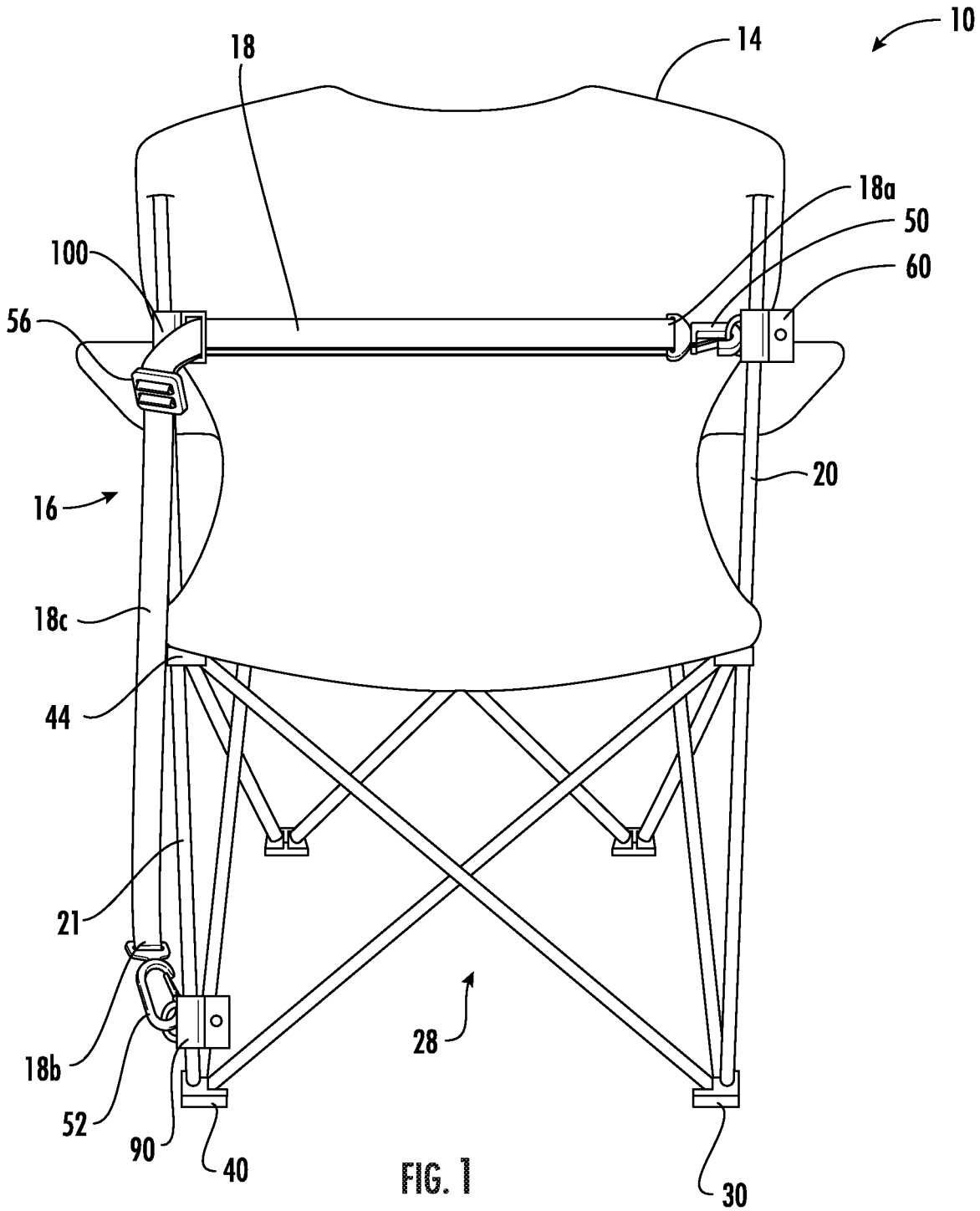


FIG. 1

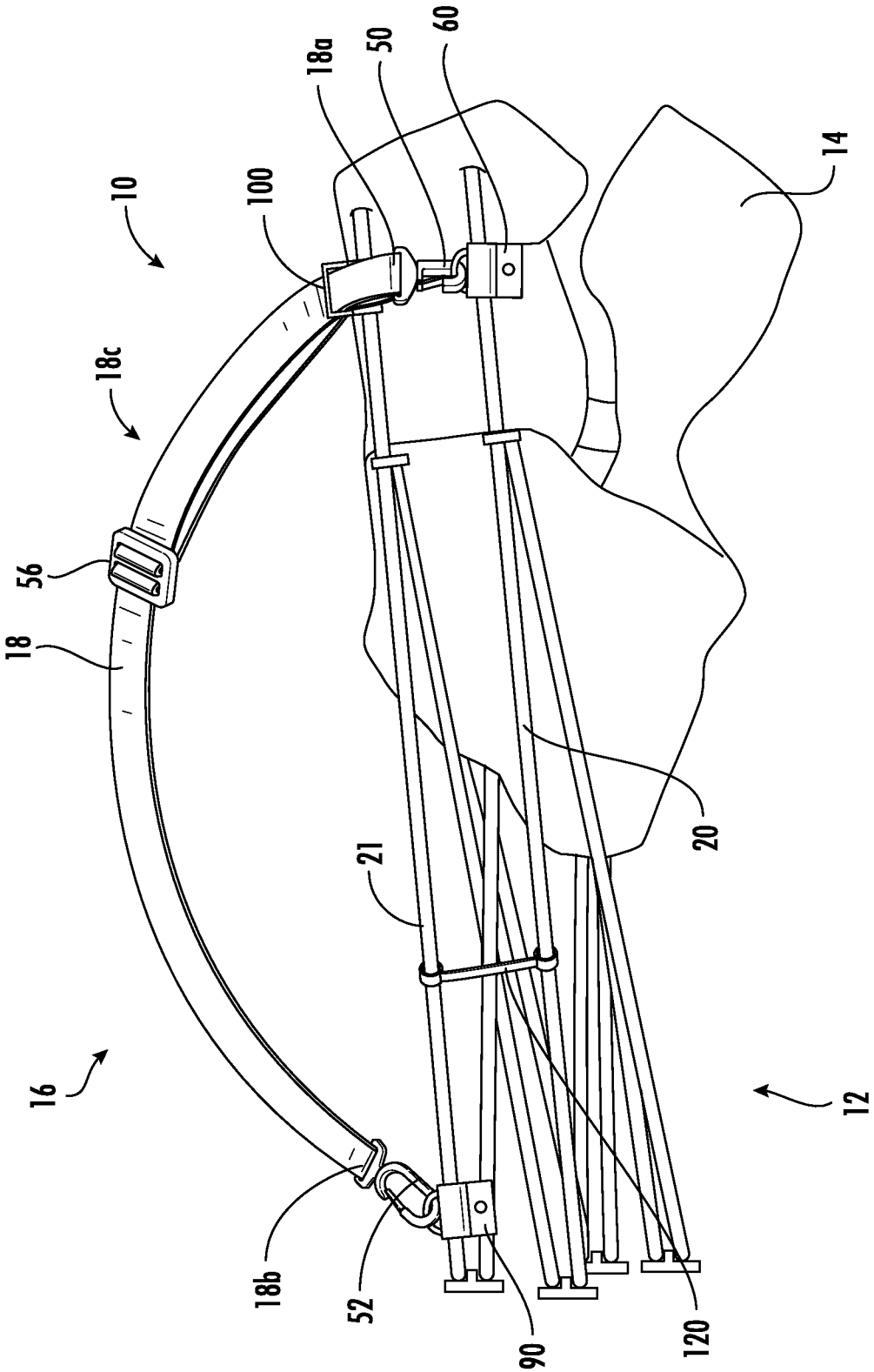


FIG. 2

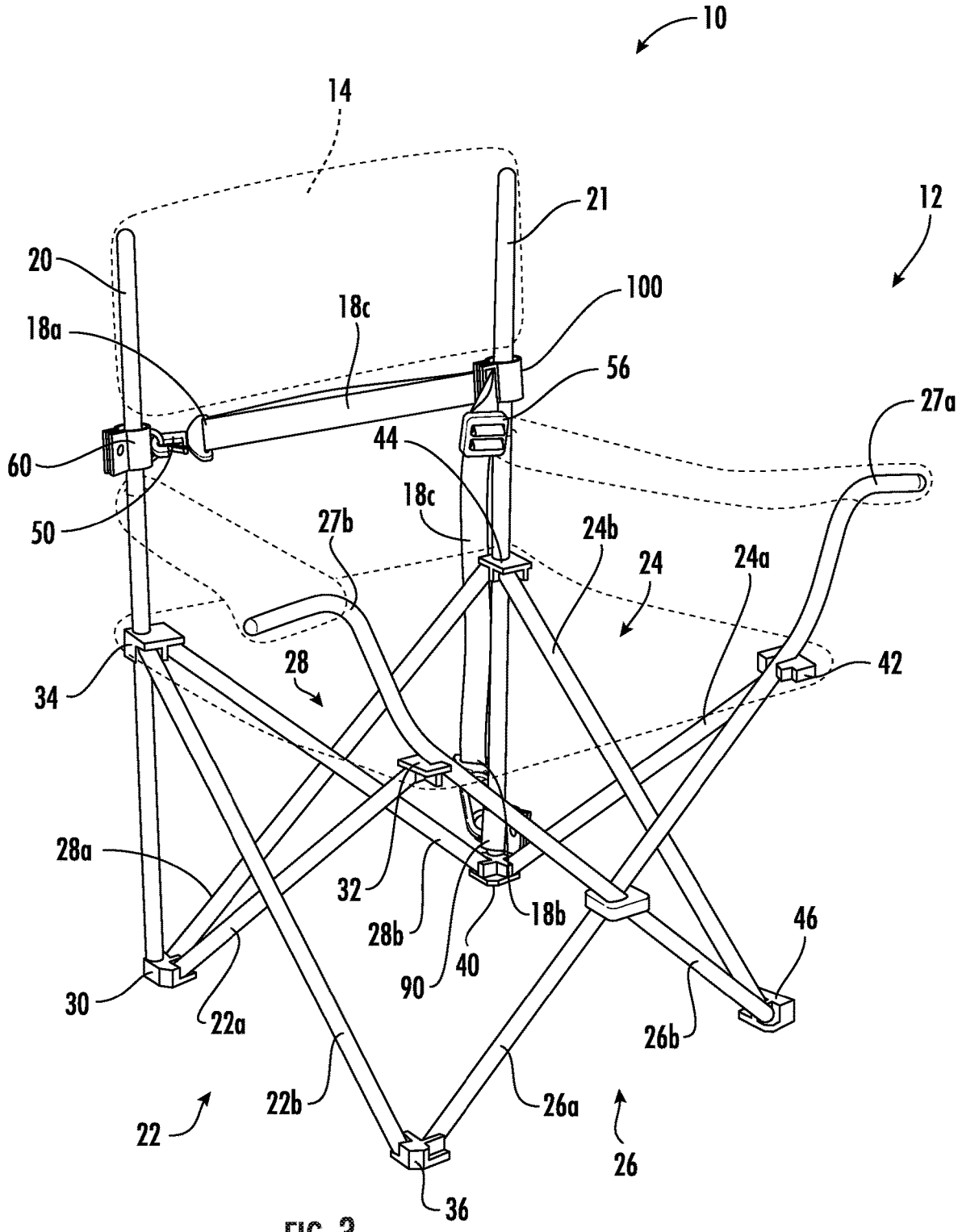

10
14
21
12
20
18a
18c
100
56
27a
60
44
50
18c
27b
24b
24
24a
42
34
28
28a
32
28b
90
40
18b
46
30
22a
26b
22
22b
26a
26
36

FIG. 3

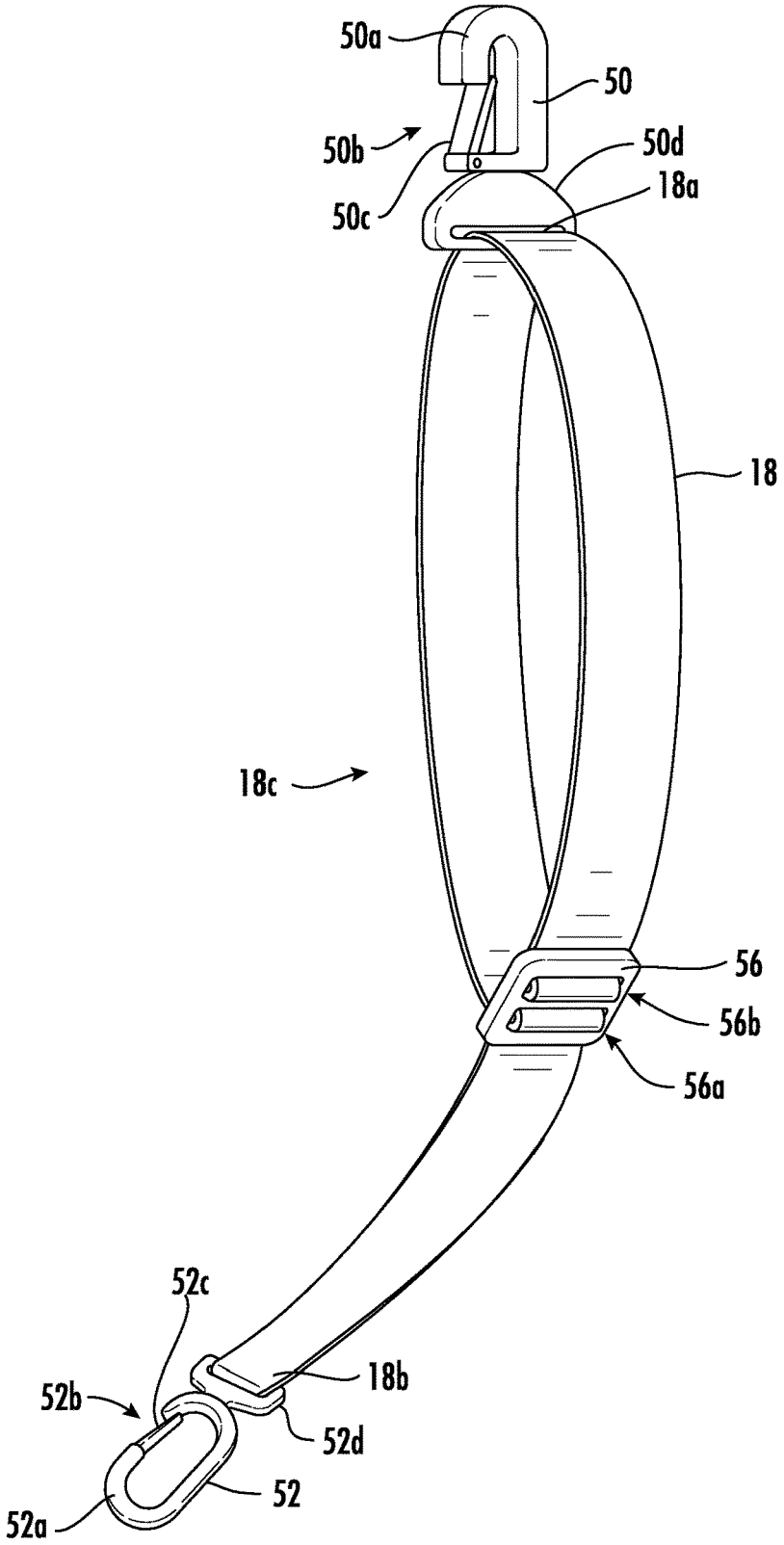


FIG. 4

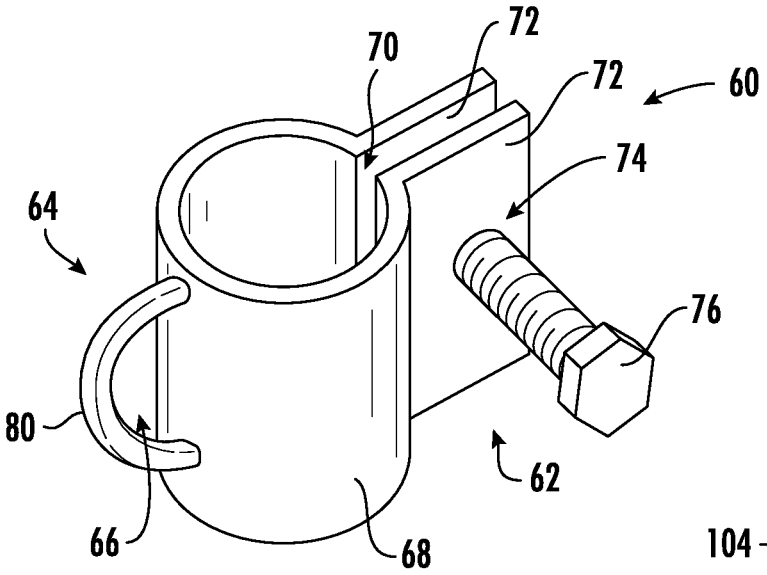


FIG. 5

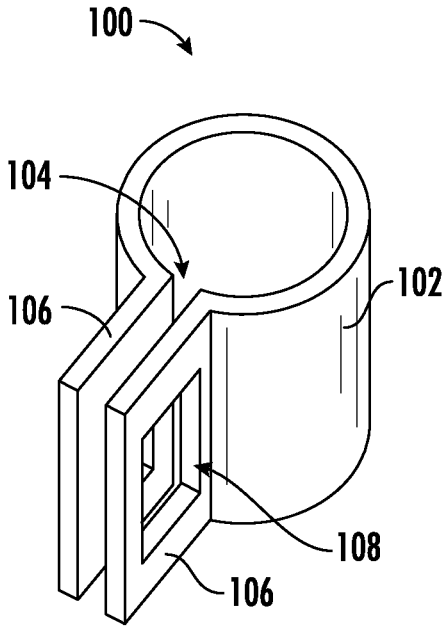


FIG. 6

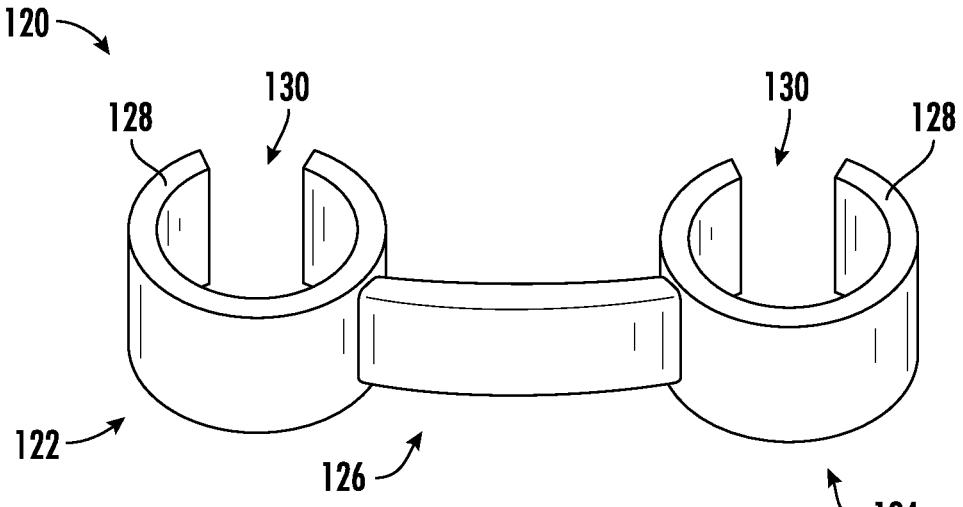


FIG. 7

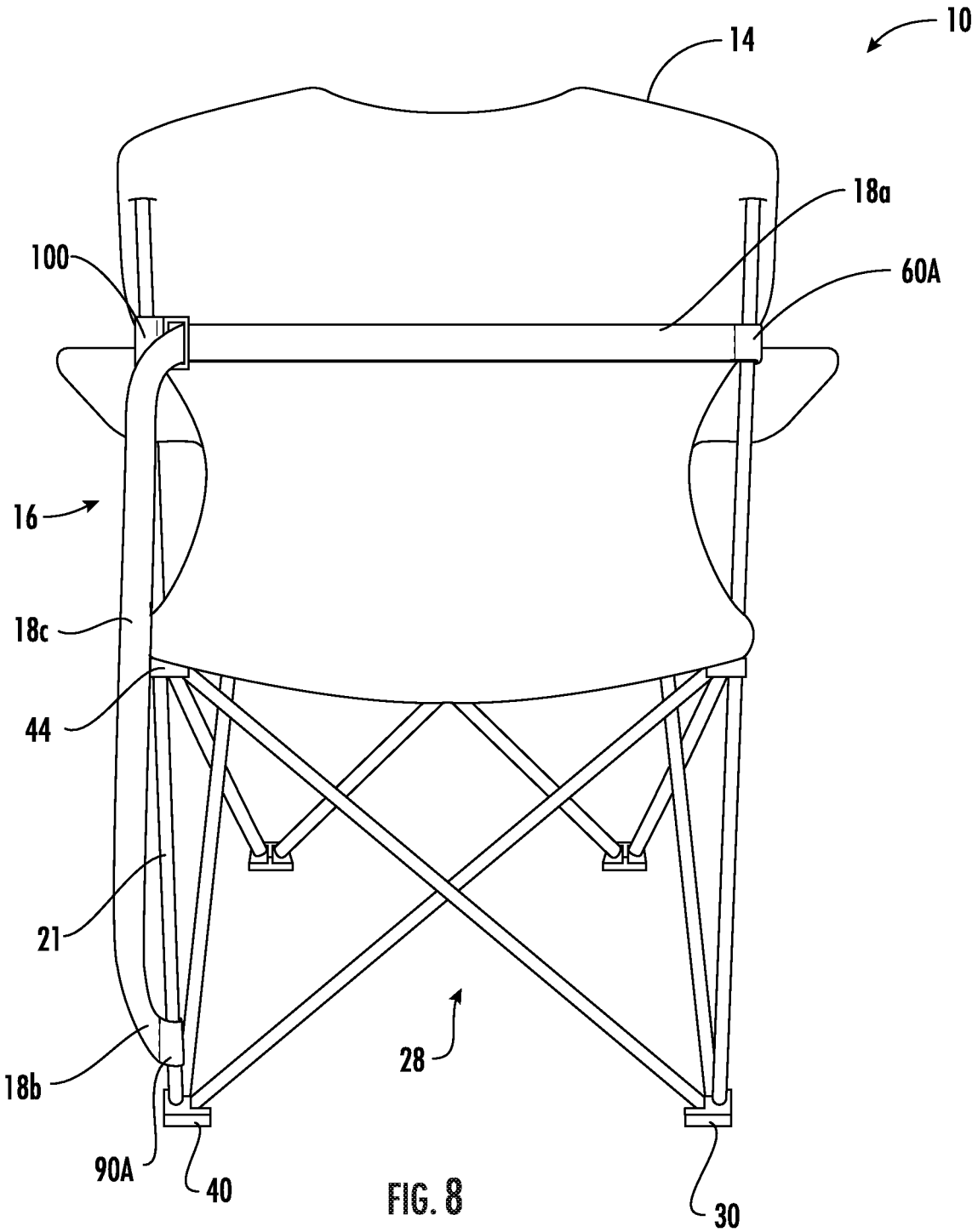


FIG. 8

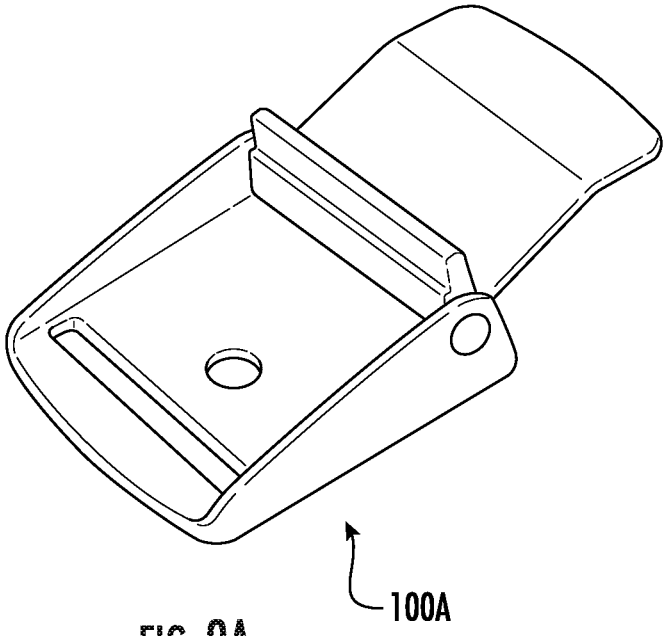


FIG. 9A

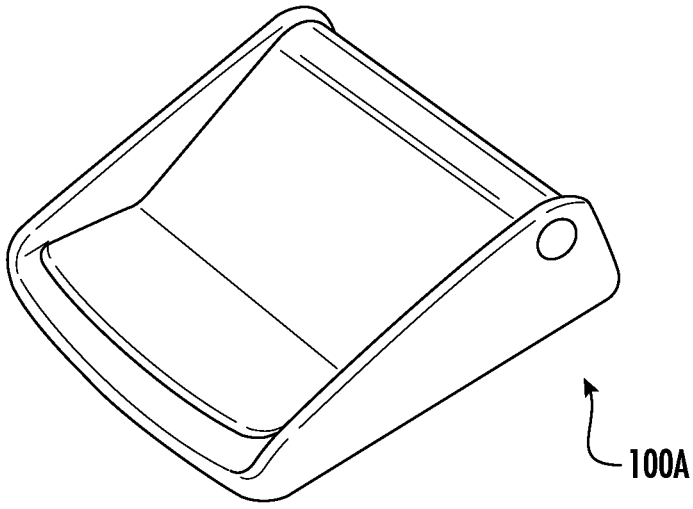


FIG. 9B

STRAP ARRANGEMENT FOR A PORTABLE COLLAPSABLE CHAIR

[0001] This application claims the benefit of U.S. Provisional Patent Application Ser. No. 62/956,851, filed Jan. 3, 2020, the contents of which are incorporated herein by reference in their entirety.

FIELD

[0002] The present invention relates generally to collapsible, portable chairs.

BACKGROUND

[0003] Collapsible portable chairs have enjoyed widespread popularity because of their combination of strength, lightweight design, and portable nature. One common design has a metal (e.g. aluminum) frame and a strong fabric seat, back and arm element that fits over the frame. The legs are formed by cross-linkages that collapse inward in width and depth to form a compact structure having a length comparable to the height of the chair, but with a substantially reduced width and height. Such a chair often is paired with an elongate, specially fitted cloth bag or sack into which the chair in the collapsed state can fit. The storage and transport bag often includes a shoulder strap.

[0004] Chairs of this type are well-known. Such chairs are often referred to as camping chairs, but enjoy use at any outdoor event that does not include sufficient available seating. Such outdoor events can include parades, outdoor community events, children's sporting events, and the like.

[0005] One drawback to the current design of such chairs is the inconvenience of having to fit the collapsed chair into the carrying bag. In general, the cushion portion collapses with the frame, but the bulkiness of the cushion can make placement into the carrying bag moderately inconvenient. This can be magnified if the user intends to move seating positions multiple times at a large venue for a single event (or multiple related events). For example, a user may wish to move to different locations of a little league baseball facility or soccer facility to watch multiple games.

[0006] There is a need, therefore, for a collapsible, transportable chair that avoids the inconveniences discussed above.

SUMMARY

[0007] The present invention addresses the above-stated needs, as well as others, by providing a collapsible foldable chair having a strap affixed to the frame of the chair that can adjust for carrying the chair when in the collapsed state.

[0008] In one embodiment, a strap arrangement for a collapsible chair includes a first coupling arrangement configured to fixedly attach to a first rear upright of the collapsible chair, a second coupling arrangement configured to fixedly attach to a second rear upright of the collapsible chair, a third coupling arrangement configured to attach to the second rear upright, and a strap having a first end attached to the first coupling arrangement, a second end attached to the second coupling arrangement, and an intermediate portion that passes through and is slidable relative to the third coupling arrangement.

[0009] In another embodiment, a collapsible chair includes a collapsible frame having a first rear upright and a second rear upright. The collapsible chair further includes a strap arrangement that comprises a first coupling arrangement fixedly attached to the first rear upright, a second coupling arrangement fixedly attached to the second rear upright, a third coupling arrangement attached to the second rear upright, and a strap having a first end attached to the first coupling arrangement, a second end attached to the second coupling arrangement, and an intermediate portion that passes through and is slidable relative to the third coupling arrangement.

[0010] The above-described features and advantages, as well as others, will become more readily apparent to those of ordinary skill in the art by reference to the following detailed description and accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

[0011] FIG. **1** is a rear view of a collapsible chair in the expanded state and which has a strap arrangement according to the disclosure.

[0012] FIG. **2** is a rear view of the collapsible chair of FIG. **1** in the collapsed state with the strap arrangement configured for carrying the chair.

[0013] FIG. **3** is a wireframe perspective view of the collapsible chair of FIG. **1** in the expanded state.

[0014] FIG. **4** is an illustration of a strap and associated connectors of the strap arrangement of FIG. **1** shown detached form the collapsible chair.

[0015] FIG. **5** is a perspective view of a coupling arrangement of the strap arrangement of FIG. **1**.

[0016] FIG. **6** is a perspective view of a coupling arrangement or loop structure of the strap arrangement of FIG. **1**.

[0017] FIG. **7** is a perspective view of a retaining device of the strap arrangement of FIG. **1**.

[0018] FIG. **8** is a rear view of a collapsible chair in the expanded that has another strap arrangement according to the disclosure.

[0019] FIG. **9**A is a perspective view of a locking loop mechanism for the strap arrangement of FIG. **1**, shown in the open position.

[0020] FIG. **9**B is a perspective view of the locking loop mechanism of FIG. **9**A shown in the closed position.

DETAILED DESCRIPTION

[0021] For the purposes of promoting an understanding of the principles of the embodiments described herein, reference is now made to the drawings and descriptions in the following written specification. No limitation to the scope of the subject matter is intended by the references. This disclosure also includes any alterations and modifications to the illustrated embodiments and includes further applications of the principles of the described embodiments as would normally occur to one skilled in the art to which this document pertains.

[0022] FIG. **1** shows a rear view of a collapsible, portable chair **10** according to one embodiment of the invention in the open or expanded position for use as a chair. FIG. **2** shows a side view of the chair **10** of FIG. **1** in the collapsed or closed position for transport. Referring to FIGS. **1** and **2**, the collapsible, portable chair **10** includes a tubular metal frame **12**, a cushion fabric element **14**, and a strap arrangement **16**. The chair **10** in the collapsed state may be placed into a suitable chair bag, not shown, but would be known to those of ordinary skill in the art for containing collapsed portable chairs.

[0023] FIG. **3** shows a perspective view of an embodiment of the tubular frame **12** and strap arrangement **16** with the cushion fabric element **14** shown in phantom for clarity. With reference to FIGS. **1**, **2** and **3**, the tubular frame **12** may have the general, known linkage structure of a plurality of linear structural tubes made, for example, of aluminum. In particular, the tubular frame **12** has two rear uprights **20**, **21** and four sets of x-shaped, two-part cross-linkages **22**, **24**, **26** and **28**. The cross-linkage **22** has two straight tubes **22***a*, **22***b* rotatably coupled to each other at their respective midpoints. The cross-linkage **24** similarly has two straight tubes **24***a*, **24***b* rotatably coupled to each other at their respective midpoints, the cross-linkage **26** has two straight tubes **26***a*, **26***b* rotatably coupled to each other at their respective midpoints, and the cross-linkage **28** has two straight tubes **28***a*, **28***b* rotatably coupled to each other at their respective midpoints. The tubes **26***a*, **26***b* further include arm extensions **27***a*, **27***b* that extend from the upper end of the respective tubes **26***a*, **26***b*.

[0024] The tube **22***a* is rotatably coupled at one end to a rear bottom anchor **30** and at the other end to the floating front anchor **32**. The tube **22***b* is rotatably coupled at one end to a rear sliding anchor **34** and at the other end to the front bottom anchor **36**. The tube **24***a* is rotatably coupled at one end to the other rear bottom anchor **40** and at the other end to the floating front anchor **42**. The tube **24***b* is rotatably coupled at one end to the other rear sliding anchor **44** and at the other end to the front bottom anchor **46**. The linkages **22** and **24** define the side structures to the frame **12**.

[0025] The tube **26***a* is rotatably coupled at one end to the front bottom anchor **36** and is operably coupled at the other end to the floating front anchor **42**. The tube **26***b* is rotatably coupled at one end to a front bottom anchor **46** and at the other end to the floating front anchor **32**. The tube **28***a* is rotatably coupled at one end to the rear bottom anchor **30** and at the other end to the sliding anchor **44**. The tube **28***b* is rotatably coupled at one end to the rear sliding anchor **34** and at the other end to the rear bottom anchor **40**. The linkages **26** and **28** thus define the front and rear structures to the frame **12**.

[0026] The rear sliding anchors **34**, **44** are operably coupled in sliding engagement with the rear uprights **20**, **21**. As shown in FIG. **2**, conversion from the expanded state (FIGS. **1** and **3**) to the collapsed state involves the bottom anchors **30**, **36**, **40**, **46** moving laterally toward each other, and the anchors **32**, **34**, **42**, **44** moving laterally toward each other. Such movement also causes the sliding anchors **34**, **44** to slide up the rear supports **20**, **21**. The rear supports **20**, **21** also move toward each other laterally.

[0027] The strap arrangement **16** includes a strap **18**, a first coupling arrangement **60**, a second coupling arrangement **90**, and a third coupling arrangement **100**. The strap **18**, illustrated in more detail in FIG. **4**, is formed of webbing similar to that material used on luggage, backpacks, and the like. For example, the strap may be formed of nylon, neoprene, canvas, or mesh. The strap **18** may include one or more pads formed of, for example, any desired open or closed cell foam, to enable the strap **18** to rest comfortably on a user's shoulder.

[0028] The strap **18** in this embodiment has a first end **18***a* coupled to a first connector **50**, a second end **18***b* coupled to a second connector **52**, and an intermediate portion **18***c* that extends in a flexible manner therebetween and that includes a strap adjuster **56**. The first and second connectors **50**, **52** may each include, for example, an open hook structure **50***a*, **52***a* defining an open end **50***b*, **52***b* that is closed by a pivotable clasp **50***c*, **52***c*. Each of the first and second connectors **50**, **52** may also include a respective closed loop **50***d*, **52***d* coupled to the respective hook structure **50***a*, **52***a*. The second end **18***b* of the strap **18** wraps through and around the closed loop **52***d*, and may suitably be doubled back and stitched to itself to form a looped connection to the closed loop **52***d*. The first end **18***a* of the strap **18** in this embodiment similarly wraps through and around the closed loop **50***d*, but is instead coupled to the strap adjuster **56** to form a looped connection to the closed loop **50***d*. The reader should appreciate, however, that other suitable connectors may be used in place of the hook and clasp structures.

[0029] In this embodiment, the strap adjuster **56** defines a first opening **56***a* and a second opening **56***b*, through which the strap **18** passes. More specifically, the strap **18** runs from the second connector **52**, through the first opening **56***a*, loops though the first connector **50**, and then passes through the second opening **56***b*, whereat the strap **18** terminates. The strap adjuster **56** can be manually moved toward the first connector **50** to decrease the portion of the strap that is folded over between the strap adjuster and the strap and increase the length of the portion of the strap that is not folded over, thereby increasing the effective length of the strap **18**. Conversely, the strap adjuster **56** can be manually moved away from the first connector **50**, thereby decreasing the length of the portion of the strap between the strap adjuster **56** and the second end **18***b* and increasing the length of the strap that is folded over between the strap adjuster **56** and the first end **18***a*, thus decreasing the effective length of the strap **18**.

[0030] The first end **18***a* is anchored to the fixed upright **20** with a first coupler or coupling arrangement **60** that is fixed vertically at a location that is approximately two-thirds the distance from the bottom of the rear upright **20** to the top of the rear upright **20**. The location of the first coupling arrangement **60** is chosen so as not to interfere with the sliding travel of the sliding anchor **34**, and so as not to interfere with features of the cushion/seat/back element **14** that couple (i.e. extend over) the rear upright **20**. The reader should appreciate that the location of the first coupling arrangement **60** may be different depending on the configuration of the chair **10**, in particular the cushion/seat/back element **14** and the sliding anchor **34**.

[0031] FIG. **5** illustrates one particular embodiment of the first coupling arrangement **60**. The first coupling arrangement **60** includes a clamp portion **62** and a loop portion **64** that defines a closed opening **66**. The clamp portion **62** is formed by a circular-cylindrical member **68** with an open side **70**, and two flanges **72** protruding from the ends of the circular-cylindrical member **68** at the open side **70**. The circular-cylindrical member **68** is sized so as to fit over the tubular rear upright **20**. Additionally, the circular-cylindrical member **68** is resiliently flexible such that the open side **70** can be expanded by moving the two flanges **72** away from one another such that the flanges **72** and the open side **70** fit over the rear upright **20**. Once the rear upright **20** is positioned in the circular-cylindrical member **68**, the circular-cylindrical member **68** is closed so as to clamp the circular-cylindrical member **68** to the rear upright **20**.

[0032] Each flange **72** includes an opening **74** (only one is visible in FIG. **5**) through which a clamping fastener **76** passes. One of the openings **74** may be a threaded opening,

and the clamping fastener **76** may be a threaded member, for example a bolt or screw, that is threaded into the threaded opening so as to clamp the two flanges **72** to one another to fasten the first coupling arrangement **60** to the rear upright **20**. In one particular embodiment, the clamping fastener **76** does not require use of tools to tighten, such as for example a thumb screw or hand wheel, so that the user can install the first coupling arrangement **60** without needing tools.

[0033] In another embodiment, the clamp portion **62** may include a different clamping mechanism that is capable of closing the open side **70** of the circular-cylindrical member **68** and tightening the circular-cylindrical member **68** around the rear upright **20**, for example a clasp, a hook and loop arrangement, a strap, or an adhesive. In yet another embodiment, the circular-cylindrical member **68** may be directly affixed to the rear upright **20** by, for example, a fastener that passes through a hole in the rear upright **20**.

[0034] The loop portion **64** of the first coupling arrangement **60** includes a loop **80** attached at both ends to the circular-cylindrical portion **68** so as to form the closed opening **66**. In particular, the ends of the loop **80** are vertically aligned with one another such that the loop **80** is defined in a vertical plane that passes through the longitudinal axis of the rear upright **20**. In the illustrated embodiment, the loop **80** is arcuate, though the reader should appreciate that any shape of loop may be used to define the closed opening **66**. In another embodiment, the loop **80** may be configured to selectively open and close via, for example, a clasp or latch, to enable attachment of the strap **18** via the connector **50**. In the embodiment of the strap **18** of FIG. **4**, the first connector **50** is coupled to the loop **80** via the hook **50***a* and clasp **50***c*.

[0035] It will be appreciated that the first coupling arrangement **60** may be configured differently than depicted in FIG. **5**, as the first end **18***a* of the strap **18** may be coupled to the rear upright **20** in any suitable manner. For example, in another embodiment, the first end **18***a* of the strap may be wrapped around and/or coupled to a ring or grommet that is, in turn coupled at a predetermined location on the rear upright **20**. The ring may be pivotally coupled to a pin or the like that extends through an opening in the rear upright, for example. Other methods of coupling the first end **18***a* of the strap **18** to the rear upright **20** may be employed. For example, as depicted in FIG. **8**, the first coupling arrangement **60**A may consist of a portion of the first end **18***a* of the strap **18** that is wrapped around the rear upright **20** and affixed to the strap **18** so as to form a closed loop around the rear upright **20**.

[0036] Referring back to FIGS. **1-3**, the second end **18***b* of the strap **18** is coupled to the bottom of the opposite rear upright **21** adjacent to the rear bottom anchor **40** via a second coupler or coupling arrangement **90**. In some embodiments, the second coupling arrangement **90**, **90**A is substantially identical to the first coupling arrangement **60**, **60**A. The reader should appreciate, however, that the second end **18***b* may be coupled to the rear upright **21** in a different manner than the first coupling arrangement **60**.

[0037] Additionally, with reference back to FIG. **4**, it will be appreciated that, in some embodiments, the strap **18** may be configured such that the first and second ends **18***a*, **18***b* are interchangeable. In other words, either the first end **18***a* or the second end **18***b* may be connected to the first coupling arrangement **60**, while the other end **18***b*, **18***a* is connected to the second coupling arrangement **90**. Alternatively, the strap **18** may be designed such that one end of the strap **18** is configured to attach only to the first coupling arrangement **60**, while the other end of the strap **18** is configured to attach only to the second coupling arrangement **90**.

[0038] The intermediate portion **18***c* of the strap **18** extends through a third coupling arrangement **100** that is operably coupled to the rear upright **21** at a vertical location that is above the vertical location at which the second end **18***b* is coupled to the rear upright **21**. In the illustrated embodiment, the third coupling arrangement **100** is configured as a loop structure that is coupled in a vertical location that is above the sliding range of motion of the sliding anchor **44**, and preferably at a comparable vertical level to that of the first coupling arrangement **60**.

[0039] One embodiment of the third coupling arrangement **100** is illustrated in greater detail in FIG. **6**. The third coupling arrangement **100** includes a circular-cylindrical member **102** defining an open side **104** and two flanges **106** projecting from end sides of the circular-cylindrical member **102** at the open side **104**. The circular-cylindrical member **102** has a diameter sufficient to receive the rear upright **21** therethrough, with sufficient spring bias to hold the member **102** in place on the rear upright **21**.

[0040] Each of the flanges **106** is formed as a loop structure defining a respective through opening **108** sized to enable the strap **18** to pass through the through opening **108**. In some embodiments, the through opening **108** may be sized such that the strap adjuster **56** cannot pass through the opening **108**.

[0041] The third coupling arrangement **100** may suitably be constructed as a single monolithic structure formed of a polymer (plastic) by, for example injection molding, such that the circular-cylindrical member **102** and the flanges **106** are integral with one another. In this embodiment, the circular-cylindrical member **102** is elastically resilient such that the two flanges **106** can be separated from one another to increase the size of open side **104** so that the third coupling arrangement **100** can be installed on the rear upright **21** with the circular-cylindrical member **102** substantially encompassing the circumference of the rear upright **21**.

[0042] In other embodiments, the third coupling arrangement **100** may be a polymer (plastic) or other rigid loop having a central opening that is either round, or roughly shaped in the same manner as the cross-section of the strap **18**. The third coupling arrangement may be attached to the rear upright **21** in a pivoting manner, or rigidly. The third coupling arrangement in some embodiments has a locking mechanism that allows the strap **18** to be locked into the positions shown in FIG. **2** (and FIG. **1** if desired). Various looped structures that include a tightening feature are well known.

[0043] FIGS. **9**A and **9**B show one example of such a locking loop mechanism **100**A that consists of a back plate and a rotating camming lock plate that allows the strap **18** to move in the open position, but creates a friction lock on the strap **18** when in the closed position. The locking loop mechanism **100**A is shown in FIG. **8**A in the open position, and in FIG. **8**B in the closed position. The locking mechanism **100**A helps maintain the chair **10** in the collapsed state during carrying. In particular, the strap **18** is locked in a position that helps hold the uprights **20**, **21** close to each other.

[0044] Referring again to the embodiment of FIG. **6**, the intermediate portion **18***c* of the strap **18** is fed through the third coupling arrangement **100** in such a way that the intermediate portion **18***c* may slide back and forth through the third coupling arrangement **100**. In some embodiments, the strap **18** is sized such that, when the chair **10** is in the expanded position as shown in FIGS. **1** and **3**, the strap **18** extends with a relatively small amount of slackness. In other words, when extended to its longest effective length, the strap **18** has a length that is roughly equal to the sum of the distance between the first coupling arrangement **60** and the third coupling arrangement **100**, and the distance between the third coupling arrangement **100** and the second coupling arrangement **90**.

[0045] When the chair **20** is collapsed from the expanded state to the collapsed state, the distance between the upright structures **20**, **21** is reduced, thereby creating slack in the intermediate portion **18***c* of the strap **18**. The user can pull the slack through the third coupling arrangement **100** such that substantially all of the slack is disposed between the third coupling arrangement **100** and the location at which the second end **18***b* is attached to the rear upright **21**. This slack forms the shoulder strap for carrying. FIG. **2** shows the strap **18** configured as a shoulder strap for carrying the chair **10** in the collapsed state. If there is too much slack in the strap for the user to comfortably carry the chair **10**, the user may adjust the effective length of the strap **18** using the strap adjuster **56**.

[0046] FIG. **7** illustrates a retaining device **120** for the chair **10** that may optionally be part of the strap arrangement **16** or used in conjunction with the strap arrangement **16**. The retaining device **120** is a double-sided snap clip that snaps onto adjacent tubes of the frame **12** when the frame **12** is collapsed as shown in FIG. **2**. In this embodiment, the retaining device **120** includes a first upright attachment portion **122**, a second upright attachment portion **124**, and a connecting portion **126**. The first and second upright attachment portions **122**, **124** are circular-shaped arc portions **128** having an open end **130**, and are elastically resilient such that the circular-shaped arc portions can be enlarged to pass over the respective upright **20**, **21**. The circular-shaped arc portions **128** are sized such that upon passing over the respective upright **20**, **21**, the circular arc-shaped portions **128** snap fit to the respective upright **20**, **21** to prevent the respective upright **20**, **21** from passing back through the open end **130** without applying force to the circular arc-shaped portions **128** to expand the circular arc-shaped portions **128** by, e.g., manually separating the circular arc-shaped portions **128** from the rear uprights **20**, **21**.

[0047] The connecting portion **126** is sized to be approximately the distance between the rear uprights **20**, **21**, when the chair is in the collapsed state. Thus, when the chair **10** is in the collapsed state, the user attaches the retaining device **120** to the rear uprights **20**, **21**. The retaining device **120** prevents the rear uprights **20**, **21** from separating from one another and causing the chair **10** to expand while the user is carrying the chair **10** by the strap **18**.

[0048] In one embodiment, the strap arrangement **16** is configured to assist the user in collapsing the chair. In such an embodiment, the strap **18** is arranged such that the second end **18***b* is connected to the first coupling arrangement **60**, and the first end **18***a* is connected to the second coupling arrangement **90**. The strap adjuster **56** may be arranged in the intermediate portion **18***c* of the strap **18** between the third coupling arrangement **100** and the second coupling arrangement **90** in such a way that the strap adjuster **56** cannot pass through the third coupling arrangement, or it may be fixedly attached to the third coupling arrangement **100**.

[0049] To collapse the chair **10**, the user pulls on the strap **18** in the region between the strap adjuster **56** and the first coupling arrangement **60**, thereby reducing the length of the portion of the strap between the strap adjuster **56** and the first coupling arrangement **60** and decreasing the effective length of the strap **18**. Since the strap adjuster **56** is restrained from moving toward the first coupling arrangement **60**, the reduction in the length of the portion of the strap **18** between the strap adjuster **56** and the first coupling arrangement **60** causes the strap **18** to pull the first coupling arrangement **60** towards the third coupling arrangement **100**. As a result, the rear uprights **20**, **21** are pulled towards one another, thereby collapsing the chair **10**.

[0050] Moreover, even though the overall effective length of the strap **18** decreases, since the amount of the strap **18** between the strap adjuster **56** and the second coupling arrangement **90** necessarily increases, the strap **18** provides slack between the second and third coupling arrangements **90**, **100** that enables the user to carry the chair **10**. Once the user has pulled the strap **18** such that the chair **10** is in the fully collapsed state, the user may attach the retaining device **120** to the rear uprights **20**, **21** to keep the chair **10** in the fully collapsed state.

[0051] The embodiment described herein thus provides a way to collapse a chair **10** and carry the chair **10** using a strap arrangement **16** without having to place the collapsed chair **10** into a separate bag. The strap arrangement **16** is lightweight, and does not interfere with the use of the chair **10** when in the expanded state. Moreover, the user may easily get up, collapse and move the chair **10** to another location, and set up the chair **10** at the new location. Additionally, the strap arrangement **16** may be simply and quickly retrofitted onto an existing collapsible chair **10**. The chair **10** may optionally be also used with the prior art storage bag, not shown, when put away during non-use.

[0052] It will be appreciated that the above-described embodiments are merely exemplary, and that those of ordinary skill in the arm may readily devise their own implementations and modifications that incorporate the principles of the present invention and fall within the spirit and scope thereof.

1. A strap arrangement for a collapsible chair, the strap arrangement comprising:

a first coupling arrangement configured to fixedly attach to a first rear upright of the collapsible chair;

a second coupling arrangement configured to fixedly attach to a second rear upright of the collapsible chair;

a third coupling arrangement configured to attach to the second rear upright; and

a strap having a first end attached to the first coupling arrangement, a second end attached to the second coupling arrangement, and an intermediate portion that passes through and is slidable relative to the third coupling arrangement.

2. The strap arrangement of claim **1**, wherein the third coupling arrangement is configured as a loop structure defining an opening through which the intermediate portion of the strap extends.

3. The strap arrangement of claim 2, wherein the third coupling arrangement includes a circular-cylindrical member configured to clamp to the second rear upright.

4. The strap arrangement of claim 3, wherein the strap includes a strap adjuster that adjusts an effective length of the strap.

5. The strap arrangement of claim 4, wherein the strap is configured such that reducing the effective length of the strap causes the first and second rear uprights to move closer to one another, thereby causing the collapsible chair to move from an expanded state to a collapsed state.

6. The strap arrangement of claim 5, wherein each of the first and second coupling arrangements includes a clamping portion configured to clamp to the respective one of the first and second rear uprights and an attachment portion configured to attach to the respective one of the first and second ends of the strap.

7. The strap arrangement of claim 6, wherein each of the clamping portions includes a circular-cylindrical member configured to clamp to the respective one of the first and second rear uprights.

8. The strap arrangement of claim 7, further comprising a retaining device having a first portion configured to attach to the first rear upright and a second portion configured to attach to the second rear upright, the retaining device configured to retain the collapsible chair in the collapsed state.

9. The strap arrangement of claim 1, further comprising a snap clip configured to snap connect to each of two tubes of a frame of the collapsible chair.

10. A collapsible chair comprising:

a collapsible frame having a first rear upright and a second rear upright; and

a strap arrangement comprising,

a first coupler fixedly attached to the first rear upright;

a second coupler fixedly attached to the second rear upright;

a third coupler attached to the second rear upright; and

a strap having a first end attached to the first coupling arrangement, a second end attached to the second coupling arrangement, and an intermediate portion that passes through and is slidable relative to the third coupling arrangement.

11. The collapsible chair of claim 10, wherein the third coupler includes an opening through which the intermediate portion of the strap extends.

12. The collapsible chair of claim 11, wherein the third coupler includes a circular-cylindrical member clamped to the second rear upright, and two flanges defining an opening through which the strap passes.

13. The collapsible chair of claim 12, wherein the strap includes a strap adjuster that adjusts an effective length of the strap.

14. The collapsible chair of claim 13, wherein the strap is configured such that reducing the effective length of the strap causes the first and second rear uprights to move closer to one another, thereby causing the collapsible chair to move from an expanded state to a collapsed state.

15. The collapsible chair of claim 14, wherein each of the first and second couplers includes a clamping portion clamped to the respective one of the first and second rear uprights and an attachment portion attached to the respective one of the first and second ends of the strap.

16. The collapsible chair of claim 15, wherein each of the clamping portions includes a circular-cylindrical member clamped to the respective one of the first and second rear uprights.

17. The collapsible chair of claim 16, further comprising a retaining device having a first portion configured to attach to the first rear upright and a second portion configured to attach to the second rear upright, the retaining device configured to retain the collapsible chair in the collapsed state.

18. The collapsible chair of claim 10, wherein the collapsible frame comprises a plurality of tubes, and further comprising a snap clip configured to snap connect to each of two tubes of the collapsible frame.

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