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(54) **DIAGONAL CARRIER FOR SPORTS BOARD**

(57) Provided is the diagonal sporting activity board carrier that is suitable for carrying, mainly snowboards and skateboards, and is good for other sporting activity boards would usually be too inconvenient to carry in the hand. The presented sporting activity board carrier is appropriate for users of all ages, sizes, fitness and experience level. When the snowboards or skateboards are not in use, they can be placed in the diagonal board carrier and carried across the back to free the hands to perform other tasks.

The diagonal board carrier comprises of an adjustable body strap connected to a lower securing Velcro strap from which a stretchable connecting strap with half of a buckle is attached forming the base of the carrier. The top piece of the adjustable body strap is attached to the upper securing Velcro strap with the stretchable connecting strap to which the other half of the buckle is attached. The sporting activity board can be firmly attached to carrier, buckled securely, and worn across the body.

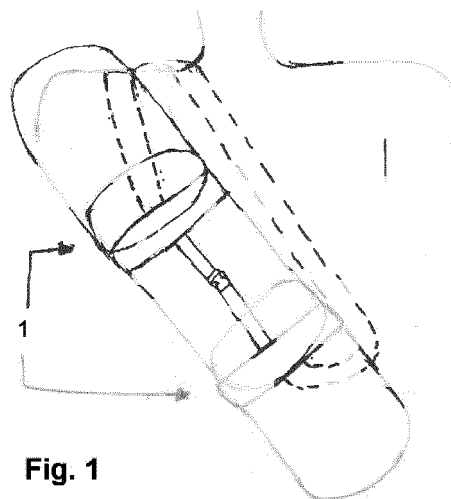


Fig. 1

Description

[0001] The present subject matter relates to the invention of a sporting activity board carrier that is wearable across the body.

[USE AND STORAGE OF THE SPORTING ACTIVITY BOARD CARRIER - DIAGONAL]

[0002] The diagonal board carrier is suitable for carrying sporting activity boards that would usually be too inconvenient to carry in the hand. The board carrier is suitable for users of all ages, sizes, and experience level.

[0003] The primary use of the board carrier is for carrying snowboards and skateboards. When the snowboards or skateboards are not in use, they can be placed in the diagonal carrier and carried across the body to free the hands.

[0004] Before entering the gondola, the snowboarders will easily remove the board from the board carrier, place the snowboard in the gondola rack or holder, and store the lightweight carrier in a pant or jacket pocket until needed. Likewise, when the skateboard is in use, the diagonal carrier can be stored in a pant or jacket pocket until needed.

[0005] Before entering a location where it is not permitted to ride skateboards, i.e. indoor shopping centers or grocery stores, the individual can quickly and easily secure the skateboard to the carrier and wear it across the body. In other cases when the skateboard is not in use, it can be stored in the carrier and hung on a hook or wall to keep off the floor and out of the way.

[BACKGROUND OF THE INVENTION]

[0006] The present subject matter relates to the invention of a sporting activity board carrier that is wearable across the body. The two primary user groups of the carrier are (1) skateboarders and (2) snowboarders.

(1) Skateboarding is a fun and fast way for people to go from one place to the next. It is also a fun sporting activity that is enjoyed at skating parks by millions people of all ages and genders.

(2) Snowboarding is a favorite recreational sporting activity for millions of people during the winter months. As its popularity and accessibility increases to a broader population, the need to accommodate a wider range of people with physical disabilities, limitations, and need for comfort is increasing.

[0007] With regards to the snowboards, there have been inventions to make the boots more comfortable when walking with more cushioning, by making the boards more lightweight and sturdy, etc. These improvements attempt to increase the speed and improve agility on the slopes, which for the most part they do, however,

they fall short of addressing a key issue, which is the bulkiness of the snowboards themselves. Snowboards are designed and intended to be used on the slopes, therefore, a practical solution for carrying the weighty and cumbersome snowboards around is needed. This invention provides such a solution.

[DRAWBACKS WITH CURRENT METHOD OF CARRYING SPORTING ACTIVITY BOARDS]

[0008]

(1) Skateboards are generally used in skating parks on the ground and on roads. Because of this, the boards and wheels can pick up dirt, mud, and debris from these surfaces as well as from the shoes of the individual.

Secondly, the length of skateboards causes them to generally not fit in average sized backpacks or bags. As a result, they are carried in the hand which leads to traces of dirt being transferred to the hand of the individual.

Lastly, because skateboards are used as a mode of transportation, individuals like the freedom of grabbing them and go. Skateboards are small and are not equipped with security lock and key, therefore they must accompany the owner and cannot be left outside of buildings.

(2) The current method for carrying snowboards has the following drawbacks. First of all, snowboards are long, heavy, and cumbersome to carry.

Secondly, it's difficult to multi-task when carrying the snowboards. When purchasing tickets for the ski lifts, public transport, getting snacks, and such the like, snowboarders must find a wall or stand or something to rest the boards against to free their hands.

Thirdly, because the snowboards are so wide, they cannot be carried on the shoulders as with skis. Walking from the slippery parking lot to the entry of the some ski resorts can range in distance from a few meters to a few hundred meters. The snowboarders would have carried the heavy board in the hand the entire duration. After a long day on the slopes, the snowboarders must once again carry the heavy boards in their hands. Individuals, who make use of available public transport when commuting to and from the ski resorts, face challenges of walking long distances with the snowboards in their hands. The same is true for individuals who enjoy a single day trip to the slopes and return home after a day of skiing.

Fourthly, children can find the task of carrying their own snowboard challenging because, they generally do not have the physical strength in the arms to carry the board for an extended period of time.

And finally, snowboards should not be placed on rough surfaces because the bottom of the board

could get scratched and damage the surface or edges that make contact with the snow. Any dents or deep scratches will negatively affect the performance of the board and could put the snowboarder in danger.

[SOLUTION]

[0009] It is the purpose of the invention to create a sporting activity board carrier to overcome and solve the above mentioned drawbacks. The final solution of the present invention takes these into account and provides individuals with an easy carrying method to free the hands.

[0010] The board carrier is lightweight and strong enough to carry one snowboard or skateboard. The diagonal board carrier is wearable across the body with straps attached to the top and bottom of the carrier, which holds the board suspended along the length of the back. This will ensure the boards do not interfere with the head range of motion and will not impede on the walking mobility of the individual.

[DESCRIPTION OF THE DRAWINGS]

[0011] A referenced drawing shows the invention of the diagonal of the sporting activity board, in which:-

Fig. 1 shows a view from the back of the sporting activity board carrier with a snowboard on the back of the individual,

Fig. 1 (1) Binding: Shows the position of the upper and lower securing Velcro strap in relation to the snowboard bindings or skateboard wheels while in sporting activity board carrier.

Fig. 2 shows the detailed components of the sporting activity board carrier,

Fig. 2 (2) Upper securing Velcro strap: Used below the board bindings or wheels for securing the skateboard or snowboard to the carrier.

Fig. 2 (3) Stretchable connecting strap: Straps are attached to the upper and lower securing Velcro straps with strap buckle on the ends.

Fig. 2 (4) Strap buckle: Used to securely connect the upper and lower securing Velcro straps and makes the carrier function as a single unit by keeping the board in place.

Fig. 2 (5) Lower securing Velcro strap: Used below the board bindings or wheels for securing the skateboard or snowboard to the carrier.

Fig. 2 (6) Drawstring: An option for securing the board. The drawstring can tightly hold the sport-

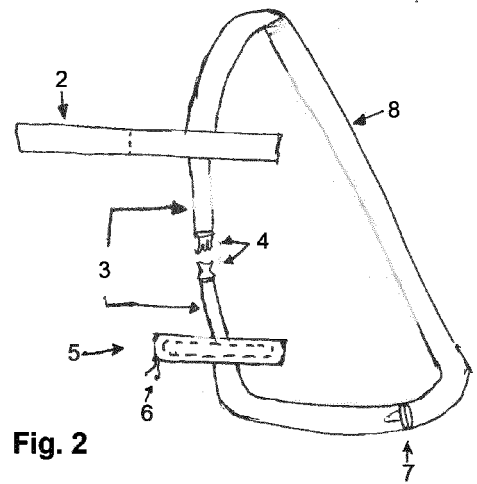
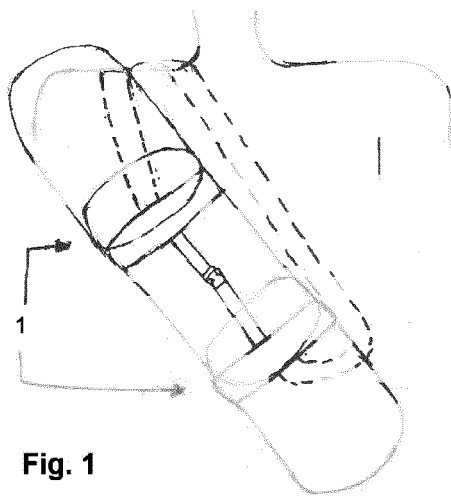
ing activity board in place so that they function as one unit in the carrier. The individual is able to tighten and loosen the drawstring as desired.

Fig. 2 (7) Adjusting strap buckle: For the chest strap to be able to fit various body types and sizes, the body strap is adjustable allowing the individual to adjust the length of the body strap to the desired comfort. Another feature the buckle is that it easily opens and closes, allowing the individual quickly attach and detach the carrier to and from the body.

Fig. 2 (8) Body strap: This strap rests comfortably diagonally across the body and connects at the back. The strap is sturdy enough to support the weight of one board.

Claims

1. A sporting activity board carrier comprising of an adjustable shoulder strap worn from the shoulder to the waist diagonally against the torso; with attached upper and lower securing straps.
2. A sporting activity board carrier according to Claim 1 where the upper and lower securing straps comprise of a clasping buckle that tightly holds the activity board in place so that they function as one unit.
3. A sporting activity board carrier according to Claim 1 wherein said adjustable shoulder strap comprises of a buckle that easily opens and closes.
4. A sporting activity carrier according to Claims 1 and 3 wherein said shoulder strap can be adjusted to torso measurements of the individual.
5. A sporting activity board carrier defined in Claim 4 wherein the adjustable shoulder strap buckle is used to quickly attach and detach the carrier to and from the body.
6. A sporting activity board carrier defined in Claims 1 to 5 wherein the individual carries the activity board across the back without using the hands.
7. A sporting activity board carrier according to Claim 6 wherein the carrier is suitable to carry one activity board.





EUROPEAN SEARCH REPORT

Application Number

EP 22 19 4995

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2011/057004 A1 (ANDERSON RON [US]) 10 March 2011 (2011-03-10) * paragraphs [0021] - [0028]; figures 1-3 * -----	1-7	INV. A63C17/00 A63C11/02
X	US 5 746 361 A (JOHNSON RANDALL LEROY [US]) 5 May 1998 (1998-05-05) * column 3, line 63 - column 7, line 25; figures 1-4 *	1,3-7	
X	US 6 371 346 B1 (SHARMA SANJIV RANJAN [US]) 16 April 2002 (2002-04-16) * column 10, line 35 - column 20, line 4; figures 1-9 *	1-7	

TECHNICAL FIELDS SEARCHED (IPC)

A63C

The present search report has been drawn up for all claims

1

Place of search

Munich

Date of completion of the search

28 February 2023

Examiner

Murer, Michael

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.

EP 22 19 4995

5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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28-02-2023

10	Patent document cited in search report	Publication date	Patent family member(s)	Publication date
	US 2011057004 A1	10-03-2011	NONE	
15	US 5746361 A	05-05-1998	NONE	
	US 6371346 B1	16-04-2002	NONE	
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