A protective bag having inner pad for surfboard is disclosed. The protective bag comprises a middle bag formed by corresponding fold of a fabric material for protection of the middle section of the surfing board; two end bags having a triangular shape for the protection of the two ends of the surfing board, wherein the middle bag and the end bags are provided with an inner pad with buffering device formed from air sacs; and a bag body with a detachable strap which can enclose the entire surfing board for carrying.
PROTECTIVE BAG HAVING INNER PAD FOR SURFBOARD

BACKGROUND OF THE INVENTION

(a) Technical Field of the Invention

The present invention relates to protective bag, and in particular, a protective bag mounted with an inner pad, allowing rapid packing and unloading of a surfing board, which facilitates carrying and shipping.

(b) Description of the Prior Art

Wave surfers normally carry their surfing board by way of driving long-distance coaches, train, aeroplane and vessels. However, there is a distance by which the surfing board has to be carried on the shoulder of the surfer before the surfer arrives at the beaches. During the transportation or shipping of the surfing board, the board surface may be damaged due to impact, scratching or deforming. The available bag for surfing board in the market is generally made by fabric, having the shape of the surfing board with a strap to be carried on the shoulder of the surfer. However, the single layer or double layer of the fabrics will not provide protection to the surfing board in the course of shipping. Accordingly, it is an object of the present invention to provide a protective bag having inner pad for surfboard which mitigates the drawback of the conventional bag for carrying the surfing board.

SUMMARY OF THE INVENTION

The primary purpose of the present invention is to provide a protective bag having an inner pad for surfboard comprising a middle bag formed by corresponding fold of a fabric material for protection of the middle section of the surfing board; two end bags having a triangular shape for the protection of the two ends of the surfing board, wherein the middle bag and the end bags are provided with an inner pad with buffering device formed from air sacs; and a bag body with a detachable strap which can enclose the entire surfing board for carrying.

Yet still another object of the present invention to provide a protective bag having inner pad for surfboard, wherein the buffering device includes a plurality of matrix arranged buffering protrusions or buffering stripes, and the protrusions and the stripes are formed from two layered non-porous films as one unit which is air sac bubble cavity.

A further object of the present invention is to provide a protective bag having inner pad for surfboard, wherein the buffering device includes an upper cover layer, and the lower cover layer being made from thin film or thin plate, and a plurality of isolation plates, and the isolation plate is positioned between the upper cover layer and the lower cover layer and the isolation plate is air sac cavity and is hollow polygonal beehive.

Yet still another object of the present invention is to provide a protective bag having inner pad for surfboard, wherein the inner pad and the outer bag body are mounted by VELCRO® faster and are formed integrally with the middle bag or the end bag.

The foregoing object and summary provide only a brief introduction to the present invention. To fully appreciate these and other objects of the present invention as well as the invention itself, all of which will become apparent to those skilled in the art, the following detailed description of the invention and the claims should be read in conjunction with the accompanying drawings. Throughout the specification and drawings identical reference numerals refer to identical or similar parts.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a perspective view of the protective bag of the present invention.

FIG. 2 is an exploded perspective view of the protective bag of the present invention.

FIG. 3 is a sectional view along A-A of FIG. 1.

FIG. 4 is a sectional view along B-B of FIG. 1.

FIG. 5 is a perspective view showing a section of the protective bag in accordance with the present invention.

FIG. 6 is a sectional view along line 2-2 of FIG. 3.

FIG. 7 is a sectional view along line 3-3 of FIG. 2.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

The following descriptions are of exemplary embodiments only, and are not intended to limit the scope, applicability or configuration of the invention in any way. Rather, the following description provides a convenient illustration for implementing exemplary embodiments of the invention. Various changes to the described embodiments may be made in the function and arrangement of the elements described without departing from the scope of the invention as set forth in the appended claims.

Referring to FIG. 1 and FIG. 2, there is shown a protective bag A for surfboard, which includes three pieces bag bodies, such as soft film water resistant material or woven forming into a middle bag 10 and two pieces end bag 20; a middle section for protection of the surfboard B, which is folded across to form a middle bag 10, two pieces of end bags 20 which is triangular for protecting the two ends of the surfboard, and a strap 30 which is detachable, and the entire protective bag can cover the surfboard and carry the bag on shoulder, or place in a luggage. The parts 10, 20 and the inner pad 11, 21 being the buffering device can protect the surfboard, as shown in FIG. 2. The surface of the buffering device is provided with a plurality of protrusions 111 or stripe-like bubble cavity, and the protective bag can thus protect the surfboard B.

The middle bag 10 is substantially rectangular shape and the inner side of the two sides is a side edge which can cover the end bag 20 and the mounted outer layered adhesive button 101, and the inner section is provided with an inner layer adhesive button 102. The upper side edge of the middle bag is provided with button 103 so that they can
be fastened to form a middle bag which facilitates for opening the bag. The two ends at the upper side edge are provided with a button ring 104. The inner layer of the middle bag 10 is mounted with a middle inner pad 11 by means of the inner layer adhesive button 102, and the area of the middle inner pad 11 is smaller than the area of the middle bag, and the middle inner pad surface has a buffering device. The buffering device is formed from a plurality of buffering protrusions 211 or buffering stripes, and the buffering protrusion 211 has two layers of non-permeable films formed as one unit which alike air-sac bubble cavity. At the back of the inner pad 21, corresponding to the inner layered adhesive button 202, a corresponding securing adhesive button 212 is positioned.

[0021] As shown in FIG. 3, the end bag 20 is a bag having an opening. In order to hold the two ends of the surfboard B, the external edge of the opening is fastened by means of the external layered adhesive button 201 and the external adhesive button 101 at the two lateral sides of the middle bag 10. The buffering protrusions 211 touch the surfboard softly and any external impact to the bag body will be dispersed off and the surfboard is thus protected.

[0022] As shown in FIG. 4, the middle bag 10 the surfboard by folding correspondingly and the two copper edges are fastened by a pair of button 103. Thus, when an external force is applied onto the surfboard, the middle inner pad 11 will disperse the impact and therefore the surfboard is protected.

[0023] The upper edge of the middle bag 10 has a fastening ring 104 which can be fastened with the actuating ring 101 on the strap 30, allowing the surfboard to be carried comfortably (as shown in FIG. 2).

[0024] As shown in FIG. 5, the middle inner pad surface has a buffering device which is formed from an upper covering layer 10 and a lower covering layer 120, and a plurality of isolation plates are formed between the two layers, which form into air sac like bubble cavity. As shown in FIG. 6 and FIG. 7, the shape of the air sac is hexagonal (beehive shape) 131. The bubble cavity is flexible and protect the surfboard, and the bubble cavity is formed into bag A.

[0025] Bag A can cover the surfboard B and the surfboard B can be easily withdrawn from bag body A.

[0026] In accordance with present invention, the bag body is made from non-porous, waterproof material, and the bag can be used to hold surfboard and skinboard, windsurfing board, kiteboard, bodyboard, wakeboard, snowboard, etc.

[0027] It will be understood that each of the elements described above, or two or more together may also find a useful application in other types of methods differing from the type described above.

[0028] While certain novel features of this invention have been shown and described and are pointed out in the annexed claim, it is not intended to be limited to the details above, since it will be understood that various omissions, modifications, substitutions and changes in the forms and details of the device illustrated and in its operation can be made by those skilled in the art without departing in any way from the spirit of the present invention.

I claim:

1. A protective bag having an inner pad for surfing board comprising

   a middle bag formed by corresponding fold of a fabric material for protection of the middle section of the surfing board;

   two end bags having a triangular shape for the protection of the two ends of the surfing board, wherein the middle bag and the end bags are provided with an inner pad with buffering device formed from air sacs; and

   a bag body with a detachable strap which can enclose the entire surfing board for carrying.

2. The protective bag of claim 1, wherein the inner layer is formed as a unit by two pieces of non-porous rubber film material.

3. The protective bag of claim 1, wherein the buffering device includes a plurality of matrix arranged buffering protrusions or buffering stripes, and the protrusions and the stripes are formed from two layered non-porous films as one unit which is air sac bubble cavity.

4. The protective bag of claim 1, wherein the buffering device includes an upper covering layer, and the lower covering layer being made from thin film or thin plate, and a plurality of isolation plates, and the isolation plate is positioned between the upper covering layer and the lower covering layer and the isolation plate is air sac cavity and is hollow polygonal beehive.

5. The protective bag of claim 1, wherein the inner pad and the outer bag body are mounted by VELCRO faster and are formed integrally with the middle bag or the end bag.

6. The protective bag of claim 1, wherein the upper edge of the middle bag is provided with a fastening ring which is fastened with the actuating ring of the strap.

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