PORTABLE MULTIFUNCTION SEAT CUSHION

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ABSTRACT

A portable multifunction seat cushion has a body, a fixing unit, a carrying unit and a storage unit. The body has a middle, an inner surface, an outer surface, two opposite sidewalls and two folding lines. The folding lines are formed on the middle of the body at an interval and are parallel with each other and the opposite sidewalls of the body. The fixing unit is mounted on the opposite sidewalls of the body to fasten the body when the body is folded. The carrying unit is attached to the body to provide a carrying function. The storage unit is attached on the outer surface of the body to provide a storage function.
PORTABLE MULTIFUNCTION SEAT CUSHION

BACKGROUND OF THE INVENTION

[0001] 1. Field of the Invention

[0002] The present invention relates to a seat cushion, and more particularly to a portable multifunction seat cushion that can be carried conveniently.

[0003] 2. Description of Related Art

[0004] A conventional chair is made of wood, plastic or metal material with high strength and hard texture to increase a supporting strength of the conventional chair. Furthermore, the conventional chair has a seat cushion that is made of sponge and cloth with soft texture mounted on a sitting part of the conventional chair to increase the softness and comfort of the sitting part of the conventional chair.

[0005] Although the conventional chair has the seat cushion mounted on the sitting part of the conventional chair, the seat cushion is securely sewed around or attached to the sitting part of the conventional chair. Then, the seat cushion cannot be separated from the sitting part of the conventional chair for cleaning or replacement according to the user's need. In addition, if the seat cushion of the conventional chair cannot provide a comforting effect to the user, the user may easily sit with poor posture and feel stiff and sore after remaining sedentary for a long time.

[0006] Currently, a conventional detachable seat cushion has been provided on the market, and the user can choose a detachable seat cushion according to personal preferences, and then place the chosen detachable seat cushion on the sitting part of the conventional chair easily. However, the conventional detachable seat cushion has a large volume and cannot be folded to carry conveniently. Therefore, the conventional detachable seat cushion is most securely attached on a chair or is mounted on a fixed place and cannot be carried out for use such as hiking, picnicking or sporting. In addition, because the conventional detachable cushion is inconvenient to carry, so even if the ground is uneven, wet or dirty, it cannot be used to isolate the wet or dirt of the ground or to buffer the unevenness of the ground. Furthermore, the conventional detachable seat cushion can only provide a sitting effect to the user without any other functions.

[0007] To overcome the shortcomings, the present invention tends to provide a portable multifunction seat cushion to mitigate the aforementioned problems.

SUMMARY OF THE INVENTION

[0008] The main objective of the present invention is to provide a portable multifunction seat cushion that can be carried conveniently.

[0009] The portable multifunction seat cushion in accordance with the present invention has a body, a fixing unit, a carrying unit and a storage unit. The body has a middle, an inner surface, an outer surface, two opposite sidewalls and two folding lines. The folding lines are formed on the middle of the body at an interval and are parallel with each other and the opposite sidewalls of the body. The fixing unit is mounted on the opposite sidewalls of the body to fasten the body when the body is folded. The carrying unit is attached to the body to provide a carrying function. The storage unit is attached on the outer surface of the body to provide a storage function.

[0010] Other objectives, advantages and novel features of the invention will become more apparent from the following detailed description when taken in conjunction with the accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

[0011] FIG. 1 is a perspective view of a first embodiment of a portable multifunction seat cushion in accordance with the present invention, shown in a folded condition;

[0012] FIG. 2 is a perspective view of the portable multifunction seat cushion in FIG. 1, shown in an unfolded condition;

[0013] FIG. 3 is an operational top view of the portable multifunction seat cushion in FIG. 1;

[0014] FIG. 4 is an operational side view of the portable multifunction seat cushion in FIG. 1, shown for use as a seat cushion;

[0015] FIG. 5 is an operational side view of the portable multifunction seat cushion in FIG. 1, shown for use as a lumbar cushion;

[0016] FIG. 6 is an operational side view of the portable multifunction seat cushion in FIG. 1, shown for use as a sleep pillow;

[0017] FIG. 7 is a perspective view of a second embodiment of a portable multifunction seat cushion in accordance with the present invention, shown in an unfolded condition; and

[0018] FIG. 8 is an operational perspective view of a third embodiment of a portable multifunction seat cushion in accordance with the present invention, shown in a folded condition.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

[0019] With reference to FIGS. 1 and 2, a first embodiment of a portable multifunction seat cushion in accordance with the present invention comprises a body 10, a fixing unit 20, a carrying unit 30 and at least one storage unit 40.

[0020] The body 10 may be rectangular and has an inside segment, an outside segment, a middle, an inner surface, an outer surface, two opposite sidewalls, two folding lines 11 and two connecting lines 12. The inside segment of the body 10 may be a soft cushion that is made of foam material or latex with a thickness. The outside segment of the body 10 is made of a cloth material with a comfortable touch and is mounted around the inside segment of the body 10. The inner surface of the body 10 is smooth. The opposite sidewalls of the body 10 are formed with the inner surface and the outer surface of the body 10 and are parallel with each other.

[0021] The folding lines 11 are formed on the middle of the body 10 at an interval by a sewing means or a pressing means, are parallel with each other and the opposite sidewalls of the body 10, and each one of the folding lines 11 has a first end and a second end. The inner surface of the body 10 are divided into two half segments beside the folding lines 11. Furthermore, the outer surface of the body 10 are also divided into two half segments beside the folding lines 11.

[0022] The connecting lines 12 are formed on the middle of the body 10 at an interval by a sewing means or a pressing means, are perpendicular to the folding lines 11 adjacent to the first ends and the second ends of the folding lines 11. That is, one of the connecting lines 12 is formed on the middle of the body 10 adjacent to the first ends of the folding lines 11.
and the other connecting line 11 is formed on the middle of the body 10 adjacent to the second ends of the folding lines 11.

[0023] The fixing unit 20 is mounted on the body 10, may be a single component such as a tying string, an annular elastic drawstring, a drawstring with Velcro on the ends of the drawstring, or may be a combination of multiple separating elements such as a group of male and female buckles, a group of male and female Velcro, multiple strips or a hook-with-hole type, etc. Preferably, the fixing unit 20 has two fastening groups 21 mounted on the opposite sidewalls of the body 10 beside the folding lines 11.

[0024] Each one of the fastening groups 21 has a first belt 210 and a second belt 212. The first belt 210 is connected to one of the opposite sidewalls of the body 10 and has an attaching end, a fixing end and a male buckle 211. The attaching end of the first belt 210 is connected to a corresponding opposite sidewall of the body 10. The fixing end of the first belt 210 extends out of the corresponding opposite sidewall of the body 10. The male buckle 211 is mounted on the fixing end of the first belt 210. The second belt 212 is connected to the other opposite sidewall of the body 10 and has an attaching end, a fixing end and a female buckle 213. The attaching end of the second belt 212 is connected to a corresponding opposite sidewall of the body 10. The fixing end of the second belt 212 extends out of the corresponding opposite sidewall of the body 10. The female buckle 213 is mounted on the fixing end of the second belt 212 and is selectively fastened with the male buckle 211 of the first belt 210 when the body 10 is folded to enable the folding lines 11 to overlap each other.

[0025] The carrying unit 30 is attached to the body 10 and may have two handle straps 31. The handle straps 31 are respectively attached on the opposite sidewalls of the body 10 between the fastening groups 21, and each one of the handle straps 31 has two ends. That is, the ends of one of the handle straps 31 are attached on one of the opposite sidewalls of the body 10 between the first belts 210 of the fastening groups 21, and the ends of the other handle strap 31 are attached on the other opposite sidewall of the body 10 between the second belts 212 of the fastening groups 21.

[0026] The at least one storage unit 40 is attached on the body 10, may be a net bag, a storage bag, a drawstring bag or an outer sandwich layer with zipper. Preferably, in the first embodiment of the present invention, the portable multifunction seat cushion has two storage units 40 attached on the outer surface of the body 10 between the folding lines 11 and the opposite sidewalls of the body 10, and each one of the storage units 40 is a net bag with a mouth.

[0027] In use, with reference to FIGS. 1 and 4, to use the portable multifunction seat cushion of the present invention, a user can expand the body 10 to enable the outer surface of the body 10 to be mounted on a chair or on the ground. The body is soft and flexible and can provide a comforting effect to the user sitting on the chair and also can prevent the cloth from getting dirty and buffer the unevenness of the ground.

[0028] After using the portable multifunction seat cushion of the present invention, with reference to FIGS. 2 and 3, the user can fold the body 10 to enable the folding lines 11 to overlap each other. Then, the half segments of the inner surface of the body 10 abut each other. The male buckle 211 of the first belt 210 of each one of the fastening groups 21 is fastened with the female buckle 213 of the second belt 212 of the corresponding fastening group 21 to fix the body 10 in a folded condition to reduce the volume of the body 10, and this is convenient in use. In addition, the storage unit 40 that is attached on the outer surface of the body 10 can be used to store towels 50, water bottles 60, phones, coins or keys and so on. Sun-shading items such as hats 70 can be inserted into and clamped between the half segments of the inner surface of the body 10. Then, the user can carry the portable multifunction seat cushion by holding the carrying unit 30 when hiking, picnicking or sporting easily and conveniently.

[0029] Additionally, with reference to FIGS. 2, 5 and 6, the portable multifunction seat cushion of the present invention not only can be used as a seat cushion, but also can be used as a lumbar cushion or a sleep pillow. In use, the body 10 is folded to enable the half segments of the outer surface abut each other and is fastened by the fixing unit 20. Then, the user’s waist can abut on the inner surface of the body 10 when sitting on a chair with a back support and the user’s head also can abut on the inner surface of the body 10 when lying.

[0030] With reference to FIG. 7, a second embodiment of a portable multifunction seat cushion in accordance with the present invention is substantially the same as the first embodiment except the following features. The carrying unit 30 has a shoulder strap 32 attached to the body 10. The shoulder strap 32 has two ends, one of the ends of the shoulder strap 32 is attached to one of the opposite sidewalls of the body 10 and the other end of the shoulder strap 32 is attached to the middle of the body between the folding lines 11. Then, the user can carry the portable multifunction seat cushion on the user’s shoulder conveniently without using hands.

[0031] With reference to FIG. 8, a third embodiment of a portable multifunction seat cushion in accordance with the present invention is substantially the same as the first embodiment and the second embodiment except the following features. The carrying unit 30 has two handle straps 31 respectively attached on the opposite sidewalls of the body 10 and a shoulder strap 32 attached to one of the opposite sidewalls of the body 10 and the middle of the body 10 between the folding lines 11 at the same time. Then, the user can carry the portable multifunction seat cushion by holding the handle straps 31 or by carrying the shoulder strap 32 on the shoulder conveniently.

[0032] According to the above-mentioned features and structural relationships, the portable multifunction seat cushion of the present invention can provide multiple functions of seating support, carrying, and storage.

[0033] Even though numerous characteristics and advantages of the present invention have been set forth in the foregoing description, together with details of the structure and features of the invention, the disclosure is illustrative only. Changes may be made in the details, especially in matters of shape, size, and arrangement of parts within the principles of the invention to the full extent indicated by the broad general meaning of the terms in which the appended claims are expressed.

What is claimed is:

1. A portable multifunction seat cushion having:
   a body having
   a middle;
   an inner surface;
   an outer surface;
   two opposite sidewalls formed with the inner surface and the outer surface of the body and being parallel with each other; and
two folding lines formed on the middle of the body at an interval and being parallel with each other and the opposite sidewalls of the body;
a fixing unit mounted on the opposite sidewalls of the body to fasten the body when the body is folded;
a carrying unit attached to the body to provide a carrying function; and
a storage unit attached on the outer surface of the body to provide a storage function.

2. The portable multifunction seat cushion as claimed in claim 1, wherein each one of the folding lines has a first end and a second end; and the body has two connecting lines formed on the middle of the body at an interval, being perpendicular to the folding lines, and one of the connecting lines is formed on the middle of the body adjacent to the first ends of the folding lines, and the other connecting line is formed on the middle of the body adjacent to the second ends of the folding lines.

3. The portable multifunction seat cushion as claimed in claim 1, wherein the fixing unit has at least one fastening group mounted on the opposite sidewalls of the body beside the folding lines; and each one of the at least one fastening group has a first belt connected to one of the opposite sidewalls of the body and having
an attaching end connected to a corresponding opposite sidewall of the body;
a fixing end extending out of the corresponding opposite sidewall of the body; and
a male buckle mounted on the fixing end of the first belt; and
a second belt connected to the other opposite sidewall of the body and having
an attaching end connected to a corresponding opposite sidewall of the body;
a fixing end extending out of the corresponding opposite sidewall of the body; and
a female buckle mounted on the fixing end of the second belt and selectively fastened with the male buckle of the first belt when the body is folded to enable the folding lines to overlap each other.

4. The portable multifunction seat cushion as claimed in claim 2, wherein the fixing unit has at least one fastening group mounted on the opposite sidewalls of the body beside the folding lines; and each one of the at least one fastening group has a first belt connected to one of the opposite sidewalls of the body and having an attaching end connected to a corresponding opposite sidewall of the body;
a fixing end extending out of the corresponding opposite sidewall of the body; and
a male buckle mounted on the fixing end of the first belt; and
a second belt connected to the other opposite sidewall of the body and having
an attaching end connected to a corresponding opposite sidewall of the body;
a fixing end extending out of the corresponding opposite sidewall of the body; and
a female buckle mounted on the fixing end of the second belt and selectively fastened with the male buckle of the first belt when the body is folded to enable the folding lines to overlap each other.

5. The portable multifunction seat cushion as claimed in claim 3, wherein the storage unit has at least one net bag attached on the outer surface of the body.

6. The portable multifunction seat cushion as claimed in claim 4, wherein the storage unit has at least one net bag attached on the outer surface of the body.

7. The portable multifunction seat cushion as claimed in claim 5, wherein the carrying unit has at least one handle strap attached on one of the opposite sidewalls of the body.

8. The portable multifunction seat cushion as claimed in claim 6, wherein the carrying unit has at least one handle strap attached on one of the opposite sidewalls of the body.

9. The portable multifunction seat cushion as claimed in claim 5, wherein the carrying unit has at least one shoulder strap attached on the body.

10. The portable multifunction seat cushion as claimed in claim 6, wherein the carrying unit has at least one shoulder strap attached on the body.

11. The portable multifunction seat cushion as claimed in claim 1, wherein the storage unit has at least one net bag attached on the outer surface of the body.

12. The portable multifunction seat cushion as claimed in claim 2, wherein the storage unit has at least one net bag attached on the outer surface of the body.

13. The portable multifunction seat cushion as claimed in claim 1, wherein the carrying unit has at least one handle strap attached on one of the opposite sidewalls of the body.

14. The portable multifunction seat cushion as claimed in claim 2, wherein the carrying unit has at least one handle strap attached on one of the opposite sidewalls of the body.

15. The portable multifunction seat cushion as claimed in claim 1, wherein the carrying unit has at least one shoulder strap attached on the body.

16. The portable multifunction seat cushion as claimed in claim 2, wherein the carrying unit has at least one shoulder strap attached on the body.

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