A portable table for a notebook includes a foldable stand, a main board mounted on the foldable stand for receiving a notebook computer, and a cover plate pivotally mounted on the main board to cover the notebook computer. Thus, the portable table when being extended is used for supporting the notebook computer, and the portable table when being folded is used for carrying the notebook computer, thereby facilitating the user carrying and operating the notebook computer.
PORTABLE TABLE FOR NOTEBOOK COMPUTER

BACKGROUND OF THE INVENTION

[0001] 1. Field of the Invention

[0002] The present invention relates to a portable table for a notebook computer, and more particularly to a portable table that can be used for supporting and carrying the notebook computer, thereby facilitating the user carrying and operating the notebook computer outdoors.

[0003] 2. Description of the Related Art

[0004] A conventional notebook computer is light and portable to facilitate a user carrying and operating the notebook computer. However, when the notebook computer is used at an outdoor place without providing a table or any support object, the user has to place the notebook computer on his legs for use, thereby greatly causing inconvenience to the user when operating the notebook computer outdoors.

SUMMARY OF THE INVENTION

[0005] The primary objective of the present invention is to provide a portable table for a notebook computer, wherein the portable table when being extended outward can be used for supporting the notebook computer, and the portable table when being folded can be used for carrying the notebook computer, thereby facilitating the user carrying and operating the notebook computer.

[0006] Another objective of the present invention is to provide a portable table for a notebook computer, wherein the foldable stand is fully expanded to support the main board, and the cover plate is pivoted outward relative to the main board to expose the notebook computer, so that a user seated on a chair can use the notebook computer supported on the main board easily and conveniently.

[0007] A further objective of the present invention is to provide a portable table for a notebook computer, wherein the hand grip of the cover plate facilitates the user carrying the portable table.

[0008] A further objective of the present invention is to provide a portable table for a notebook computer, wherein the shoulder belts of the main board facilitate the user carrying and operating the notebook computer.

[0009] In accordance with the present invention, there is provided a portable table for a notebook computer, comprising:

[0010] a foldable stand; and

[0011] a main board mounted on the foldable stand and having a first face formed with a rectangular receiving recess for receiving a notebook computer and a semi-circular receiving slot located beside the receiving recess for receiving the foldable stand when the foldable stand is collapsed.

[0012] Further benefits and advantages of the present invention will become apparent after a careful reading of the detailed description with appropriate reference to the accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

[0013] FIG. 1 is a perspective view of a portable table for a notebook computer in accordance with the preferred embodiment of the present invention;

[0014] FIG. 2 is an exploded perspective view of the portable table as shown in FIG. 1;

[0015] FIG. 3 is a bottom plan view of the portable table as shown in FIG. 1;

[0016] FIG. 4 is a top plan view of the portable table as shown in FIG. 1;

[0017] FIG. 5 is a schematic plan view showing usage of the portable table as shown in FIG. 1;

[0018] FIG. 6 is a schematic plan view showing usage of the portable table as shown in FIG. 1;

[0019] FIG. 7 is a schematic plan view showing usage of the portable table as shown in FIG. 1;

[0020] FIG. 8 is a perspective view of a folded portable table for a notebook computer in accordance with another embodiment of the present invention;

[0021] FIG. 9 is a perspective view of the portable table for a notebook computer in accordance with another embodiment of the present invention;

[0022] FIG. 10 is a side plan cross-sectional view of the portable table as shown in FIG. 9;

[0023] FIG. 11 is a schematic plan view showing usage of the portable table as shown in FIG. 1;

[0024] FIG. 12 is a schematic plan view showing usage of the portable table as shown in FIG. 9; and

[0025] FIG. 13 is a schematic plan view showing usage of the portable table as shown in FIG. 9.

DETAILED DESCRIPTION OF THE INVENTION

[0026] Referring to the drawings and initially to FIGS. 1-8, a portable table for a notebook computer in accordance with the preferred embodiment of the present invention comprises a main board 1, a cover plate 2 pivotally mounted on the main board 1, and a foldable stand “c” mounted on the main board 1.

[0027] The main board 1 has a first face formed with a rectangular receiving recess 11 for receiving a notebook computer “b”. The receiving recess 11 of the main board 1 has a periphery formed with four opposite through holes 111 for passage of two spaced flexible binding straps “a” (see FIGS. 3 and 8) so as to fix the notebook computer “b” in the receiving recess 11 of the main board 1 as shown in FIG. 8. The first face of the main board 1 is formed with a semi-circular receiving slot 12 located beside the receiving recess 11 for receiving the foldable stand “c” when the foldable stand “c” is collapsed. The first face of the main board 1 has a periphery formed with a plurality of storage recesses 13. The main board 1 has a second face having a periphery formed with four opposite through holes 15 for passage of two spaced parallel arranged flexible shoulder belts “d” (see FIGS. 3 and 11) to facilitate the user carrying the portable table as shown in FIGS. 12 and 13.

[0028] The cover plate 2 has a first end pivotally mounted on the main board 1 and a second end provided with a hand grip 23. The cover plate 2 has an inner face formed with a rectangular receiving recess 21 aligning with the receiving recess 11 of the main board 1 for receiving the notebook
computer “b” and a semi-circular receiving slot 22 aligning with the receiving slot 12 of the main board 1 for receiving the foldable stand “c” when the foldable stand “c” is collapsed.

[0029] The foldable stand “c” is mounted on the second face of the main board 1. The second face of the main board 1 is formed with a screw bore 14, and the foldable stand “c” has a top formed with a threaded rod “c1” screwed into the screw bore 14 of the main board 1, thereby fixing the main board 1 on the foldable stand “c”.

[0030] As shown in FIGS. 4 and 8, the notebook computer “b” is fixed in the receiving recess 11 of the main board 1 by the binding straps “a”, and the collapsed foldable stand “c” is received in the receiving slot 12 of the main board 1. Then, the cover plate 2 is pivoted to cover the main board 1, so that the cover plate 2 is combined with the main board 1. At this time, the notebook computer “b” is received in the receiving recess 21 of the cover plate 2, and the collapsed foldable stand “c” is received in the receiving slot 22 of the cover plate 2.

[0031] As shown in FIG. 5, the hand grip 23 of the cover plate 2 facilitates the user carrying the portable table.

[0032] As shown in FIG. 6, the shoulder belts “d” of the main board 1 facilitate the user carrying the portable table.

[0033] As shown in FIG. 7, the foldable stand “c” is fully expanded outward to support the main board 1, and the cover plate 2 is pivoted outward relative to the main board 1 to expose the notebook computer “b”, so that a user seated on a chair “e” can use the notebook computer “b” supported on the main board 1.

[0034] As shown in FIG. 8, the main board 1 is used individually and can be placed into a bag “i”, thereby facilitating the user carrying the portable table.

[0035] As shown in FIGS. 9 and 10, the main board 1 is used individually, and the foldable stand “c” is fully expanded to support the main board 1.

[0036] As shown in FIGS. 11-13, the shoulder belts “d” of the main board 1 facilitate the user carrying the portable table and operating the notebook computer “b”.

[0037] Although the invention has been explained in relation to its preferred embodiment(s) as mentioned above, it is to be understood that many other possible modifications and variations can be made without departing from the scope of the present invention. It is, therefore, contemplated that the appended claim or claims will cover such modifications and variations that fall within the true scope of the invention. What is claimed is:

1. A portable table for a notebook computer, comprising:
   a foldable stand; and
   a main board mounted on the foldable stand and having a first face formed with a rectangular receiving recess for receiving a notebook computer and a semi-circular receiving slot located beside the receiving recess for receiving the foldable stand when the foldable stand is collapsed.

2. The portable table for a notebook computer in accordance with claim 1, wherein the receiving recess of the main board has a periphery formed with four opposite through holes for passage of two spaced flexible binding straps so as to fix the notebook computer in the receiving recess of the main board.

3. The portable table for a notebook computer in accordance with claim 1, wherein the first face of the main board has a periphery formed with a plurality of storage recesses.

4. The portable table for a notebook computer in accordance with claim 1, wherein the main board has a second face having a periphery formed with four opposite through bores for passage of two parallel arranged flexible shoulder belts.

5. The portable table for a notebook computer in accordance with claim 1, wherein the foldable stand is mounted on a second face of the main board.

6. The portable table for a notebook computer in accordance with claim 1, wherein the main board has a second face formed with a screw bore, and the foldable stand has a top formed with a threaded rod screwed into the screw bore of the main board, thereby fixing the main board on the foldable stand.

7. The portable table for a notebook computer in accordance with claim 1, further comprising a cover plate pivotally mounted on the main board and having an inner face formed with a rectangular receiving recess aligning with the receiving recess of the main board for receiving the notebook computer and a semi-circular receiving slot aligning with the receiving slot of the main board for receiving the foldable stand when the foldable stand is collapsed.

8. The portable table for a notebook computer in accordance with claim 7, wherein the cover plate has a first end pivotally mounted on the main board and a second end provided with a hand grip.

* * * * *