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(54) HOST UNIT CASE WITH FOLDABLE UPPER AND LOWER COVERS FOR A COMPUTER

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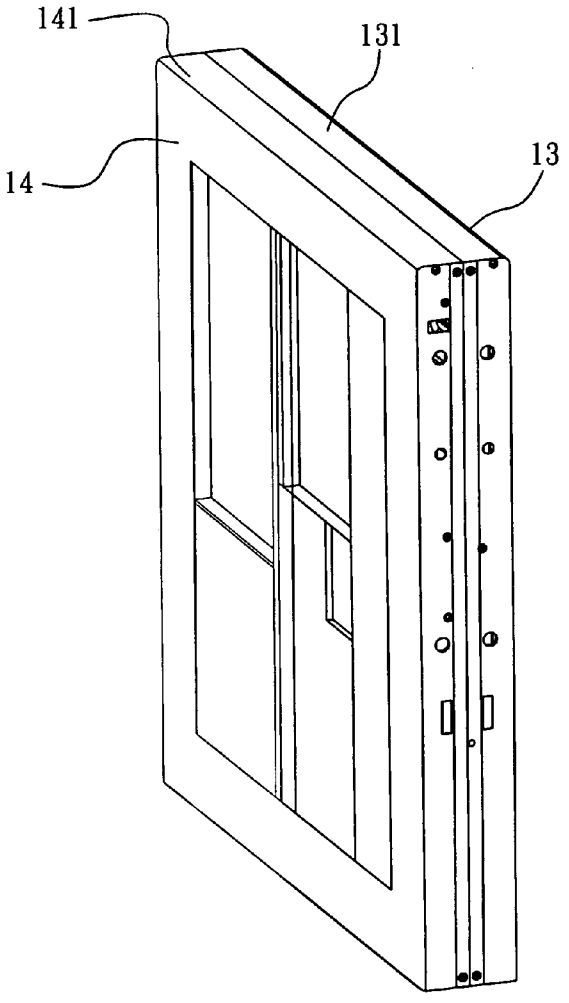
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(57) **ABSTRACT**

A host unit case with upper and lower covers for a computer includes an upper cover and a lower cover and each of the covers is composed of two plate members pivotally connecting with each other. A first wall and a second wall each have the upper and lower ends thereof pivotally connecting with one of the plate members available for all parts being folded easily to reduce volume of the packaged host unit case. When the packaged host unit case is unfolded, the upper and lower ends of the first wall are joined to the first ends of the upper and lower covers respectively and the upper and lower ends of the second wall are joined to the second ends of the upper and lower covers respectively such that the host unit case is set up completely conveniently and quickly.



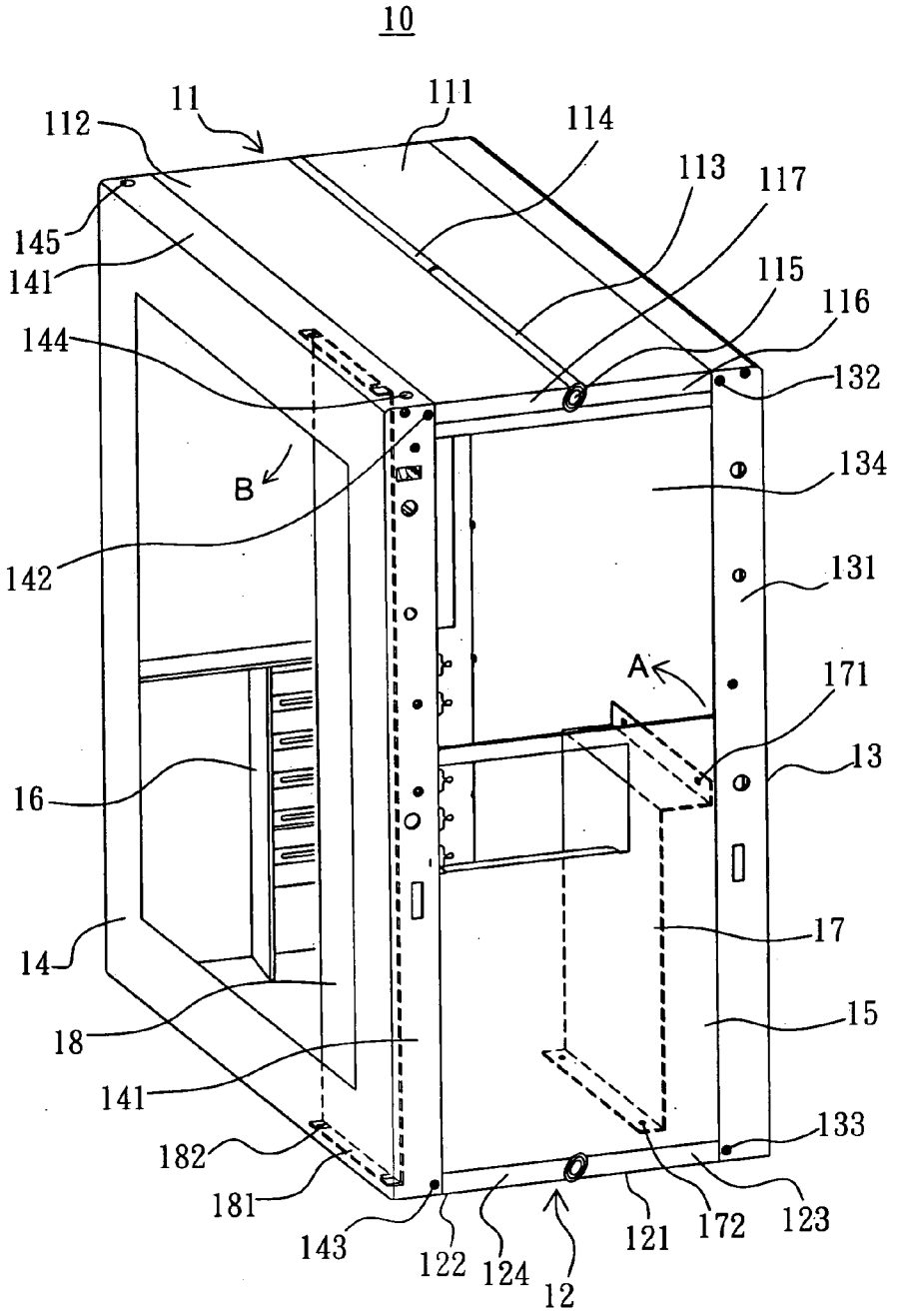

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FIG.1A

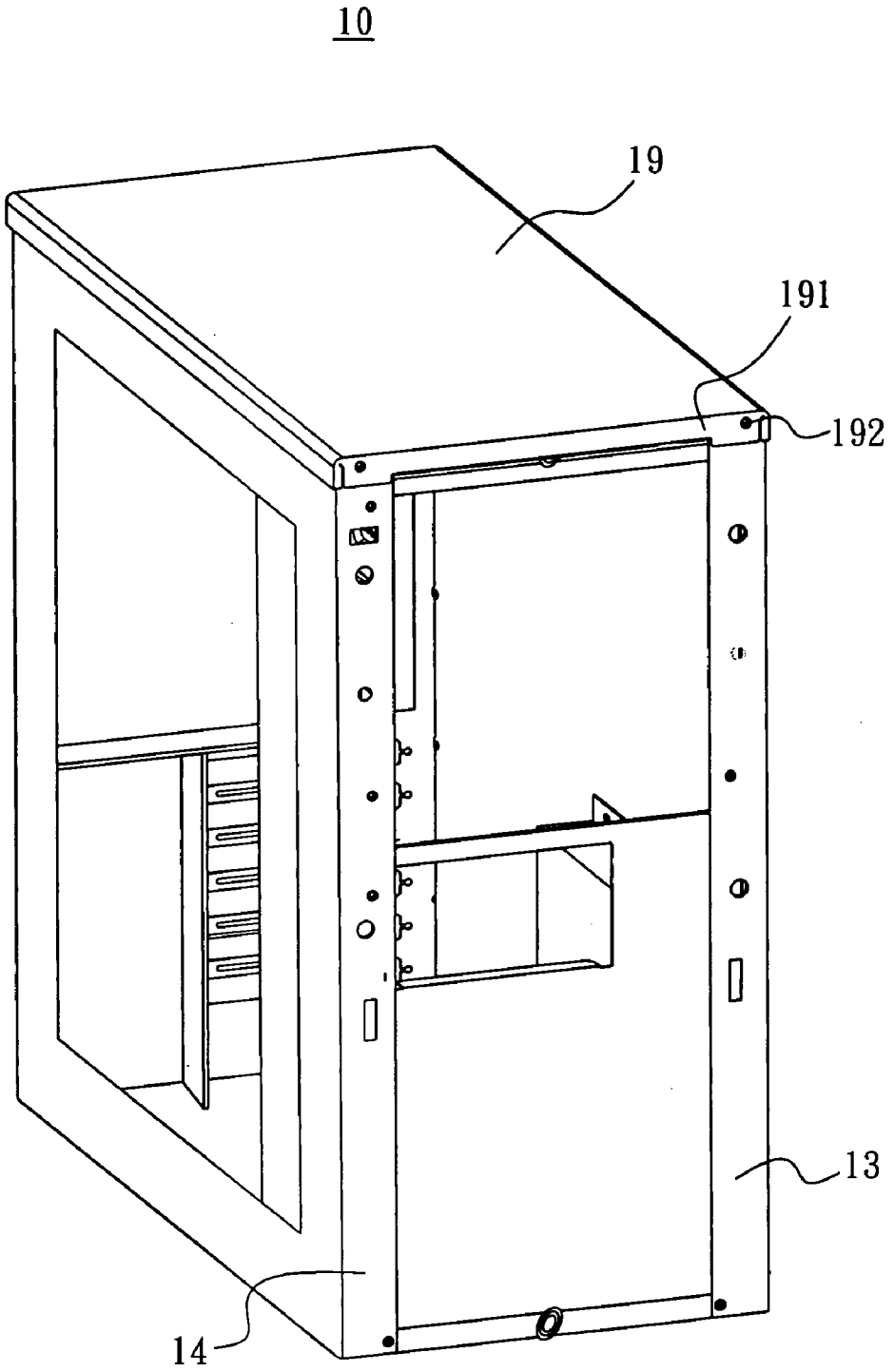


FIG.1B

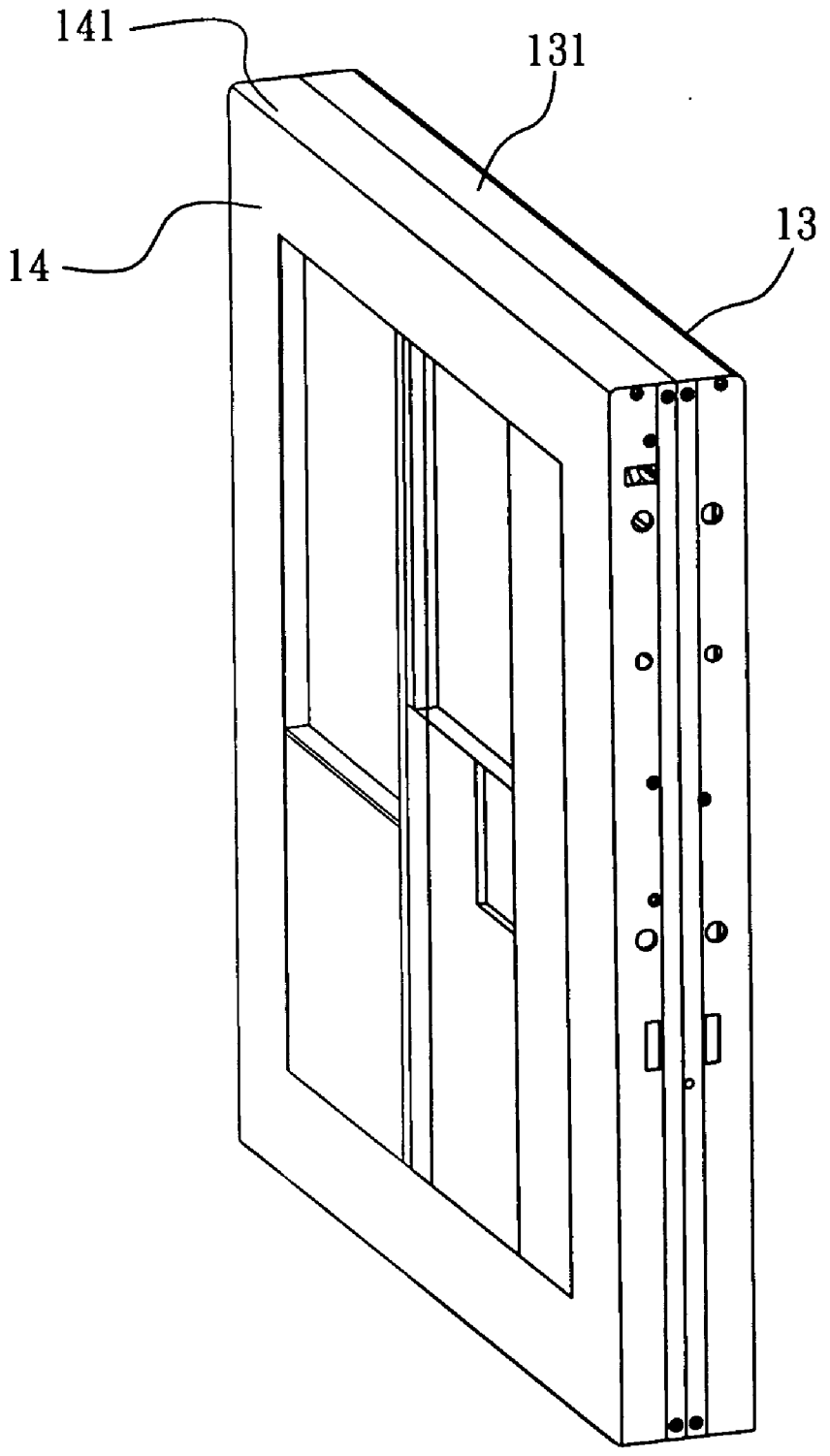


FIG.2

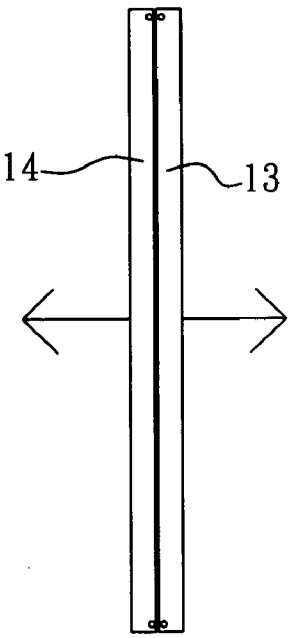


FIG.3A

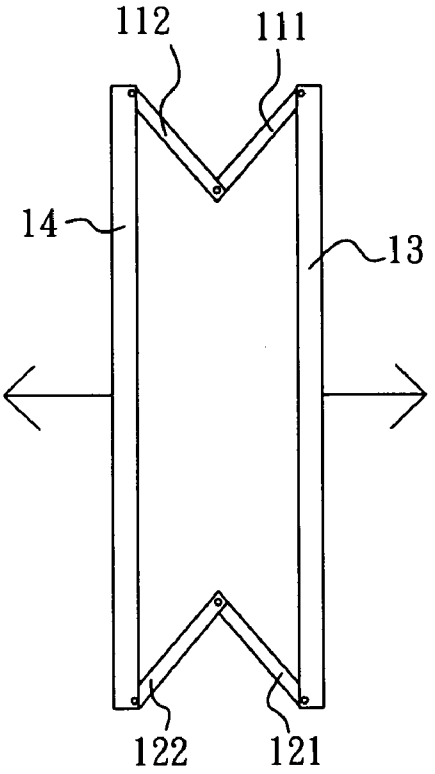


FIG.3B

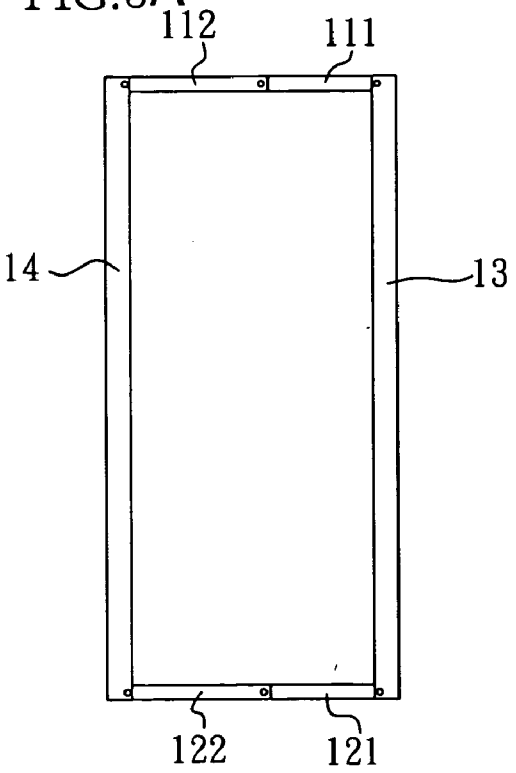


FIG.3C

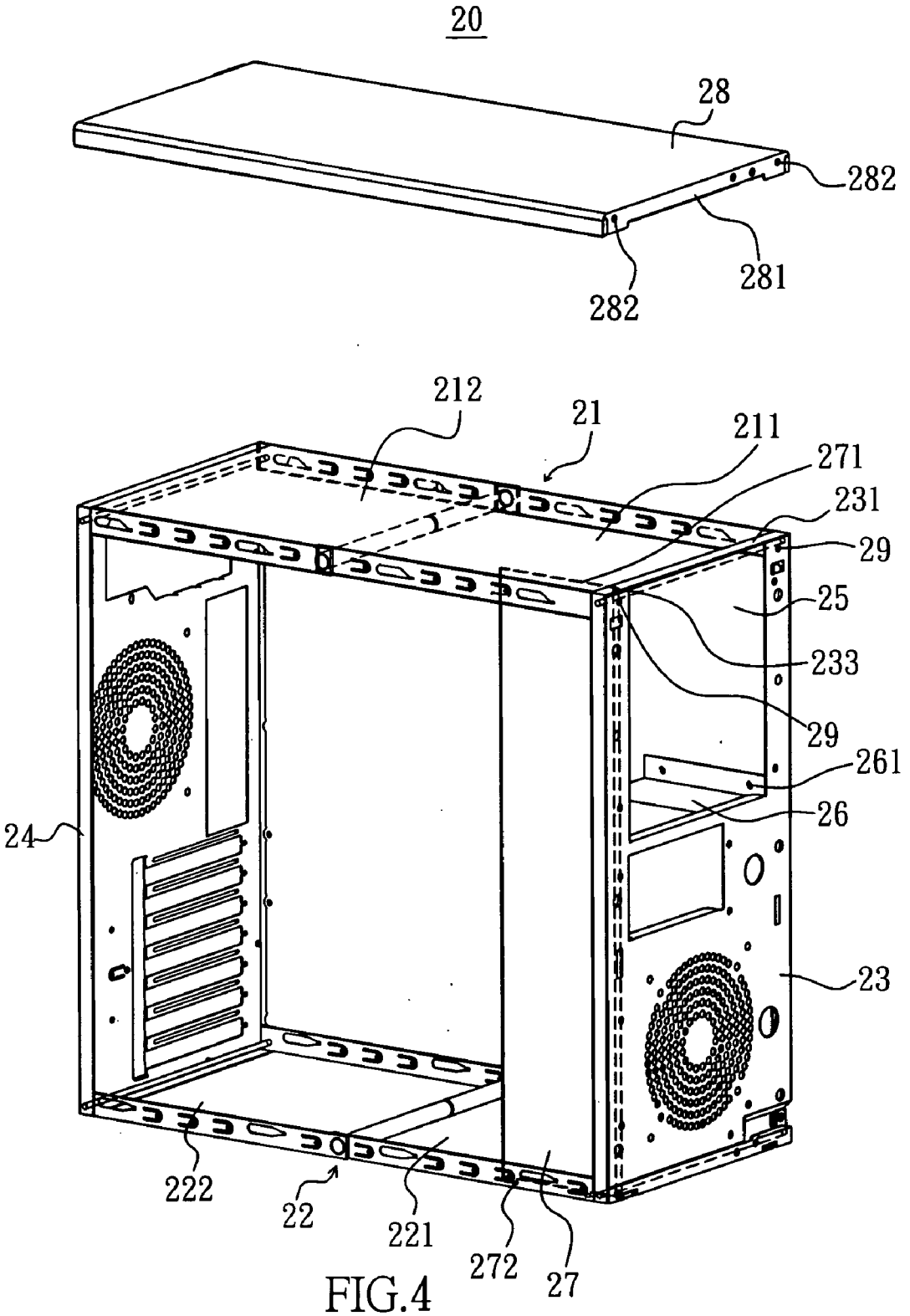

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FIG.4

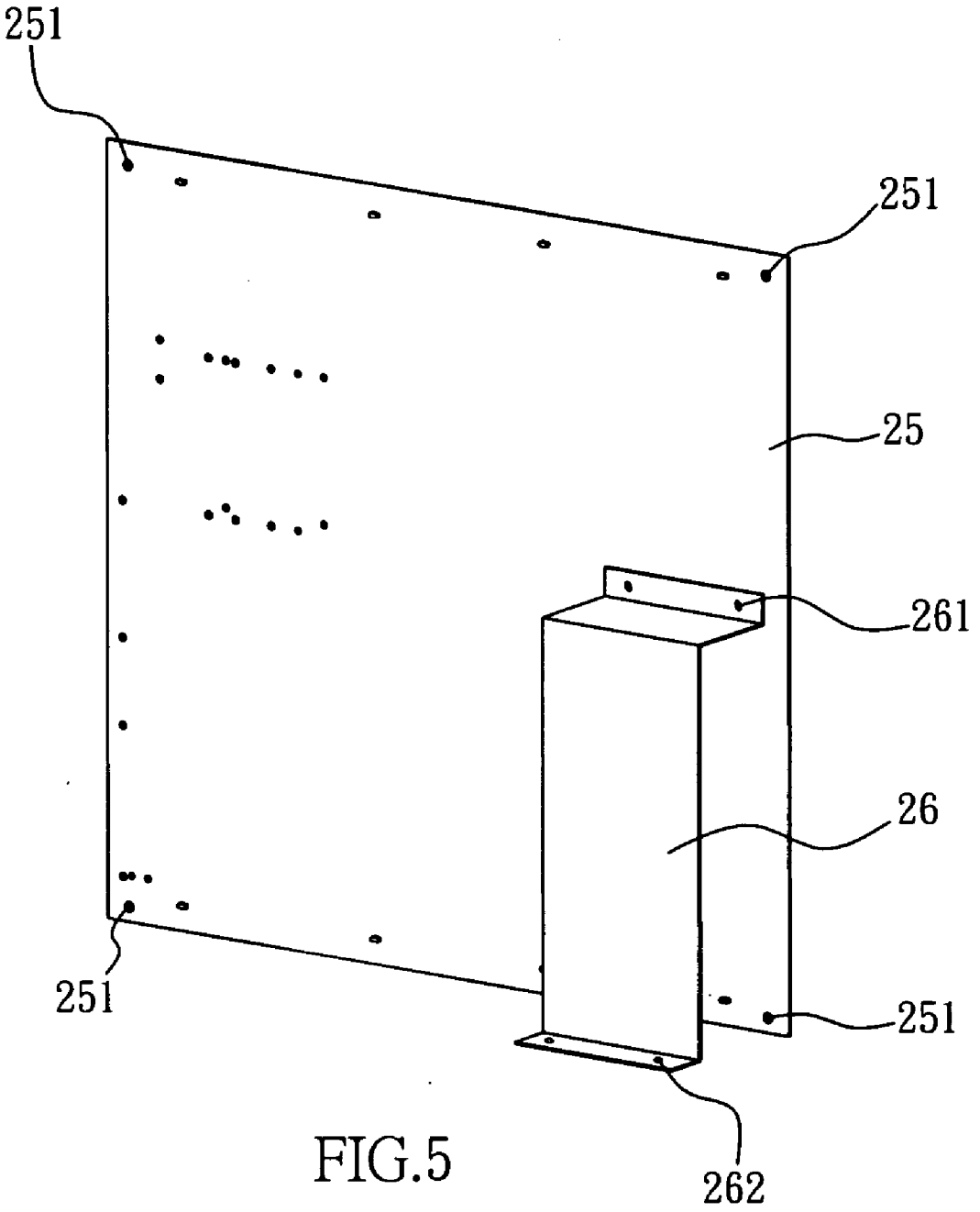


FIG.5

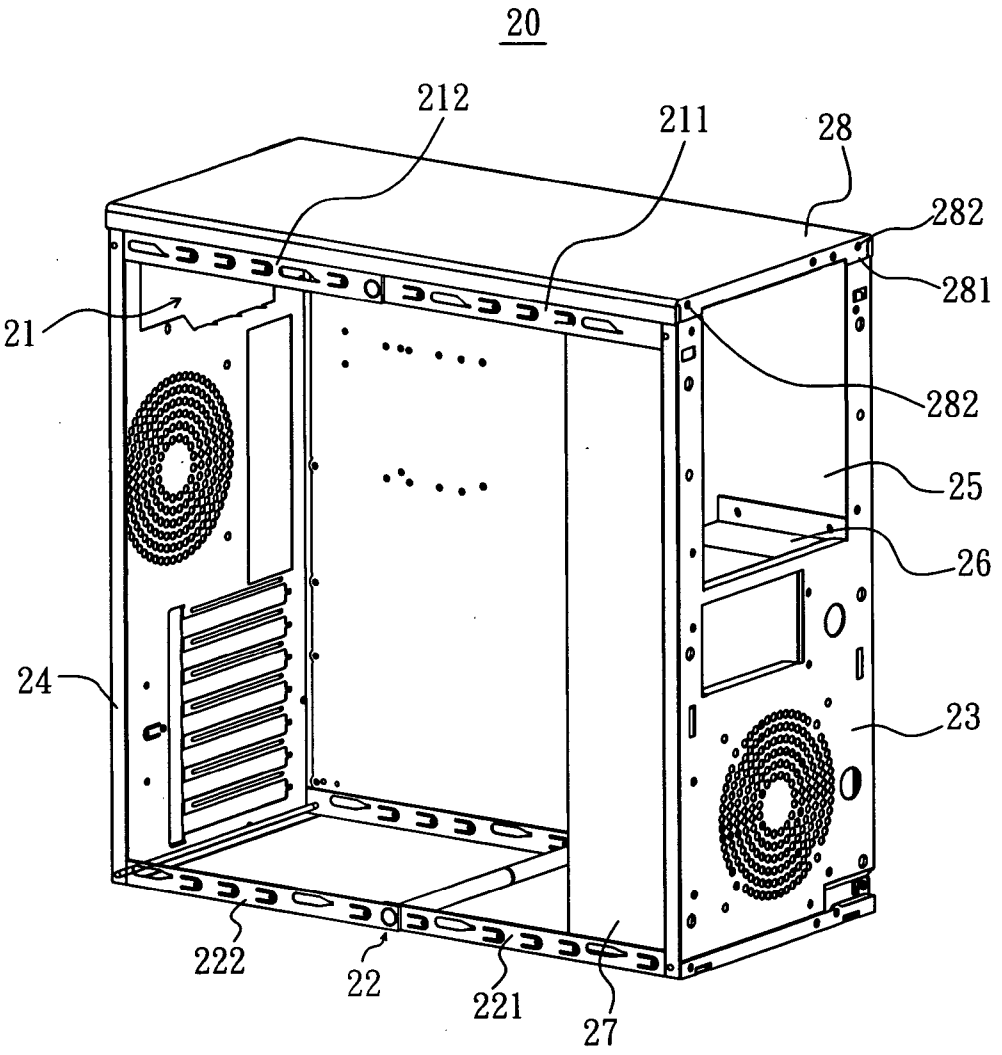


FIG.6

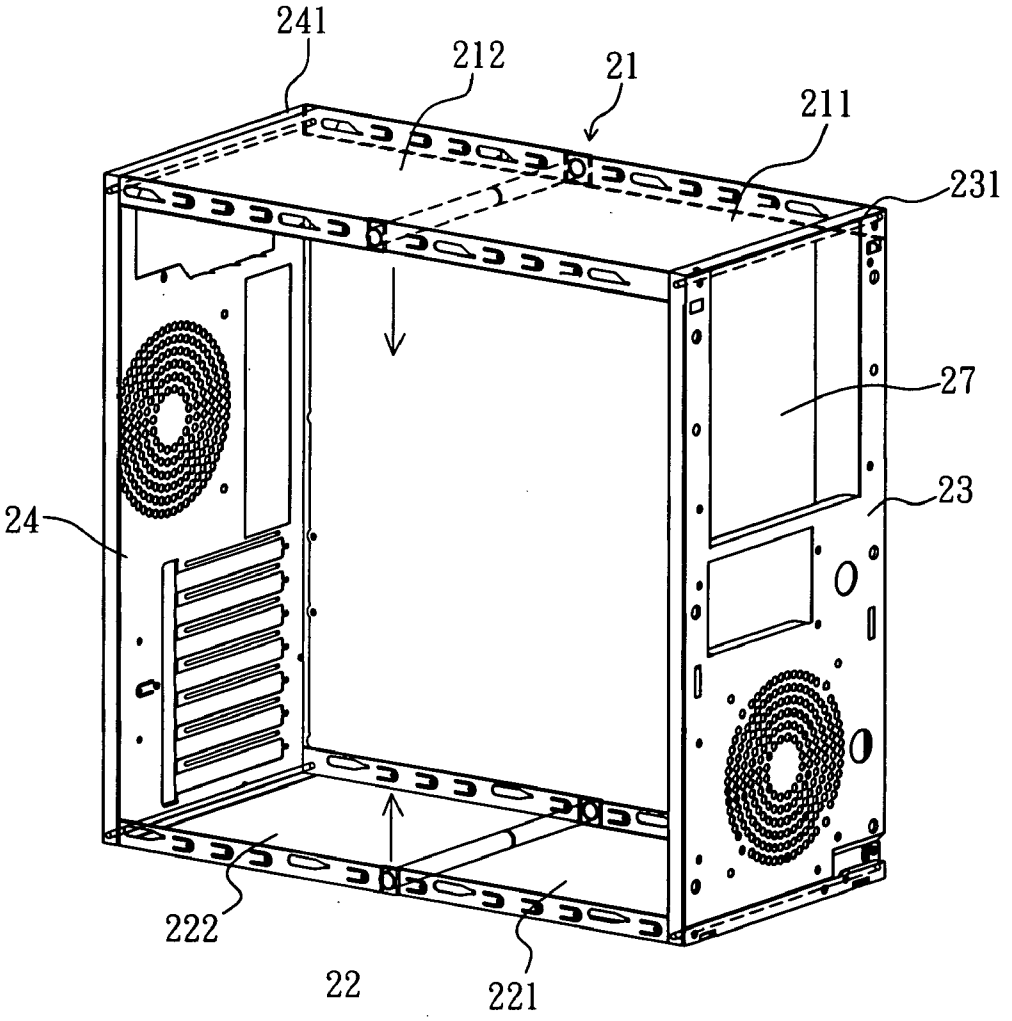


FIG.7

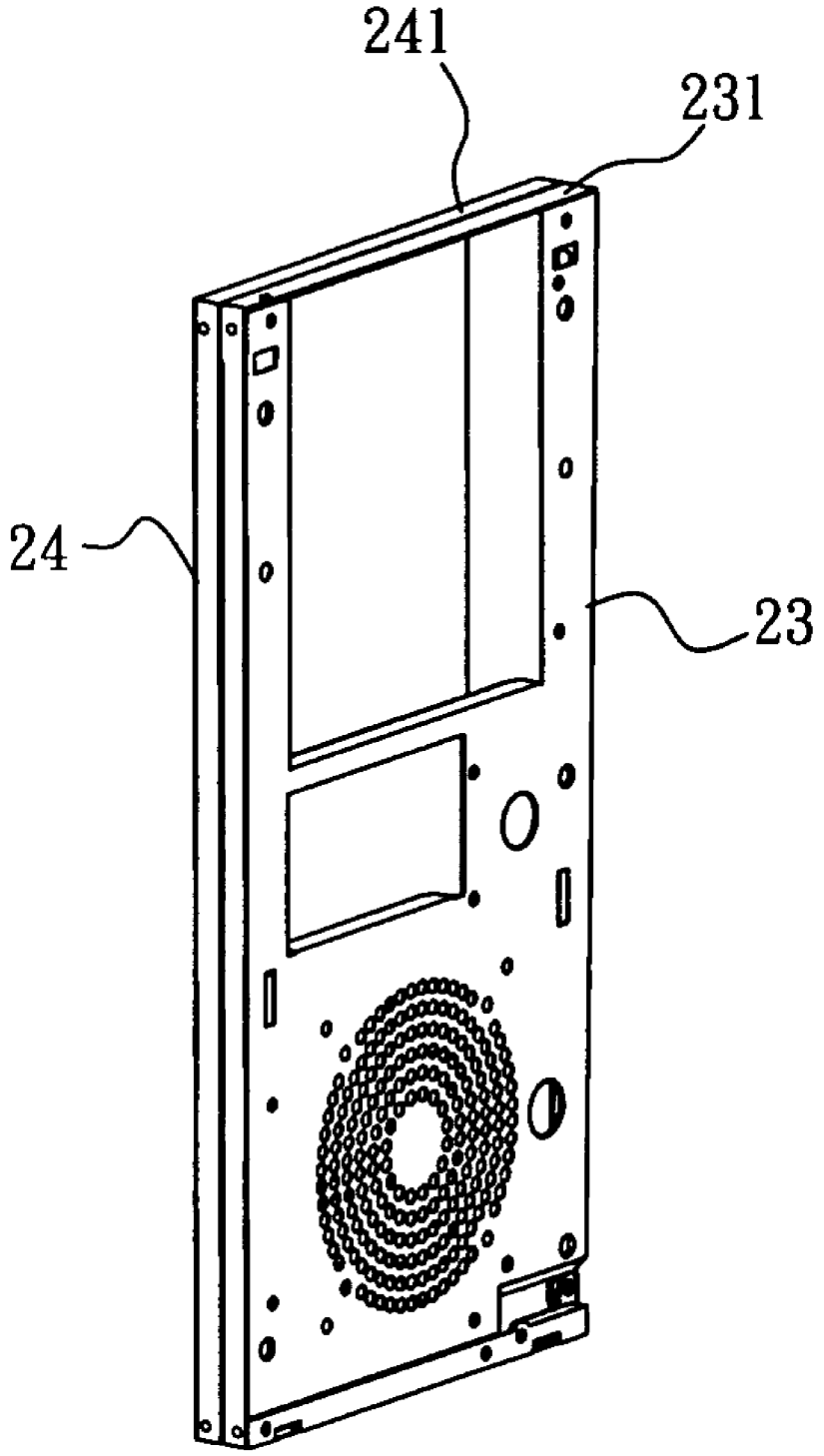


FIG.8

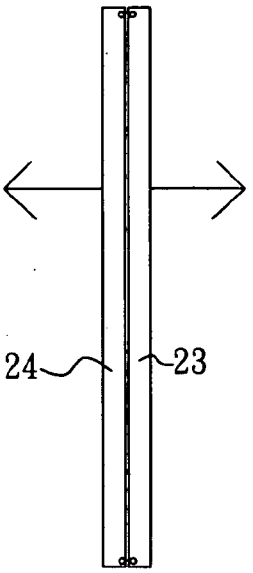


FIG.9A

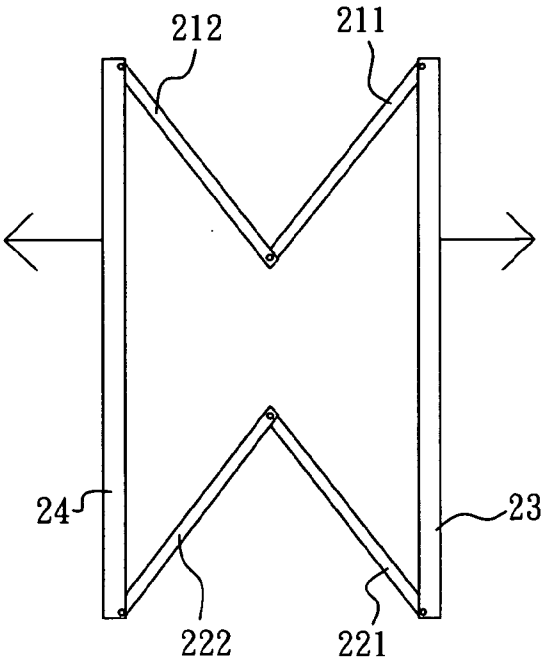


FIG.9B

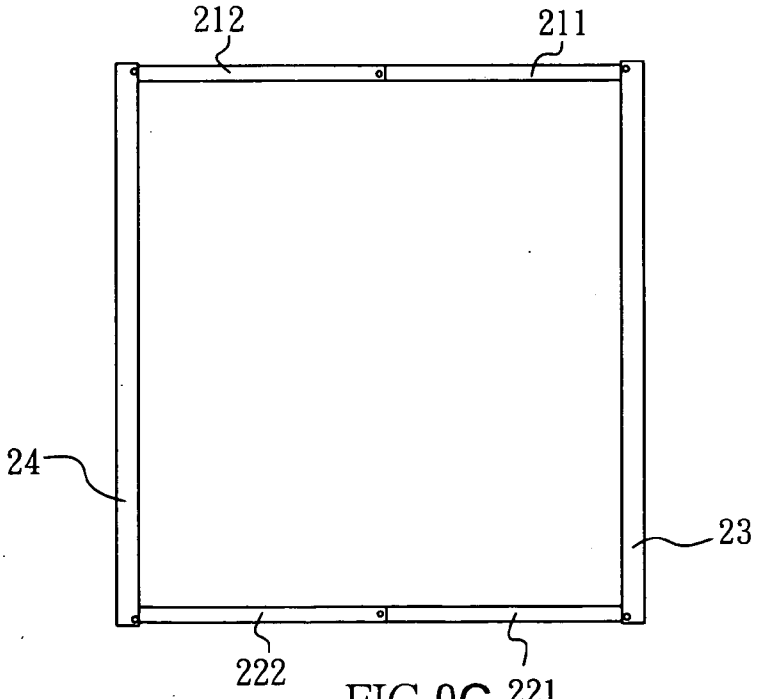


FIG.9C

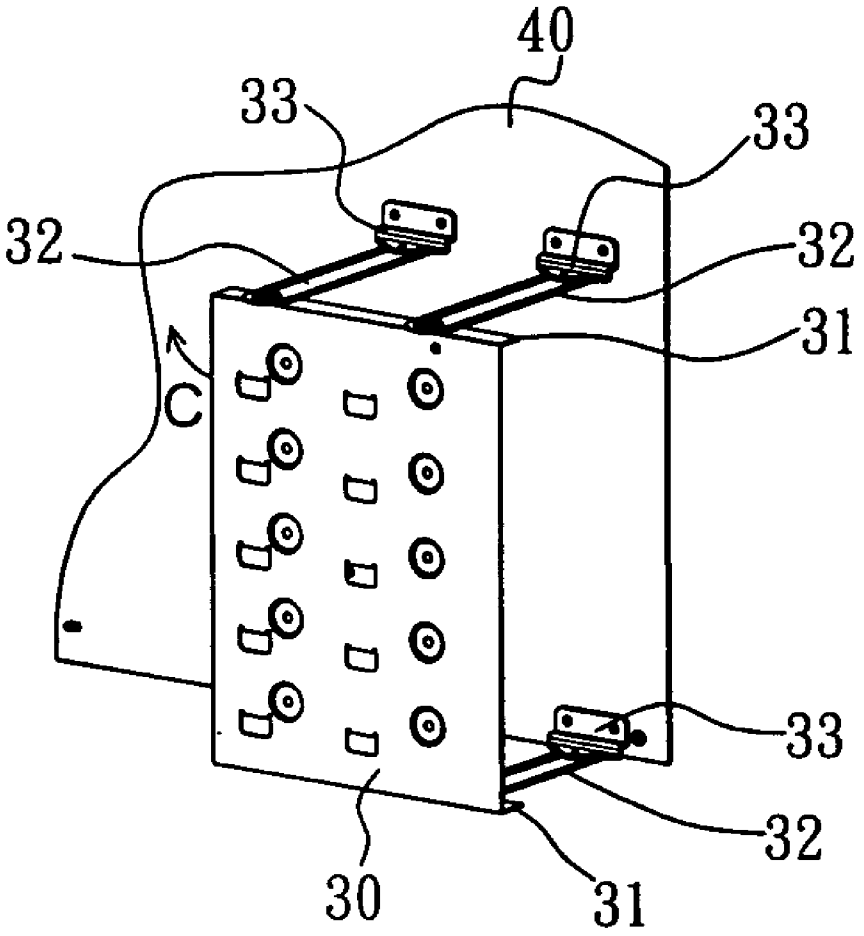


FIG.10

HOST UNIT CASE WITH FOLDABLE UPPER AND LOWER COVERS FOR A COMPUTER

Earliest Foreign Applications:

[0001]

Country	Application No.	Date of Filing	Priority Claimed
Taiwan	095113263	14/04/2006	Yes

BACKGROUND OF THE INVENTION

[0002] 1. Field of the Invention:

[0003] The present invention is related to a host unit case of a personal computer and particularly to a built-up type host unit case of a computer.

[0004] 2. Brief Description of Related Art:

[0005] The host unit case is employed to receive electronic devices such as a main board, hard disks, optical disk drives, floppy disk drives and power supply device. Usually, the host unit case is set up with an unchangeable structure. The composite type host unit case has prior art such as U.S. Pat. No. 6,961,236 and Taiwan Utility model publication No. M258544. U.S. Pat. No. 6,961,236 discloses a computer chassis and Taiwan Utility model publication No. M258544 discloses a host unit case to meet specifications of ATX and BTX.

[0006] Following prior art which is belonged to a further type for the host unit case is made available for being disassembled into several parts before being set up as the host unit case. Taiwan Patent Publication No. 468811 discloses a host unit case for an industrial computer. Taiwan Patent Publication No. 474423 discloses a computer chassis free from aid of hand tools. Taiwan Patent Publication No. 490120 discloses a composite type computer chassis. Taiwan Patent Publication No. 531142 discloses a composite type computer chassis assembly.

[0007] Further, the computer chassis free from aid of hand tools disclosed in Taiwan Patent Publication No. 474423 provides the front and rear cover plates, which are pivotally joined to a bottom plate with head pins, two frame plates for a big floppy disk drive, which are pivotally joined to the front and rear cover plates, and a cover plate for a small floppy disk drive is assembled to a frame plate and is fixedly hung to the bottom of frame plate for the big floppy disk drive. Further, four L shaped plates are fixed at four corners of the bottom plate to be joined to the two cover plates firmly. Finally, two lateral cover plates are hooked to the lateral sides of the preceding structure and fastened with set screws after the main board and the power supply frame being mounted to the preceding structure to complete the whole assembly of the computer chassis. The parts of the computer chassis are packaged separately such that less space is required for storage.

[0008] However, parts of the preceding prior art are so many and divided into several part groups and it is inconvenient to pick right parts during setting up the computer chassis such that it is hard to gather the parts before assembling and it takes a lot of time set up the computer chassis.

SUMMARY OF THE INVENTION

[0009] Therefore, the invention is proposed in order for a host unit case for a computer to be folded and set up more conveniently.

[0010] The primary object is to provide a host unit case with upper and lower covers for a computer with which the host unit case can be completely set up easily and quickly to enhance fun while the host unit case being set up by the user.

[0011] Another object is to provide a host unit case with upper and lower covers for a computer with which the parts can be gathered together and reduced in a small volume while packaging for reducing delivery cost and saving storage space.

[0012] Accordingly, a host unit case with foldable upper and lower covers for a computer according to the present invention is capable of being reduced volume thereof while packaging and being completely set up conveniently and quickly and comprises:

[0013] an upper cover, providing a first plate member and a second plate member pivotally connecting with the first plate member;

[0014] a lower cover, providing a third plate member and a fourth plate member pivotally connecting with the third plate member;

[0015] a first wall, the upper end thereof pivotally connecting with the first plate member and the lower end thereof pivotally connecting with the third plate member; and

[0016] a second wall, the upper end thereof pivotally connecting with the second plate member and the lower end thereof pivotally connecting with the fourth plate member;

[0017] wherein, the upper and lower ends of the first wall are joined to a first end of the upper cover and a first end of the lower cover and the upper and lower ends of the second wall are joined to a second end of the upper cover and a second end of the lower cover in case of the preceding parts being extended to allow the host unit case being completely set up conveniently and quickly. Thus, the host unit case can be reduced the volume thereof while packaging.

BRIEF DESCRIPTION OF THE DRAWINGS

[0018] The present invention can be more fully understood by reference to the following description and accompanying drawings, in which:

[0019] FIG. **1**A is a perspective view of the first embodiment of a host unit case with upper and lower covers for a computer according to the present invention;

[0020] FIG. **1**B is a perspective view of the first embodiment of the host unit case shown in FIG. **1**A associated with an upper case member;

[0021] FIG. **2** is a perspective view illustrating the first embodiment of the host unit case of the invention in a state of the first wall and the second wall being close to each other;

[0022] FIGS. **3**A, **3**B and **3**C are side elevational view illustrating steps to unfold the host unit case for separating the first and second walls apart in the first embodiment;

[0023] FIG. **4** is a perspective view of the second embodiment of the host unit case of the invention illustrating an upper case member being apart from rest parts of the host unit case;

[0024] FIG. **5** is a perspective view of the second wall and a first support member of the second embodiment of the host unit case according to the present invention;

[0025] FIG. **6** is a perspective view of the second embodiment of the host unit case according to the present invention;

[0026] FIG. **7** is a perspective view illustrating a second support plate of the second embodiment in a state of being folded;

[0027] FIG. **8** is a perspective view illustrating the second embodiment of the host unit case of the invention in a state of the first wall and the second wall being close to each other;

[0028] FIGS. **9**A, **9**B and **9**C are side elevational view illustrating steps to unfold the second embodiment of the host unit case for separating the first and second walls apart; and

[0029] FIG. **10** is a perspective view of another embodiment of the first support member.

DETAILED DESCRIPTION OF THE INVENTION

[0030] Referring to FIG. **1**A, the first embodiment of a host unit case with foldable upper and lower covers according to the present invention is capable of being reduced volume thereof for packaging. The host unit case **10** includes an upper cover **11** and a lower cover **12**. The upper cover **11** is composed of a first plate member **111** and a second plate member **112**, which pivotally connect with each other in a way of a fitting part **113**, **114** being alternately disposed at the joining sides of the first plate member **111** and second plate member **112** and a pivot rod **115** passing through fitting holes of the fitting parts **113**, **114**. Alternatively, a conventional hinge is joined to the first plate member **111** and the second plate member **112** in a way of two hinge ends being fixed to the joining sides of the first plate member **111** and the second plate member **112** respectively or in a way of two pivotal parts of the conventional hinge being located at a state of extended position and capable of being turned by means of an exerted force. The first and second plate members **111**, **112** each provide a margin frame **116**, **117** available for the pivotal structure respectively. The lower cover **12** is composed of a third plate member **121** and a fourth plate member **122**. The third plate member **121** is pivotally joined to the fourth plate member **122** and the structure of the pivotal connection between the third and fourth plate members **121**, **122** is the same as that between the first and second plate members **111**, **112** and no details will be described further. A margin frame **123**, **124** is provided to enclose the third and fourth plate members **121**, **122** respectively available for mounting pivotal structure. A first wall **13** has a margin frame **131** corresponding to the margin frame **116** of the first plate member **111** and the margin frame **123** of the third plate member **121**. The margin frame **131** of the first wall **13** presses against outer sides of the margin frame **116** (at the first end) of the first plate member **111** and the margin frame **123** (at the first end) of the third plate member **121**. The adjacent margin frames **131**, **116** and the adjacent margin frames **131**, **123** have pivotal holes accommodating pivotal shafts **132**, **133** respectively such that the first plate member **111** and the third plate member **121** pivotally connect with the upper end and the lower end of the first wall **13**. A second wall **14** has a margin frame **141** corresponding to the margin frame **117** (at the second end) of the second plate member **112** and the margin frame **124** (the second end) of the fourth plate member **122**. The margin frame **141** of the second wall **14** presses against outer lateral sides of the margin frame **117** and the margin frame **124**. The adjacent margin frames **141**, **117** and the adjacent margin frames **141**, **124** have pivotal holes accommodating pivotal shafts **142**, **143** respectively such that the second plate member **112** and the fourth plate member **122** pivotally connect with the upper end and the lower end of the second wall **14**.

[0031] A third wall **15** has a margin frame corresponding to the margin frame **141** at the first end of the second wall **14**. The margin frame at the first end of the third wall **15** is disposed at the inner side of margin frame **141**. The margin frame of the third wall **15** and margin frame **141** at the first end of the second wall **14** provides pivotal holes respectively for accommodating a pivotal shaft **144** such that the first end of the third wall **15** can pivotally connect with the first end of the second wall **14**. The second end of the third wall **15** is joined to the first end of the first wall **13** with screw fastening or catching to each other. The first end of the third wall **15** can pivotally connect with the first end of first wall **13**. A fourth wall **16** has a margin frame corresponding to the margin frame **141** at the second end of the second wall **14**. The margin frame of the fourth wall **16** is disposed at the inner side of margin frame **141** at the second end of the second wall **14**. The margin frame of the fourth wall **16** and margin frame **141** at the second end of the second wall **14** provides pivotal holes respectively for accommodating a pivotal shaft **145** such that the fourth wall **16** can pivotally connect with the second end of the second wall **14**. The fourth wall **16** can pivotally connect with the second end of first wall **13**.

[0032] The first embodiment further includes a first support member **17** and a second support member **18**. The first support member **17** has fixing holes **171** at top thereof corresponding to fixing holes at the plate body **134** of the first wall **13** such that the first support member **17** can be joined to the plate body **134** with screws engaging with the fixing holes. The bottom of the first support member **17** has fixing holes **172** corresponding fixing holes at the third plate member **121** such that the bottom of the first support member **17** can be joined to the third plate member **121** with screws passing through the fixing holes. The second support member **18** provides a plate body **181** at the top and the bottom thereof respectively corresponding to margin frame **141** at the first end of second wall **14**. The plate body **181** has a elongated slot **182** at the top and the bottom thereof corresponding to fixing holes at the margin frame **141** of the second wall **14** respectively such that the second support member **18** is joined to the second wall **14** with screws passing through the fixing holes and the elongated slots **182** are available for adjusting space between the second support member **18** and the plate member **134** of the first wall **13**. The space between the plate member **134** and the second support member **18** is larger enough to accommodate the first electronic device such as 5.25" floppy drive. The space between the first support member **17** and the second support member **18** is smaller so as to accommodate the second electronic device such as 3.25" floppy drive.

[0033] The first wall **13** and second wall **14** are the first lateral wall and the second lateral wall and the third wall **15** and fourth wall **16** are the front wall and the rear wall in the first embodiment.

[0034] Referring to FIGS. **1**A and **2**, when the host unit case of the first embodiment is folded, the first and second support members **17**, **18** are detached first. Next, the third wall **15** and the fourth wall **16** close to an end of the first wall **13** are moved toward the second wall **14** as arrows A and B of FIG. **1** shows. Then, the first wall **13** and the second wall **14** are moved to be close to each other for the pivotal fitting parts of the first and second plate members **111**, **112** moving downward and the pivotal fitting parts of the third and fourth plate members **121**, **122** moving upward such that the first and third plate members **111**, **121** moves to be close to the first wall **13**, the second and fourth plate members **112**, **122** moves to be close to the second wall **14** in a way of the margin frame **131** of the first wall **13** and the margin frame **141** of the second wall **14** being disposed against each other as shown in FIG. **2**. In this way, space occupied by the folded host unit case is reduced significantly.

[0035] Referring to FIGS. **2**, **3**A, **3**B and **3**C, when the host unit case of the present embodiment is unfolded, the first wall **13** and the second wall **14** are moved outward first as shown in FIG. **3**A to extend the pivotal joints between the first plate member **111** and the second plate member **112** and the pivotal joints between the third plate member **121** and the fourth plate member **122** gradually as shown in FIG. **3**B till being fully unfolded as shown in FIG. **3**C. Further, the third wall **15** and the fourth wall **16** are extended and the first and the second support members **17**, **18** are mounted to form the complete host unit case conveniently and quickly.

[0036] Referring to FIGS. **1**A and **1**B, the present embodiment of the host unit case according to the present invention further includes a top case member **19**, which has margin frames **191** extending downward with fixing holes **192** corresponding to fixing holes at the first wall **13** and the second wall **14** respectively such that the top case member can be joined to the first wall **13** and the second wall **14** with screws passing through the fixing holes **192**.

[0037] Referring to FIGS. **4** and **5**, the second embodiment of the host unit case with foldable upper and lower covers for a computer according to the present invention is illustrated. The host unit case **20** includes an upper cover **21** and a lower cover **22**, a first wall **23** and a second wall **24**. The upper cover **21** is composed of a first plate member **211** and a second plate member **212**, which pivotally connect with each other in a way of almost the same as the pivotal structure between the first plate member **111** and the second plate member **112** of the first embodiment. No detail will be described further. The lower cover **22** is composed of a third plate member **221** and a fourth plate member **222**, which pivotally connect with each other in a way almost the same as the pivotal structure between the first plate member **111** and the second plate member **112** of the first embodiment. No detail will be described further too. The upper and lower ends of the first wall **23** pivotally connect with the first plate member **211** of the upper cover **21** and the third plate member **221** of the lower cover **22** respectively and the upper and lower ends of the second wall **24** pivotally connect with the second plate member **212** of the upper cover **21** and the fourth plate member **222** of the lower cover **22** respectively in a way almost the same as pivotal structure of the first wall **13** and the second wall **14** being joined to the upper cover **11** and the lower cover **12**. No detail will be described further.

[0038] Referring to FIG. **5**, a third wall **25** is provided in the second embodiment and has fixing holes **251** corresponding to the fixing holes at the margin frames of the first wall **23** and the second wall **24** respectively such that the third wall **25** is joined to the first wall **23** and the second wall **24** with screws passing through the fixing holes.

[0039] The second embodiment further includes a first support member **26** and a second support member **27**. The first support member **26** has fixing holes **261** at the top corresponding to fixing holes at the third wall **25** such that the first support member **26** can be joined to the third wall **25** with screws passing through the fixing holes. The bottom of the first support member **26** has fixing holes **262** corresponding to fixing holes at the third plate member **221** of the lower cover **22** such that the bottom of the first support member **26** can be joined to the third plate member **221** with screws passing through the fixing holes. The top and bottom of the second support member **27** have a plate body **271** respectively corresponding to margin frame **231** at the upper and lower ends of the first wall **23**. The plate bodies **271** at the first end of the second support member **27** are disposed at the inner side of the margin frame **231** respectively. The margin frame **231** and the plate body **271** have pivotal holes corresponding to each other such that the first end of the second support member **27** pivotally connects with the first wall **23** with a shaft **233** passing through the pivotal holes. The plate body **271** at the bottom of second support member **27** and the third plate member **221** of the lower cover **22** provide fixing holes **272** respectively such that the bottom of the second support member **27** is joined to the lower cover **22** with screws passing through the fixing holes **272**. The space between the third wall **23** and the second support member **27** is larger enough to accommodate a 5.25" floppy drive. The space between the first support member **26** and the second support member **27** is smaller and available for accommodating a 3.25" floppy drive. An upper case member **28** has a margin frame **281** extending downward and the margin frame **281** has fixing holes **282**, **29** corresponding to fixing holes at the first wall **23** and the second wall **24** such that the upper case member **28** is joined to the first wall **23** and the second wall **24** respectively with screws passing through the fixing holes **282**, **29**.

[0040] The first wall **23** and the second wall **24** are the front wall and the rear wall respectively. The third wall **25** is a lateral wall for being joined to the main board.

[0041] Referring to FIGS. **4**, **6** and **7**, when the host unit case of the second embodiment is folded, the upper case member **28**, the third wall **25** and the first support member **26** are detached first. Next, the second end of the second support member **27** is moved toward the first wall **23**. Then, the first wall **23** and the second wall **24** are moved to close to each other for the pivotal fitting parts of the first and second plate members **211**, **212** moving downward and the pivotal fitting parts of the third and fourth plate members **221**, **222** moving upward as shown in FIG. **7** such that the first and third plate members **211**, **221** move close to the first wall **23**, the second and fourth plate members **212**, **222** move close to the second wall **24** and the margin frame **231** of the first wall **23** and the margin frame **241** of the second wall **24**

are disposed against each other as shown in FIG. **8**. In this way, space occupied by the folded host unit case is reduced significantly.

[0042] Referring to FIGS. **4**, **9**A, **9**B and **9**C, when the host unit case of the present embodiment is unfolded, the first wall **23** and the second wall **24** are moved outward first as shown in FIG. **9**A. Next, the pivotal joints between the first plate member **211** and the second plate member **212** and the pivotal joints between the third plate member **221** and the fourth plate member **222** are extended gradually as shown in FIG. **9**B till being fully unfolded as shown in FIG. **9**C. Then, the second support member **27** is lifted and the third wall **25** and the first support member **16** are mounted. Finally, the upper case member **28** is fixedly joined to the first wall **23** and the second wall **24** respectively to form the complete host unit case **20** conveniently and quickly.

[0043] Referring to FIG. **10**, another embodiment of the first support member **30** is illustrated. The top and bottom of first support member **30** have a horizontally bent shaped plate body **31** respectively. The respective plate body **31** is pivotally connected to an end of a connecting rod **32** corresponding to the respective plate body **31**. Another end of the respective connecting rod **32** is pivotally connected to a corresponding lug **33** and the lug **33** is joined to the third wall **40**. The plate body **31** at the bottom of the first support member **30** has fixing holes corresponding to the fixing holes at the third plate member of the lower cover such that the bottom of the first support member **30** is joined to the third plate member with screws passing through the corresponding fixing holes. When the first support member **30** is going to be removed during folding the host unit case, the bottom of the first support member **30** is detached from the third plate member first and then moved toward direction of arrow C shown in FIG. **10** to lean on the third wall **40**.

[0044] It is appreciated that the host unit case with foldable upper and lower covers for a computer according to the present invention is capable of being set up a complete host unit case easily and quickly to enhance fun with self setting up the host unit case and be favorable for decreasing delivery cost and saving available storage space.

[0045] While the invention has been described with referencing to preferred embodiment thereof, it is to be understood that modifications or variations may be easily made without departing from the spirit of this invention, which is defined by the appended claims.

What is claimed is:

1. A host unit case with foldable upper and lower covers for a computer, which is capable of being reduced volume thereof while packaging and being completely set up conveniently and quickly, comprising:

an upper cover, providing a first plate member and a second plate member pivotally connecting with the first plate member;

a lower cover, providing a third plate member and a fourth plate member pivotally connecting with the third plate member;

a first wall, the upper end thereof pivotally connecting with the first plate member and the lower end thereof pivotally connecting with the third plate member; and

a second wall, the upper end thereof pivotally connecting with the second plate member and the lower end thereof pivotally connecting with the fourth plate member;

wherein, the upper and lower ends of the first wall are joined to a first end of the upper cover and a first end of the lower cover and the upper and lower ends of the second wall are joined to a second end of the upper cover and a second end of the lower cover in case of the preceding parts being extended to allow the host unit case being set up completely.

2. The host unit case with foldable upper and lower covers for a computer as defined in claim **1** further comprises a third wall with a first end thereof being joined to the first wall and a second end thereof being joined to the second wall.

3. The host unit case with foldable upper and lower covers for a computer as defined in claim **2**, wherein the first end of the third wall is pivotally connected to one of the first and second walls.

4. The host unit case with foldable upper and lower covers for a computer as defined in claim **3** further comprises an upper case member with a margin frame extending downward and the margin frame has fixing holes corresponding to fixing holes at the first wall and the second wall such that the upper case member is joined to the first wall and the second wall with screws passing through the corresponding fixing holes.

5. The host unit case with foldable upper and lower covers for a computer as defined in claim **3** further comprises a fourth wall with a first end thereof being joined to the first wall and a second end thereof being joined to the second wall.

6. The host unit case with foldable upper and lower covers for a computer as defined in claim **5**, wherein the first end of the fourth wall pivotally connects with one of the first and second walls.

7. The host unit case with foldable upper and lower covers for a computer as defined in claim **6**, wherein the first wall, the first plate member and the third plate member have a margin frame corresponding to each other respectively with pivotal holes at the margin frames corresponding to each other too such that the first wall pivotally connects with the first plate member and the third plate member with screw rods.

8. The host unit case with foldable upper and lower covers for a computer as defined in claim **7**, wherein the second wall, the second plate member and the fourth plate member provide a margin frame respectively corresponding to each other with pivotal holes at the margin frames corresponding to each other too such that the second wall pivotally connects with the second and fourth plate members with screw rods passing through the corresponding pivotal holes.

9. The host unit case with foldable upper and lower covers for a computer as defined in claim **6**, wherein the first end of the third wall and one of the first and second walls provide a corresponding margin frame respectively with corresponding pivotal holes at the margin frames such that the first end of the third wall pivotally connects with one of the first and second walls with a screw rod passing through the pivotal holes.

10. The host unit case with foldable upper and lower covers for a computer as defined in claim **9**, wherein the first end of the fourth wall and one of the first and second walls provide a corresponding margin frame respectively with corresponding pivotal holes at the margin frames such that the first end of the fourth wall pivotally connects with one of the first and second walls with a screw rod passing through the pivotal holes.

11. The host unit case with foldable upper and lower covers for a computer as defined in claim **10**, wherein the first wall and the second wall are a first lateral wall and a second lateral wall respectively and the third and fourth walls are a front wall and a rear wall respectively.

12. The host unit case with foldable upper and lower covers for a computer as defined in one of claims **1** further comprises a first support member with the upper end thereof being joined to the first wall and the lower end thereof being joined to the third plate member.

13. The host unit case with foldable upper and lower covers for a computer as defined in claim **12**, wherein the upper and lower ends of the first support member has a horizontally bent shaped plate body respectively with the front and rear end of the respective plate body being pivotally connected to an end of a connecting rod and another end of the connecting rod pivotally joined to a lug for being attached to the third wall and the plate body at the lower end of the first support member has fixing holes corresponding to fixing holes at the third plate member such that the lower end of the first support member is joined to the third plate member with screws passing through the corresponding fixing holes.

14. The host unit case with foldable upper and lower covers for a computer as defined in claim **12** further comprises a second support member with the upper and lower ends thereof being joined to the first end of second wall such that a first electronic device is joined between the first wall and the second support member and a second electronic device is joined between the first and second support members.

15. The host unit case with foldable upper and lower covers for a computer as defined in claim **14**, wherein the second support member has an elongated slot corresponding to fixing holes at the second wall such that the upper and lower ends of the second support member is joined to the second wall with screws passing through the corresponding elongated slot and the fixing holes and the elongated slot is available for adjusting distance between the second support member and the first wall.

16. The host unit case with foldable upper and lower covers for a computer as defined in claim **2**, wherein the first wall, the first plate member and the third plate member have a margin frame corresponding to each other respectively with pivotal holes at the margin frames corresponding to each other too such that the first wall pivotally connects with the first plate member and the third plate member with screw rods.

17. The host unit case with foldable upper and lower covers for a computer as defined in claim **16**, wherein the second wall, the second plate member and the fourth plate member provide a margin frame corresponding to each other respectively with pivotal holes at the margin frames corresponding to each other too such that the second wall pivotally connects with the second and fourth plate members with screw rods passing through the corresponding pivotal holes.

18. The host unit case with foldable upper and lower covers for a computer as defined in claim **17**, wherein the third wall provides a margin frame with fixing holes corresponding to fixing holes at the first and second walls such that the third wall is joined to the first and second walls with screws passing through the fixing holes.

19. The host unit case with foldable upper and lower covers for a computer as defined in claim **18** further comprises a first support member with the top thereof being joined to the third wall and the bottom thereof being joined to the third plate member.

20. The host unit case with foldable upper and lower covers for a computer as defined in claim **19** further comprises a second support member with a first end thereof pivotally connecting with the first wall to allow the first end of the second support member contacting the first wall such that a first electronic device is joined between the third wall and the second support member and a second electronic device is joined between the first and second support members.

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