CLAIM:

1. An adjustable storage device, comprising:

plates, being arranged vertically; and

at least two adjustable modules, connecting with two adjacent of the plates;

wherein the at least two adjustable modules stretch to adjust distance between the two adjacent of the plates, wherein the adjustable modules comprises a first sidewall, a second sidewall, and a sidewall connection component which connects the first sidewall and the second sidewall, wherein the first sidewall is pivoted to at least one of the plates, the second sidewall is pivoted to at least another one of the plates, and wherein the first sidewall and the second sidewall come close to each other when the at least two adjustable modules is compressed.

2. The adjustable storage device of claim 1, wherein each of the adjustable modules further comprises a movement restriction component which is arranged on one side of the first sidewall and the second sidewall, and wherein the movement restriction component confines movement directions of each of the adjustable modules.

3. The adjustable storage device of claim 1, wherein the sidewall connection component comprises a first connection portion which is arranged in the first sidewall and a second connection portion which is arranged in the second sidewall, wherein the first connection portion comprises two first bodies, two pivot holes which is respectively formed on the two first bodies, and an accommodation space which is located between the two first bodies, and wherein the second connection portion comprises a second body which is accommodated in the accommodation space, and two pivot pins respectively extend out from the second body and into the two pivot holes.

4. The adjustable storage device of claim 3, wherein each of the two first bodies comprises an arc portion, wherein the second connection portion further comprises two indentations which are respectively on two sides of the second body, wherein the two arc portions

respectively contact the two indentations to form a movement restriction component, and the movement restriction component confines movement directions of each of the adjustable modules.

5. An adjustable storage device, comprising:

plates, being arranged vertically; and

at least two adjustable modules, connecting with two adjacent of the plates;

wherein the at least two adjustable modules stretch to adjust distance between the two adjacent of the plates, wherein the adjustable modules comprises a first sidewall, a second sidewall which is pivoted to the first sidewall on the same plate, and a sidewall connection component connects the first sidewall which is pivoted to another plates and the second sidewall, and wherein when the at least two adjustable modules is compressed, the first sidewalls come close to each other and the second sidewalls come close to each other.

6. The adjustable storage device of claim 5, wherein a lower portion of the first sidewall of a plate is connected to an upper portion of the second sidewall on the same plate and a lower portion of the second sidewall of the plate is connected to an upper portion of the first sidewall on another plate.

7. The adjustable storage device of claim 6, wherein the upper portion of the first sidewall comprises a restriction trail, the lower portion of the second sidewall comprises a restriction pin, and the restriction pin extends into the restriction trail to form a movement restriction component.

8. The adjustable storage device of claim 6, wherein the upper portion of the first sidewall comprises a restriction trail, the lower portion of the second sidewall comprises a restriction pin, and the restriction pin extends into the restriction trail to forms the sidewall connection component.

9. The adjustable storage device of claim 5, 6, 7 or 8, wherein the plates are in regular polygon shape and the adjustable modules are respectively located on two sides of the plates.

10. The adjustable storage device of claim 9, wherein one of both the first sidewall and the second sidewall of the adjustable modules are pivoted in a direction which is perpendicular to an extension direction of the side of the plate.

11. The adjustable storage device of claim 9, wherein one of both the first sidewall and the second sidewall of the adjustable modules are pivoted in a direction which is not perpendicular to an extension direction of the side of the plate.

12. An adjustable storage box for accommodating the adjustable device of the claim 1 to claim 11, comprising:

an upper cover, being connected to the upmost plates of the adjustable device;

a lower cover, being disposed under the upper cover, wherein the upper cover covers the lower cover movably and the lower cover is connected to the lowest plate of the adjustable device; and

a storage space, being formed by the upper cover and the lower cover and for accommodating of the adjustable device;

wherein, when the upper cover moves upward relative to the lower cover, the adjustable modules changes from compression state to stretch state and increase a distance between plates.

13. The adjustable storage box of claim 12, wherein the upper cover comprises at least one upper position restriction component, wherein the lower cover comprises at least one lower position restriction component, wherein the upper position restriction component can be directly or indirectly connected to the upmost plate, and wherein the lower position restriction component can be directly or indirectly connected to the lowest plate.

14. The adjustable storage box of claim 13, wherein the lower position restriction component comprises a lower limited block, wherein at least one of the plates of the adjustable device comprises a side port for passing of the lower limited block, and wherein the lower limited

block can be directly hooked on the lowest plate.