What is claimed is:

1. An automatic solar tracking adjustment/control apparatus of solar generation system, comprising:

a support assembly, a support seat being disposed at one end of the support assembly;

a carrier platform disposed on the support seat via a two-dimensionally movable pivotal rotational assembly, at least one solar generation module being disposed on the carrier platform for converting solar energy into electrical energy;

at least one drive assembly disposed between the support assembly and the carrier platform, the drive assembly serving to drive the carrier platform according to reference parameters previously stored in a control unit, whereby the carrier platform can be tilted in different directions and different inclination angles around the pivotal rotational assembly; and

a detection/correction module disposed on the carrier platform for detecting and obtaining actual parameters including tilting direction and inclination angle of the carrier platform and feeding the actual parameters back to

the control unit, the control unit comparing the actual parameters with the previously stored reference parameters to obtain a comparison result, whereby according to the comparison result, the control unit modifies the tilting direction and inclination angle of the carrier platform via the drive assembly.

2. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 1, wherein the detection/correction module at least includes an accelerometer.

3. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 2, wherein the control unit is disposed in the detection/correction module.

4. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 1, wherein the support assembly at least has a support column, the support seat being disposed at one end of the support column.

5. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 1, 2, 3 or 4, wherein two drive assemblies are disposed between the

support assembly and the carrier platform, each drive assembly including a power source and a connection member drivable by the power source, the connection member being a flexible body connected to two opposite sections of the carrier platform.

6. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 5, wherein the power source is connected to the connection member via a drive member.

7. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 6, wherein the power source is a motor and the connection member is a steel cable and the drive member is a drive wheel connected to the steel cable.

8. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 5, wherein each drive assembly further includes at least one idling member and the connection member passes through an edge of the idling member and is reversely wound.

9. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 5, wherein each connection member is serially connected with at least

one elastic member.

10. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 9, wherein the elastic member is disposed at a section of the carrier platform, which section is connected to the connection member.

11. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 6, wherein two drive sections are disposed on the drive member, the two drive sections being synchronously operable, first ends of the two connection members being respectively connected to the two drive sections in reverse directions, second ends of the two connection members being respectively connected to two opposite corner sections of the carrier platform corresponding to two lateral sides of the support assembly.

12. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 11, wherein each of the connection members is connected to an elastic adjustment assembly.

13. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 12, wherein

the elastic adjustment assembly includes at least one elastic member fitted on the connection member.

14. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 13, wherein a first end of the elastic member is connected to an external fixed article, while a second end of the elastic member is provided with a fitting member connected to a middle section of the connection member.

15. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 14, wherein the fitting member is a pulley.

16. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 11, wherein the two drive sections are two annular grooves disposed on the drive wheel, the two connection members being respectively wound on the annular grooves in reverse directions.

17. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 5, wherein the carrier platform is polygonal and two ends of the connection member are respectively connected to two opposite corner sections of the carrier platform.

18. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 1, 2, 3 or 4, wherein the pivotal rotational assembly includes a pivot seat, a first shaft rod and a second shaft rod, the first and second shaft rods passing through the pivot seat and intersecting each other, two ends of the first shaft rod being disposed on the support seat, while two ends of the second shaft rod being disposed on the carrier platform.

19. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 5, wherein the pivotal rotational assembly includes a pivot seat, a first shaft rod and a second shaft rod, the first and second shaft rods passing through the pivot seat and intersecting each other, two ends of the first shaft rod being disposed on the support seat, while two ends of the second shaft rod being disposed on the carrier platform.

20. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 18, wherein the two ends of the first shaft rod are pivotally connected to the support seat via bearings and the two ends of the second shaft rod are connected to the carrier platform via bearings.

21. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 19, wherein the two ends of the first shaft rod are pivotally connected to the support seat via bearings and the two ends of the second shaft rod are connected to the carrier platform via bearings.

What is claimed is:

1. An automatic solar tracking adjustment/control apparatus of solar generation system, comprising:

a support assembly, a support seat being disposed at one end of the support assembly;

a carrier platform disposed on the support seat via a two-dimensionally movable pivotal rotational assembly, at least one solar generation module being disposed on the carrier platform for converting solar energy into electrical energy;

at least one drive assembly disposed between the support assembly and the carrier platform, the drive assembly serving to drive the carrier platform according to reference parameters previously stored in a control unit, whereby the carrier platform can be tilted in different directions and different inclination angles around the pivotal rotational assembly; and

a detection/correction module disposed on the carrier platform for detecting and obtaining actual parameters including tilting direction and inclination angle of the carrier platform and feeding the actual parameters back to the control unit, the control unit comparing the actual parameters with the previously stored reference parameters to obtain a comparison result, whereby according to the comparison result, the control unit

modifies the tilting direction and inclination angle of the carrier platform via the drive assembly; the drive assembly including a power source and a connection member drivable by the power source, the connection member being a flexible body connected to two opposite sections of the carrier platform;

wherein the power source is connected to the connection member via a drive member;

wherein two drive sections are disposed on the drive member, the two drive sections being synchronously operable, first ends of the two connection members being respectively connected to the two drive sections in reverse directions, second ends of the two connection members being respectively connected to two opposite corner sections of the carrier platform.

2. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 1, wherein the detection/correction module at least includes an accelerometer.

3. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 2, wherein the control unit is disposed in the detection/correction module.

4. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 1, wherein the support assembly at least has a support column, the support seat being disposed at one end of the support column.

5. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 1, 2, 3 or 4, wherein two drive assemblies are disposed between the support assembly and the carrier platform.

6. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 1, wherein the power source is a motor and the connection member is a steel cable and the drive member is a drive wheel connected to the steel cable.

7. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 5, wherein each drive assembly further includes at least one idling member and the connection member passes through an edge of the idling member and is reversely wound.

8. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 5, wherein each connection member is serially connected with at least one elastic member.

9. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 9, wherein the elastic member is disposed at a section of the carrier platform, which section is connected to the connection member.

10. The automatic solar tracking adjustment/control apparatus of

solar generation system as claimed in claim 1, wherein the two opposite corner sections of the carrier platform correspond to two lateral sides of the support assembly.

11.The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 11, wherein each of the connection members is connected to an elastic adjustment assembly.

12.The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 12, wherein the elastic adjustment assembly includes at least one elastic member fitted on the connection member.

13.The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 13, wherein a first end of the elastic member is connected to an external fixed article, while a second end of the elastic member is provided with a fitting member connected to a middle section of the connection member.

14.The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 14, wherein the fitting member is a pulley.

15.The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 11, wherein the two

drive sections are two annular grooves disposed on the drive member, the two connection members being respectively wound on the annular grooves in reverse directions.

16. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 5, wherein the carrier platform is polygonal and two ends of the connection member are respectively connected to two opposite corner sections of the carrier platform.

17. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 1, 2, 3 or 4, wherein the pivotal rotational assembly includes a pivot seat, a first shaft rod and a second shaft rod, the first and second shaft rods passing through the pivot seat and intersecting each other, two ends of the first shaft rod being disposed on the support seat, while two ends of the second shaft rod being disposed on the carrier platform.

18. The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 5, wherein the pivotal rotational assembly includes a pivot seat, a first shaft rod and a second shaft rod, the first and second shaft rods passing through the pivot seat and intersecting each other, two ends of the first shaft rod being disposed on the support seat, while two ends of the second shaft rod being disposed on the carrier platform.

19.The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 18, wherein the two ends of the first shaft rod are pivotally connected to the support seat via bearings and the two ends of the second shaft rod are connected to the carrier platform via bearings.

20.The automatic solar tracking adjustment/control apparatus of solar generation system as claimed in claim 19, wherein the two ends of the first shaft rod are pivotally connected to the support seat via bearings and the two ends of the second shaft rod are connected to the carrier platform via bearings.