WHAT IS CLAIMED IS:

1. A substrate holder, comprising:

a first holding member having a support surface supporting a substrate; and

a second holding member sandwiching and holding the substrate together with the first holding member, wherein

the first holding member comprises a first contact point located along a periphery of the support surface; and

the second holding member comprises a second contact point configured to contact with the substrate placed on the support surface, wherein

the first contact point has a flat plate shape;

the second contact point comprises a first end portion contacting with the substrate; and a second end portion contacting with the first contact point, wherein

the second end portion is configured to elastically contact with the first contact point when the substrate is held between the first holding member and the second holding member

wherein the first end portion of the second contact point is a plate spring.

2. The substrate holder according to claim 1, wherein

the first end portion is configured to elastically contact with the substrate when the substrate is held between the first holding member and the second holding member.

3. The substrate holder according to claim 1 or 2, wherein

the second end portion is configured to contact with the first contact point at a curved surface when the substrate

is held between the first holding member and the second holding member.

4. The substrate holder according to any one of claims 1 to 3 wherein

the second end portion elastically contacts with the first contact point so as to urge the first contact point toward the first holding member.

5. The substrate holder according to any one of claims 1 to 4 wherein

the first contact point comprises a plurality of contact point end portions and a planar connection portion connecting the contact point end portions to each other.

6. The substrate holder according to claim 5, further comprising:

an external contact point portion configured to be electrically connected to an external power supply; and

a conducting wire electrically connecting between the external contact point portion and the first contact point, wherein

an outer peripheral surface of the conducting wire contacts with the planar connection portion of the first contact point.

7. The substrate holder according to claim 5 or 6, wherein

the first holding member comprises a fixing surface for fixing the planar connection portion; and

the plurality of contact point end portions of the first contact point constitute a free end portion.

8. The substrate holder according to any one of claims 5 to 7 wherein

the second contact point comprises a plurality of the second end portions; and

the plurality of second end portions are configured to contact with the plurality of contact point end portions of the first contact point respectively.

9. The substrate holder according to any one of claims 1 to 8 wherein

the second contact point comprises a second contact point body connecting between the first end portion and the second end portion;

the first end portion comprises a bent portion bent from the second contact point body, and extends toward a center side of the support surface; and

when the substrate is held between the first holding member and the second holding member, the bent portion is located at substantially the same height as a surface to be plated of the substrate.

10. The substrate holder according to any one of claims 1 to 9 wherein

the second holding member comprises a wall surface portion surrounding at least a part of a region other than the contact portion of the first contact point of the second end portion.

11. The substrate holder according to any one of claims 1 to 10 wherein

the first end portion of the second contact point is

configured to contact with the substrate across 95% or more in a peripheral direction of the substrate.

12. The substrate holder according to any one of claims 1 to 11 wherein the first end portion and the second end portion of the second contact point are integrated.

13. The substrate holder according to any one of claims 1 to 11 wherein the first end portions of the second contact point are curved along an outer peripheral edge of the substrate.

14. A plating apparatus for plating a substrate using the substrate holder according to any one of claims 1 to 11.