What is claimed is:

1. A plating rack, comprising:

a linking-up frame, coupled with an external driving device, having one end thereof to couple a first hanging frame;

a support frame, located oppositely to the linking-up frame with respect to a first axial direction, having one end thereof to couple a second hanging frame; the second hanging frame located oppositely to the first hanging frame with respect to the first axial direction;

a parallel extendable frames, extending along the first axial direction so as to bridge ends of the first hanging frame and the second hanging frame; and

a plurality of first clamp members is constructed to both the first hanging frame and the second hanging frame in a discrete but orderly manner along a second axial direction, at least one holder for contacting the substrate to be held, disposed at both ends of the first clamp members corresponding to a third axial direction, the third axial direction is perpendicular to the surface defined by the first axial direction and the second axial direction, and

a substrate loading area, enclosed by the first hanging frame, the second hanging frame and the pairs of the parallel extendable frames are formed as an area for the first clamp members to contact or support the substrate;

wherein a first liquid stopper is constructed at the lever arm to encircle the at least one holder in an annular-setting manner, such that an enclosed region is formed between the at least one holder and the first liquid stopper.

2. The plating rack of claim 1, wherein the first liquid stopper is a soft seal ring made of a material selected from the group of an NBR synthetic rubber, an EPDM synthetic rubber, a VITON (trademark) rubber, a silicon, a Teflon (trademark).

3. The plating rack of claim 1, wherein the holder is to completely contact at the substrate to be held.

4. The plating rack of claim 1, wherein the holders are arranged linearly.

5. The plating rack of claim 1, wherein the extendable frame is extended or shortened along the first axial direction.

6. A plating rack, comprising:

a linking-up frame, having one end thereof coupled with an external driving device;

a support frame, located oppositely to the linking-up frame with respect to a first axial direction, having one end thereof to couple a second hanging frame, the second hanging frame located oppositely to the first hanging frame with respect to the first axial direction;

a first hanging frame, having one lateral side coupled with the linking-up frame;

a second hanging frame, having one end thereof to couple the support frame;

a plurality of second clamp members, extended individually along the first axial direction, couple the first hanging frame and the second hanging frame, the second clamp members including a pair of first lever arms extended inward along the first axial direction with respect to a substrate to be held, each of the first lever arms being connected with a first clamp head having at least one first holder for contacting the substrate to be held;

a substrate loading area, can be properly held by the second clamp members for plating purpose; and

a second liquid stopper, mounted to the first clamp head at a side facing the substrate to be held and extended along the second axial direction to both remote sides of the first clamp head, the second liquid stopper circling the corresponding first holders in an annular-setting

manner, such that a connected first enclosed region is formed between the encircled first holders and the second liquid stopper.

7. The plating rack of claim 6, wherein the second liquid stopper is a soft seal ring made of a material selected from the group of an NBR synthetic rubber, an EPDM synthetic rubber, a VITON (trademark) rubber, a silicon, a Teflon (trademark).

8. The plating rack of claim 6, wherein the first holders and the second liquid stoppers are to completely contact at the substrate to be held.

9. The plating rack of claim 6, wherein the first holders are arranged linearly.

10. The plating rack of claim 6, wherein one of the first hanging frame and the second hanging frame is structured to be an adjustable hanging frame that is able to displace freely along the first axial direction.

11. The plating rack of claim 6, further including:

another first hanging frame, having opposite ends thereof to connect one-side ends of the first hanging frame and the second hanging frame; and

another second hanging frame, located opposing to the another first hanging frame with respect to the second axial direction, having opposite ends thereof to connect another-side ends of the first hanging frame and the second hanging frame, each of the another first hanging frame and the another second hanging frame providing a plurality of third clamp members for clamping the substrate to be held;

wherein each of the third clamp members has a pair of lever arms , each of the lever arms connects a second clamp head having at least one second holder.

12. The plating rack of claim 11, wherein the second holder for contacting the substrate to be held, and a third liquid stopper is mounted

to the second clamp head at a side facing the substrate to be held and extended along the first axial direction to both remote sides of the second clamp head, the third liquid stopper encircles the corresponding second holders in an annular-setting manner, such that a connected second enclosed region is formed between the encircled second holders and the third liquid stopper.

13. The plating rack of claim 12, wherein the third liquid stopper is a soft seal ring made of a material selected from the group of an NBR synthetic rubber, an EPDM synthetic rubber, a VITON (trademark) rubber, a silicon, a Teflon (trademark).

14. The plating rack of claim 12, wherein the second holders are arranged linearly, and the third liquid stoppers are to completely contact at the substrate to be held.