

WHAT IS CLAIMED IS:

1. A apparatus for treating an object to be treated, the apparatus comprising:
 - a loader unit carrying a conveying tray where a plurality of objects to be treated are loaded into a carrying-in unit;
 - a dumping unit picking up the objects to be treated from the conveying tray and performing a dumping to load the picked-up objects into a process tray;
 - a treatment unit performing a treatment on the objects to be treated after the process tray where the objects to be treated are loaded is carried in; and
 - a conveying unit conveying the conveying tray or the process tray between the carrying-in unit, the dumping unit, and the treatment unit,wherein the process tray comprises:
 - a lower member formed of a first material; and
 - an upper member formed of a second material and provided to cover a top surface and a side surface of the lower member,wherein the first material is a material including metal and the second material is a material including dielectric,
 - a plurality of first guides provided on a top surface of the process tray and having a length direction parallel to a first direction; and
 - a plurality of second guides provided on the top surface of the process tray and having a length direction parallel to a second direction vertical to the first direction,wherein the first guides and the second guides are spaced apart from each other and are arranged in the first direction and the second direction at regular intervals,
 - wherein the first guides and the second guides are in a bar shape,
 - wherein the objects to be treated are disposed in a first area defined by the first guides adjacent to each other and the second guides adjacent to each other,

wherein the first guides and the second guides are spaced apart from each other to provide a second area.

2. The apparatus of claim 1, wherein the metal is aluminum.
3. The apparatus of claim 1, wherein the dielectric is provided as an oxide layer of the metal.
4. The apparatus of claim 1, where the dielectric is provided as ceramic.
5. The apparatus of claim 1, wherein the top surface of the process tray is flat.
6. The apparatus of any one of claims 1 to 4, wherein the lower member has a thickness of about 2 cm and about 10 cm.
7. The apparatus of any one of claims 1 to 4, wherein the upper member has a thickness of about 0.05 mm to about 100 mm.
8. A process tray where objects to be treated are loaded, the process tray comprising:
 - a lower member formed of a first material; and
 - an upper member formed of a second material and provided to cover a top surface and a side surface of the lower member,
 - a plurality of first guides provided on a top surface of the process tray and having a length direction parallel to a first direction; and

a plurality of second guides provided on the top surface of the process tray and having a length direction parallel to a second direction vertical to the first direction,

wherein the first guides and the second guides are spaced apart from each other and are arranged in the first direction and the second direction at regular intervals,

wherein the first guides and the second guides are in a bar shape,

wherein the objects to be treated are disposed in a first area defined by the first guides adjacent to each other and the second guides adjacent to each other,

wherein the first guides and the second guides are spaced apart from each other to provide a second area,

wherein

the first material is formed of a material including metal; and

the second material is formed of a material including dielectric.

9. The process tray of claim 8, wherein the metal is provided as aluminum.
10. The process tray of claim 8, wherein the dielectric is provided as an oxide layer of the metal.
11. The process tray of claim 8, wherein the dielectric is provided as ceramic.
12. The process try of claim 8, wherein the top surface of the process tray is flat.
13. The process tray of any one of claims 8 to 11, wherein the lower member has a thickness of about 2 cm and about 10 cm.

14. The process tray of any one of claims 8 to 11, wherein the upper member has a thickness of about 0.05 mm to about 100 mm.