What is claimed is:

1. A processing chamber, comprising:

a susceptor positioned between a gas introduction port located on a first side of the processing chamber and an gas exhaust port located on a second side of the processing chamber;

a dome in the processing chamber above the susceptor; and

a plate in the processing chamber above the dome, the plate having a central opening and supporting at least two components separated laterally within the central opening by two or more gaps, each component having:

an upper region having a concave inner surface and a convex outer surface; and

a lower region tapering inward from the upper region.

2. The processing chamber of claim 1, wherein the upper region of each component has a fixed radius of curvature, and the lower region of each component has a varying radius of curvature.

3. The processing chamber of claim 1, wherein the upper region of each component has a lip contacting the plate.

4. The processing chamber of claim 1, further comprising a chamber lid supporting two pyrometers above the central opening in the plate.

5. The processing chamber of claim 4, wherein at least one pyrometer is positioned on the chamber lid above at least one of the two or more gaps.

6. The processing chamber of claim 1, wherein the plate in the processing chamber is an annular plate and each component has:

a partial cylindrical region having a first concave inner surface, a first convex outer surface, and a fixed radius of curvature of the first concave inner surface; and

a partial conical region having a second concave inner surface, a second convex outer surface, and a varying radius of curvature of the second concave inner

surface, wherein the second concave inner surface extends from the partial cylindrical region to a second radius of curvature less than the fixed radius of curvature.

7. The processing chamber of claim 6, wherein the partial cylindrical region of the first component has a lip contacting the annular plate and the partial cylindrical region of the second component has a lip contacting the annular plate.

8. The processing chamber of claim 6, further comprising a chamber lid supporting two pyrometers above the central opening in the annular plate.

9. The processing chamber of claim 8, wherein at least one pyrometer is positioned on the chamber lid above at least one of the two or more gaps.

10. The processing chamber of claim 1, comprising a lamps below the plate.