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(54) Title: GAS DISTRIBUTION PLATE WITH HIGH ASPECT RATIO HOLES AND A HIGH HOLE DENSITY

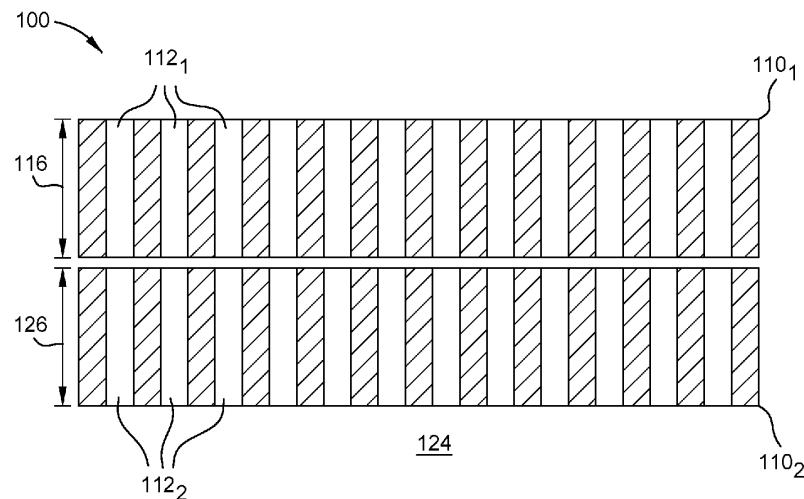


FIG. 1

(57) Abstract: A gas distribution plate for a showerhead assembly of a processing chamber may include at least a first plate and second plate. The first plate may include a first plurality holes each having a diameter of at least about 100 μm . The second plate may include a second plurality of holes each having a diameter of at least about 100 μm . Further, each of the first plurality of holes is aligned with a respective one of the second plurality of holes forming a plurality of interconnected holes. Each of the interconnected holes is isolated from each other interconnected holes.

[Continued on next page]



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