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(54) Title: SHOWERHEAD HAVING MULTIPLE PLENUMS AND A FACEPLATE WITH A CENTRAL GAS DISTRIBUTION PORT

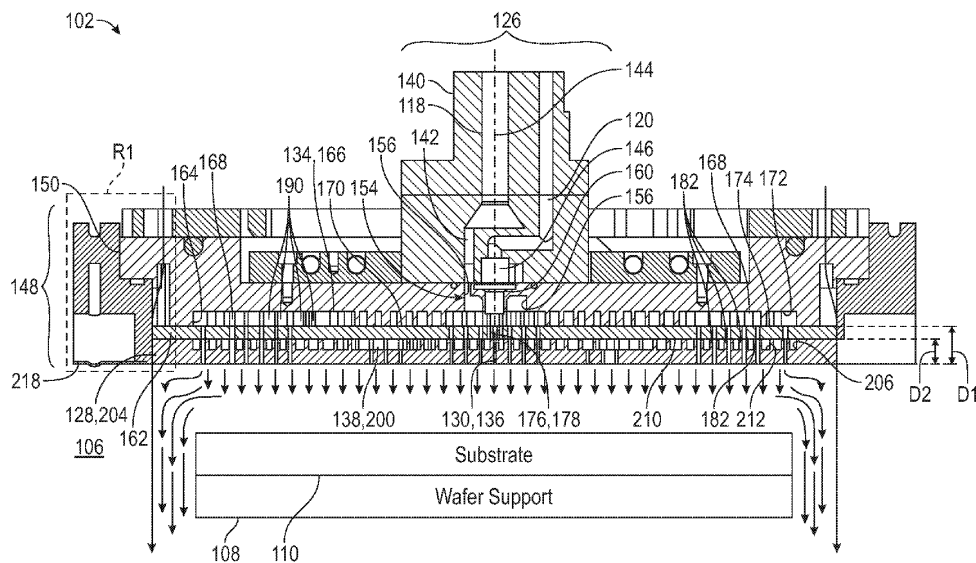


FIG. 2

(57) Abstract: A showerhead includes a first gas passage having a first inlet and a second gas passage having a second inlet. The showerhead further includes a faceplate surface having a plurality of first gas distribution ports distributed across the faceplate surface and fluidically connected with the first gas passage. The faceplate surface further has a plurality of second gas distribution ports distributed across the faceplate surface and fluidically connected with the second gas passage. The showerhead further includes a first center-fed plenum fluidically interposed between the first gas passage and the first gas distribution ports. The showerhead further includes a second center-fed plenum fluidically interposed between the second gas passage and the second gas distribution ports. The first gas distribution ports include a center first gas distribution port located at a center of the faceplate surface.

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