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[Continued on next page]

(54) Title: OZONE PLENUM AS UV SHUTTER OR TUNABLE UV FILTER FOR CLEANING SEMICONDUCTOR SUBSTRATES

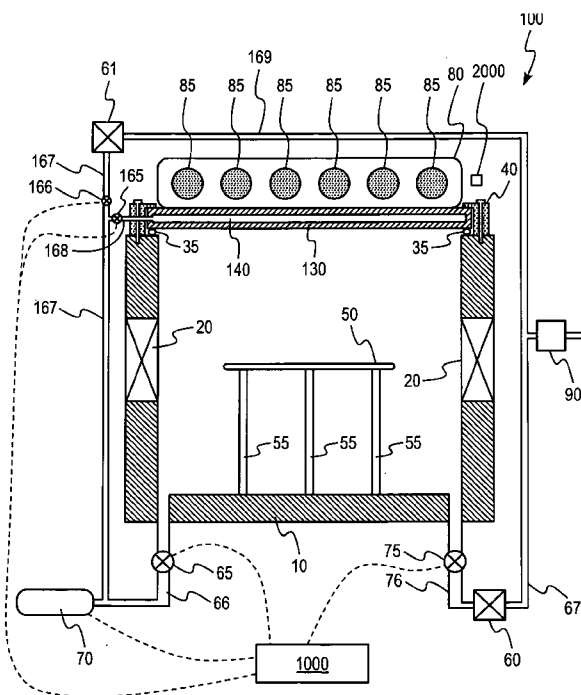


FIG. 1

(57) Abstract: A quartz window with an interior plenum is operable as a shutter or UV filter in a degas chamber by supplying the plenum with an ozone-containing gas. Pressure in the plenum can be adjusted to block UV light transmission into the degas chamber or adjust transmittance of UV light through the window. When the plenum is evacuated, the plenum allows maximum transmission of UV light into the degas chamber.



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