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- (71) Applicant: **APPLIED MATERIALS, INC.** [US/US];
3050 Bowers Avenue, Santa Clara, California 95054 (US).
- (72) Inventors: **FRUCHTERMAN, William R.**; 2238 Santa
Cruz Avenue, Santa Clara, California 95051 (US).
RIKER, Martin Lee; 2174 Lacey Drive, Milpitas, Califor-
nia 95035 (US). **MILLER, Keith A.**; 209 Mariposa Aven-
ue, Mountain View, California 94041 (US). **INFANTE,**
Anthony; 1431 Cherrywood Drive, San Mateo, California
94403 (US).
- (74) Agent: **TABOADA, Alan**; Moser Taboada, 1030 Broad
Street, Suite 203, Shrewsbury, New Jersey 07702 (US).

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(54) Title: COOLED PROCESS TOOL ADAPTER FOR USE IN SUBSTRATE PROCESSING CHAMBERS

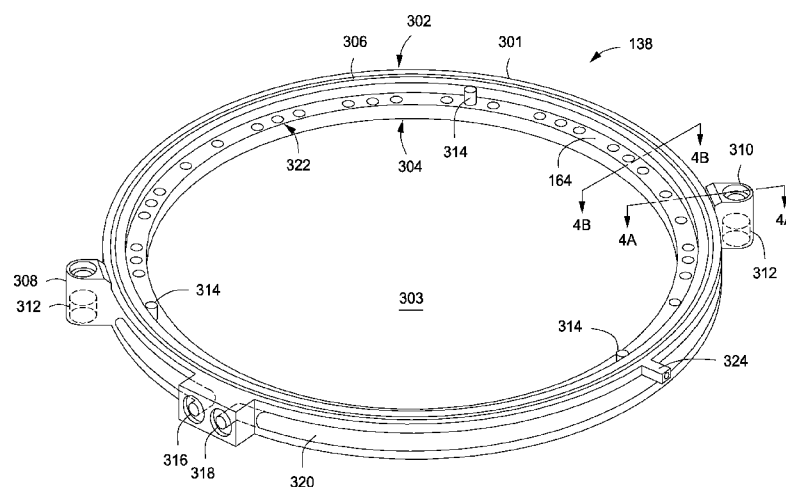


FIG. 3

(57) Abstract: Embodiments of cooled process tool adapters for use in substrate processing chambers are provided herein. In some embodiments, a cooled process tool adapter includes: an annular body surrounding a central opening; a coolant channel disposed in the annular body; one or more features to facilitate supporting a process tool within the central opening; an inlet and an outlet disposed in the annular body and fluidly coupled to the coolant channel; and a power connection coupled to the annular body having a terminal to couple the annular body to a bias power source.