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- (71) **Applicant: APPLIED MATERIALS, INC.** [US/US];
3050 Bowers Avenue, Santa Clara, California 95054 (US).
- (72) **Inventors: OKADA, Ashley;** 3050 Bowers Avenue, Santa Clara, California 95054 (US). **XU, Ming;** 3050 Bowers Avenue, Santa Clara, California 95054 (US).
- (74) **Agent: PORTNOVA, Marina et al.; LOWENSTEIN SANDLER LLP,** One Lowenstein Drive, Roseland, New Jersey 07068 (US).
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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

- (54) **Title:** PIEZO POSITION CONTROL FLOW RATIO CONTROL

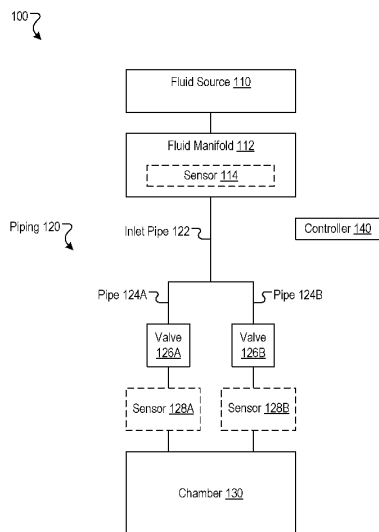


FIG. 1

(57) **Abstract:** A method includes receiving, for a first pipe, first pressure values corresponding to first valve positions of a first valve coupled to the first pipe. The method further includes receiving, for a second pipe routed in parallel with the first pipe, second pressure values corresponding to second valve positions of a second valve coupled to the second pipe. The method further includes generating a fluid conductance map based on the first valve positions, the first pressure values, the second valve positions, and the second pressure values. The method further includes causing, by a processing device based on a recipe and the fluid conductance map, the first valve to be in a first valve position and the second valve to be in a second valve position for a process of the recipe.

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