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(71) Applicant: **MAYBELL QUANTUM INDUSTRIES, INC.** [US/US]; 7100 Broadway Building 3, Suite D-E, Denver, CO 80221 (US).

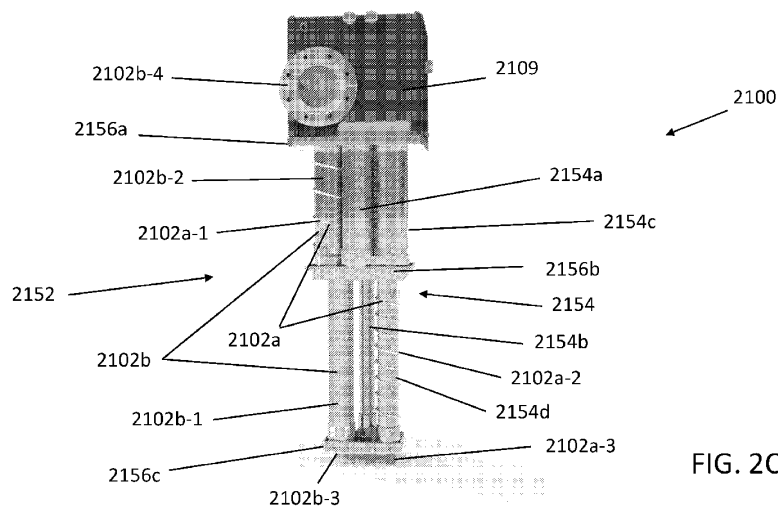
(72) Inventors: **THOMPSON, Kyle, J.**; 3795 Moorhead Ave, Boulder, CO 80305 (US). **TILLEMANN-DICK, Corban, I.**; 1811 Oneida St., Denver, CO 80220 (US). **PLANT, Tyler, James**; 10101 Jackson Ct., Apt. 5-204, Thorton, CO 80229 (US).

(74) Agent: **DOSKOCIL, Samuel, L.** et al.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210-2206 (US).

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(54) Title: CRYOGENIC SYSTEM INCLUDING INTEGRATED CRYOCOOLER AND DILUTION REFRIGERATOR



(57) Abstract: There is provided a regenerative cryogenic system comprising a pulse tube assembly comprising one or more stages configured to generate cryogenic temperatures below 4.2 Kelvin, one or more flanges configured to provide vacuum interface or thermalization, the one or more flanges coupled to the pulse tube assembly, and a still pumping line integrated with the one or more of the flanges, the still pumping line configured to provide a flow path for still gas of a dilution refrigerator.

[Continued on next page]

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