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(71) Applicant: MICROSOFT TECHNOLOGY LICENSING, LLC [US/US]; One Microsoft Way, Redmond, Washington 98052-6399 (US).

(72) Inventors: DELANO, Andrew; c/o Microsoft Technology Licensing, LLC, LCA - International Patents (8/1172), One Microsoft Way, Redmond, Washington 98052-6399 (US). STELLMAN, Taylor; c/o Microsoft Technology Licensing, LLC, LCA - International Patents (8/1172), One Microsoft Way, Redmond, Washington 98052-6399 (US).

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(54) Title: INTEGRATED VAPOR CHAMBER FOR THERMAL MANAGEMENT OF COMPUTING DEVICES

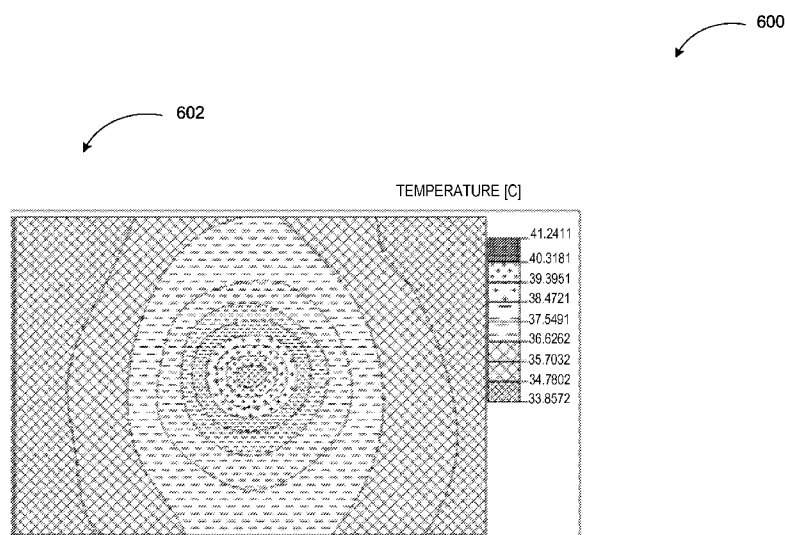


FIG. 6

(57) Abstract: A vapor chamber may be integrated with one or more components of a computing device to provide thermal management. The vapor chamber may include upper and lower portions forming the vapor chamber, and an annular space between the upper and lower portions that includes a fluid. The vapor chamber may be configured to absorb heat from a heat source of the computing device. Subsequently, the uniform heat transfer may enable the external surfaces of the computing device to achieve substantially isothermal external surface conditions, which may maximize a power dissipation of the computing device for a given ambient temperature ensuring a temperature of the computing device remains at or below safe limits while in use.

