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(54) Title: VAPOR CHAMBER HAVING A RESERVOIR

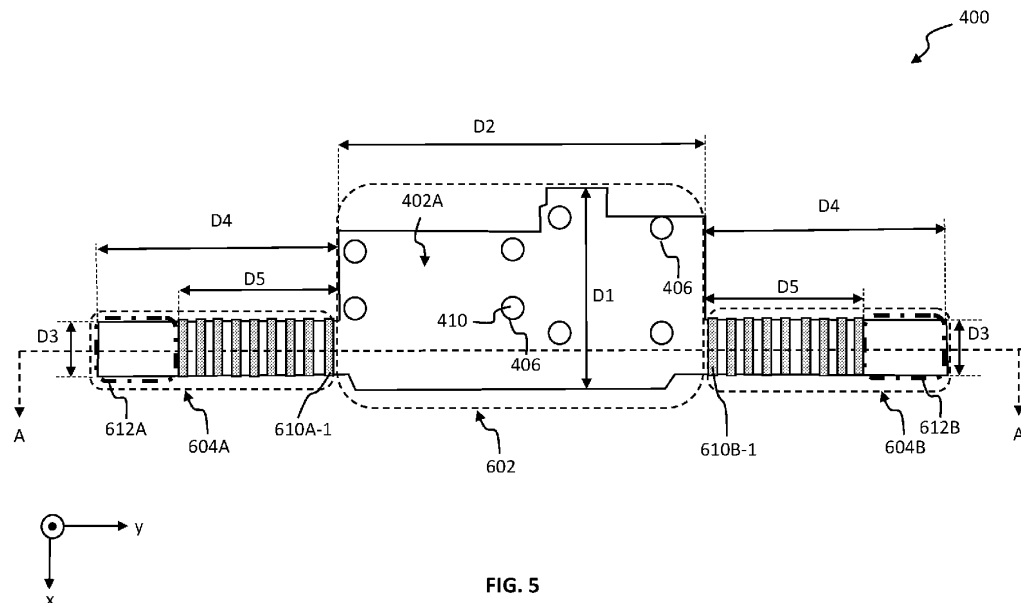


FIG. 5

(57) Abstract: In some aspects, a vapor chamber includes a sealed enclosure. The sealed enclosure includes: a main chamber; a first elongate chamber extending laterally from a first side of the main chamber; and a second elongate chamber extending laterally from a second, opposite side of the main chamber. The vapor chamber further includes a first capillary structure lining a first interior surface of the sealed enclosure, and a second capillary structure lining a second, opposite interior surface of the sealed enclosure. Distal portions of the first elongate chamber and the second elongate chamber are configured as reservoirs that store an excess volume of a working fluid in a liquid state when a heat source is in a first operating state, and release the excess volume of the working fluid towards the main chamber when the heat source is in a second operating state.

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