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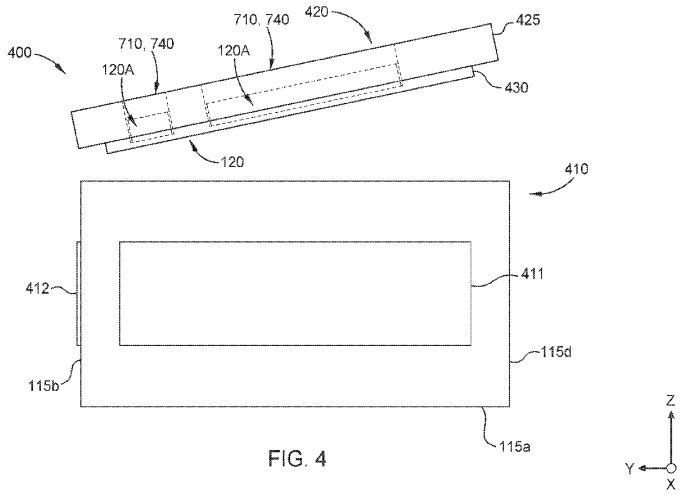


FIG. 4

(57) Abstract: Embodiments of the present disclosure include a chamber. The chamber generally includes a body and a lid assembly configured to be coupled to a top of the body. The lid assembly generally includes a housing including a first magnetic levitation actuator assembly aligned in a first direction, a second magnetic levitation actuator assembly aligned in a second direction, and a plurality of top sensors, where the first direction is different than the second direction. The lid assembly also generally includes a membrane configured to be coupled to the housing, the membrane including a plurality of recesses configured to receive the first magnetic levitation actuator assembly, the second magnetic levitation actuator assembly, and the plurality of top sensors.

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