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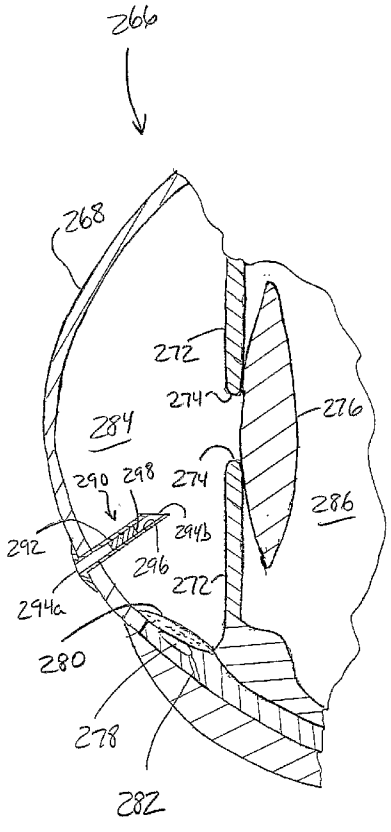
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(54) Title: IMPLANT HAVING MEMS FLOW MODULE WITH MOVABLE, FLOW-CONTROLLING BAFFLE



(57) Abstract: Various embodiments of MEMS flow modules that may be disposed in a flow path (296) of a shunt (290) are disclosed, where the shunt (290) may be used to control a flow out of an anterior chamber (284) of an eye (266). One such MEMS flow module (58) has a tuning element (78) and a lower plate (70). A plurality of springs or spring-like structures (82) interconnect the tuning element (78) with the lower plate (70) in a manner that allows the tuning element (78) to move either toward or away from the lower plate (70), depending upon the pressure being exerted on the tuning element (78) by a flow through a lower flow port (74) on the lower plate (70). The tuning element (78) is disposed over this lower flow port (74) to induce a flow through the MEMS flow module (58) along a non-linear (geometrically) flow path.

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