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(54) **Title:** CONSTANTLY ADAPTIVE VOID ELIMINATION SYSTEM

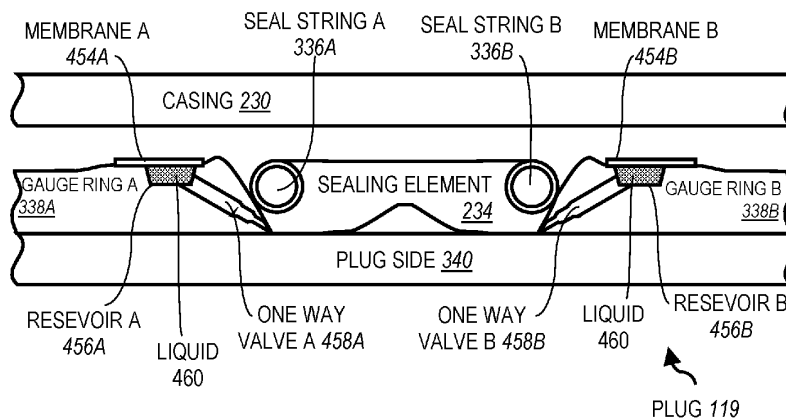


FIG. 4A

(57) **Abstract:** A method for sealing a borehole, that includes lowering a plug into the borehole, where the plug includes a sealing element, a reservoir that includes a liquid, and a one-way valve connected to the reservoir, causing the sealing element to undergo sealing element expansion, where the sealing element expansion causes the sealing element to make circumferential contact with a casing of the borehole, and where the sealing element expansion causes the sealing element to create a void.

[Continued on next page]

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