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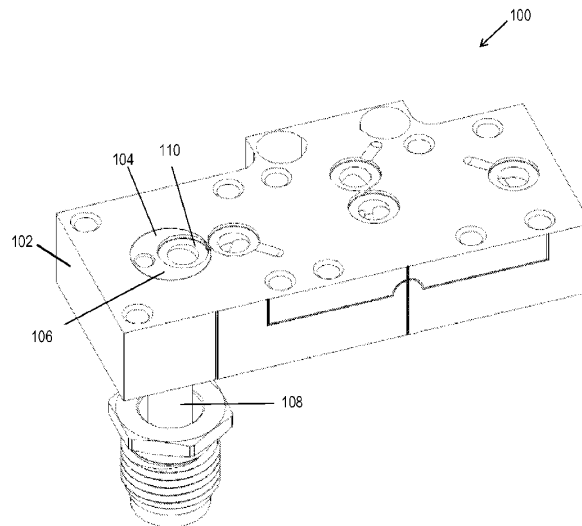


FIG. 1A

(57) Abstract: A fluid substrate comprising a manifold including a circular opening, a tube stub plug coupled with the manifold at the circular opening, wherein an anti-rotation feature prevents the tube stub plug from rotating with respect to the manifold.



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