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(71) Applicant: **GENENTECH, INC.** [US/US]; 1 DNA Way,
South San Francisco, CA 94080-4990 (US).

(72) Inventor: **SEIDT, Chris, Allen**; c/o Genentech, Inc., 1
DNA Way, South San Francisco, CA 94080-4990 (US).

(74) Agent: **LIMBACH, Douglas, C.** et al.; Shay Glenn LLP,
2929 Campus Drive, Suite 225, San Mateo, CA 94403 (US).

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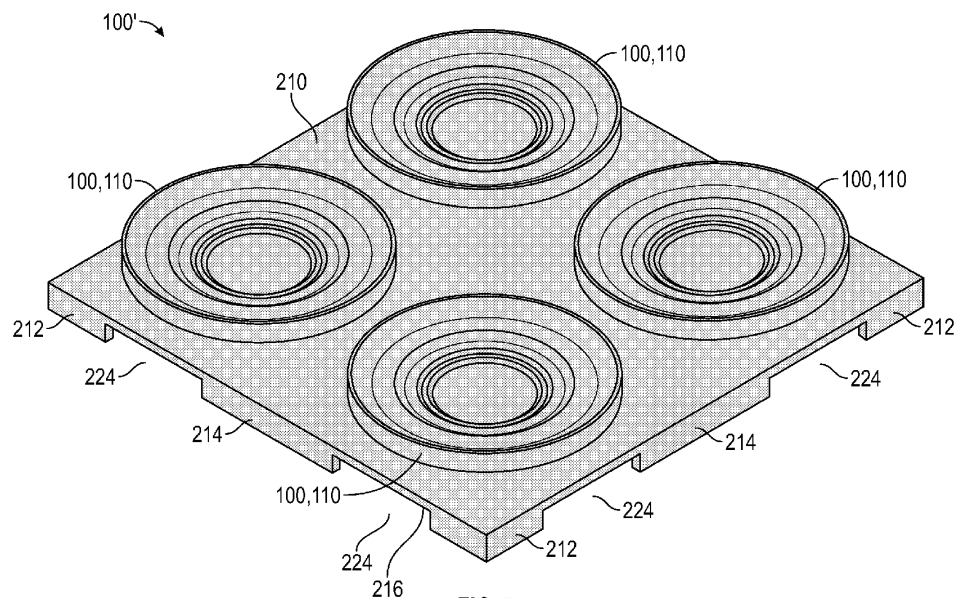


FIG. 7

(57) Abstract: Provided herein are systems and methods for thermally separating a flask and the base of an automatic flask stirring device. A thermal separator apparatus may be provided with a stand and a plurality of first standoffs. The stand may have a top surface configured to support a flask containing a substance to be stirred by a flask stirrer. The first standoffs may be located between the stand and a flask stirrer base, thereby creating a first air gap between the stand and the flask stirrer base. In some embodiments, the first air gap allows air to flow straight through the first air gap in a first direction.

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