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(54) **PRESSURE MANIFOLD TO EQUALIZE PRESSURE IN INTEGRATION PCR-CE MICROFLUIDIC DEVICES**

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(52) **U.S. Cl.**

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See application file for complete search history.

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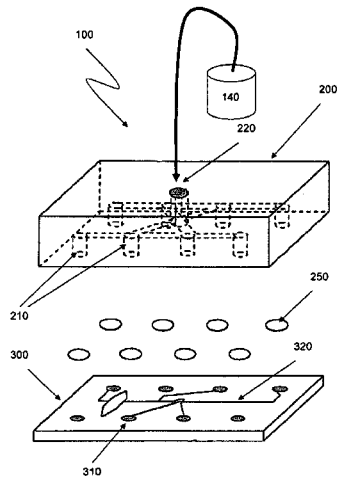
(57) **ABSTRACT**

A device is presented that includes a chip having a plurality of wells that are optionally connected by capillary channels, and a manifold member configured to be disposed over the chip for equalizing pressure over the wells and capillary channels.

18 Claims, 11 Drawing Sheets